



SEALING PARTNER

TOP-OSA OY

Sisällysluettelo

VARRENTIIVISTEET



VBS 8



VBUF 10



VB 11



VGC 13



VBU/VBD 14



VN...C1 15



VSM 16



VROTOR 17



IPO 18



S8 20



KT 21



MGD 22



T20 23



VUN 24



TDI 26



M17 27



M19 27

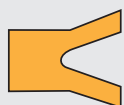


TRU 28

VARREN- JA MÄNNÄNTIIVISTEET



VPA 30



N 32



UN 34

MÄNNÄNTIIVISTEET



MT5 38



MT3 40



MOK 41



MKR 42



MKR-OR 42



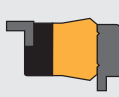
MPDH 44



MGDP 45



MG18 46



MWKR 47



MN..C2 48



MUN 49



MAQ 50



MROTOR 51



EPO 52

PYYHKIJÄT



P1 56



P2 58



GA 60



PA 62



PAF 63



PDK 64



P25F 65



P27F 66



PAY 67

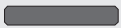


PP8 68

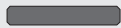


SAA 69

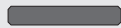
OHJAIMET



IPWR 72



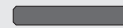
EPWR 73



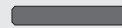
KK 74



FIL 76



PO 77

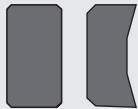


KKNAUHA 78

O-RENKAAT JA TUKIRENKAAT



OR 80



TR 99



TR8 101



ORNAUHA 103

X-RENKAAT



XR 106

STAATTISET TIIVISTEET

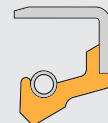


RR 110

AKSELITIIVISTEET



112



112



112

Profiileissa näkyvät värit ovat vain esimerkkejä, profiileja on saatavilla useilla eri materiaaleilla.

Vakioprofiilien lisäksi pystymme valmistamaan myös useita erilaisia profiileita, useista eri materiaaleista asiakkaiden tarpeiden mukaan.

materiaalit

materiaalit		väri	shore a/d kovuus	toiminta- lämpötila °C	
				Min.	Max.
Elastomers, polyurethanes					
ECOPUR®	Polyurethane (TPU)		95/48	-30	110
H-ECOPUR™	Polyurethane (TPU)		95/48	-20	110
S-ECOPUR™	Polyurethane (TPU)		95/48	-20	110
T-ECOPUR™	Polyurethane (TPU)		95/48	-50	110
G-ECOPUR™	Polyurethane (TPU)		95/47	-30	110
X-ECOPUR™	Hard grade polyurethane (TPU)		97/57	-30	110
XH-ECOPUR™	Hard grade polyurethane (TPU)		97/60	-20	110
XS-ECOPUR™	Hard grade polyurethane (TPU)		96/57	-20	110
Elastomers, rubber					
SKF Ecurubber-H	Hydrogenated NBR (H-NBR)		85/-	-25	150
SKF Ecorubber-1	Acrylonitrile butadiene rubber (NBR)		85/-	-30	100
SKF Ecorubber-2	Fluorocarbonate rubber (FKM)	 	83/-	-20	200
SKF Ecorubber-3	Ethylene propylene diene rubber (EPDM)	 	85/-	-50	150
SKF Ecosil	Silicone rubber (MVQ)		85/-	-60	200
SKF Ecoflas	Tetrafluoroethylene propylene rubber (TFE/P)		83/-	-10	200
Thermoplastics					
SKF Ecotal	Polyacetal (POM)	  		-50 8	0
SKF Ecoflon 1	Polytetrafluoroethylene (PTFE)		-/57	-200	260
SKF Ecoflon 2	Polytetrafluoroethylene + 15 % glass + 5 % MoS2		-/60	-200	260
SKF Ecoflon 3	Polytetrafluoroethylene + 40 % bronze		-/64	-200	260
SKF Ecoflon 3F	Polytetrafluoroethylene + 40 % bronze + add.		-/64	-200	260
SKF Ecoflon 4	Polytetrafluoroethylene + 25 % carbon		-/65	-200	260
SKF Ecomid	Polyamide (PA)	  	-/77	-40	100
SKF Ecowear	Ultra-High Molecular Weight Polyethylene (UHMWPE)	 		-200 7	0
SKF Ecopaek	Polyaryletherketone (PEEK)		-/86	-60	250

Oheisessa listassa ovat yleisimmin käytetyt tiivistemateriaalit. Jos et löydä etsimääsi, kysy muita vaihtoehtojamme.

MÄNNÄNTIIVISTEET

	Ko1-P		Ko6-R		K16-B
	Ko1-PE		Ko7-P		K17-P
	Ko1-R		Ko7-F		K17-R
	Ko1-RE		Ko8-E		K19-F
	Ko2-P		Ko8-ES		K20-R
	Ko2-PD		Ko8-D		K21-P
	Ko2-R		Ko8-DS		K22-P
	Ko2-RD		Ko8-P		K22-R
	Ko3-P		Ko9-N		K23-N
	Ko3-F		Ko9-H		K23-H
	Ko3-S		Ko9-D		K23-D
	Ko4-P		Ko9-F		K23-F
	Ko4-PD		K1012-T		K24-P
	Ko5-P		K1012-M		K32-P
	Ko5-R		K1315-T		K35-P
	Ko6-P		K16-A		K36

PYYHKIJÄT

	Ao1-A		A10-A
	Ao1-B		A11-A
	Ao2-A		A11-I
	Ao2-B		A12-A
	Ao2-I		A12-B
	Ao3-A		A13-A
	Ao4-A		A25-F
	Ao4-B		A26-F
	Ao5-A		A27-F
	Ao5-B		
	Ao5-I		
	Ao6-A		
	Ao7-A		
	Ao8-A		
	Ao8-B		
	Ao9-A		

VARRENTIIVISTEET

	S01-P		S07-P		S17-R
	S01-R		S07-F		S18-P
	S02-P		S08-P		S18-R
	S02-PD		S08-PE		S19-F
	S02-R		S08-R		S20-R
	S02-RD		S09-E		S21-P
	S02-S		S09-ES		S22-P
	S03-P		S09-D		S22-R
	S03-F		S09-DS		S24-P
	S03-S		S09-P		S2527-F
	S04-P		S1012-T		S2931-F
	S04-PD		S1012-M		S32-P
	S05-P		S1315-T		S35-P
	S05-R		S16-A		
	S06-P		S16-B		
	S06-R		S17-P		

AKSELITIIVISTEET

	R01-P		R08-A
	R01-R		R09-F
	R01-AF		R09-FS
	R01-AS		R10-F
	R01-F		R10-FS
	R02-P		R11-F
	R02-R		R12-F
	R03-P		R13
	R03-R		R14
	R04-A		R15-P
	R05-A		R16
	R06-P		R19-F
	R06-R		R20-P
	R07-P		R30-A
	R07-R		R35-A

OHJAUSRENKAAT

	F01
	F02
	F03
	F04
	F05
	F06
	F07
	F08

TUKIRENKAAT

	ST08
	ST09
	ST10
	ST11
	ST12
	ST13

Varrentiivisteet



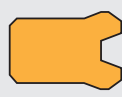
VBS 8



VBUF 10



VB 11



VGC 13



VBU/VBD 14



VN...C1 15



VSM 16



VROTOR 17



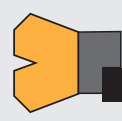
IPO 18



S8 20



KT 21



MGD 22



T20 23



VUN 24



TDI 26



M17 27

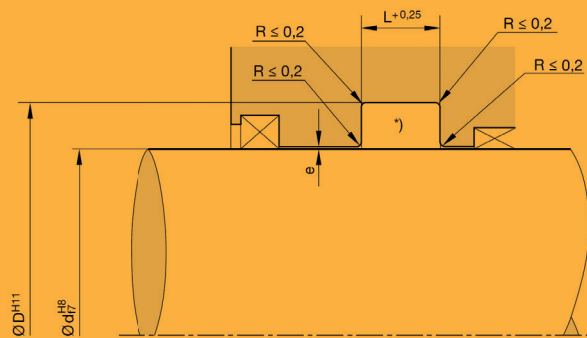
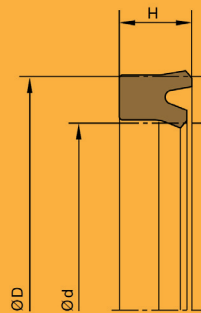
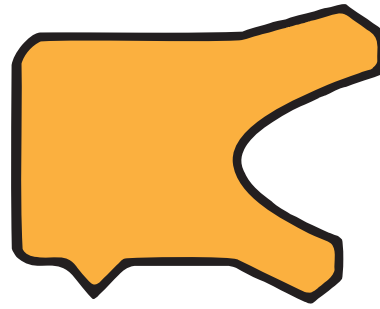


M19 27



TRU 28

VBS

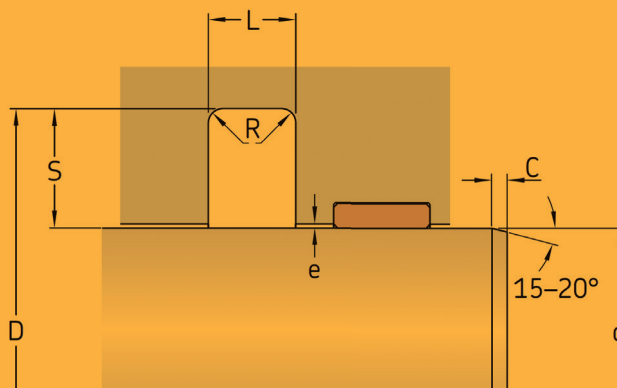


OMINAISUUDET

Materiaali	Polyuretaani
Paine	400bar
Nopeus	0,5 m/s
Lämpötila	-35 – +110 °C

Tuotekoodi	d	D	H								
VBS12X20X5,7	12	20	5,7	VBS45X60X11,4	45	60	11,4	VBS80X90X12	80	90	12
VBS14X22X5,7	14	22	5,7	VBS48X60X10	48	60	10	VBS80X90X9	80	90	9
VBS16X24X5,8	16	24	5,8	VBS50,8X66,67X7,93	50,8	66,67	7,93	VBS80X95X11,4	80	95	11,4
VBS16X24X7	16	24	7	VBS50X58X8	50	58	8	VBS85X100X10	85	100	10
VBS16X26X7,3	16	26	7,3	VBS50X60X10	50	60	10	VBS85X100X12	85	100	12
VBS20X28X5,7	20	28	5,7	VBS50X60X12	50	60	12	VBS90X100X11,5	90	100	11,5
VBS20X30X4,8	20	30	4,8	VBS50X60X7,3	50	60	7,3	VBS90X105X10	90	105	10
VBS20X30X7,3	20	30	7,3	VBS50X65X10	50	65	10	VBS90X105X11,4	90	105	11,4
VBS22X30X5,7	22	30	5,7	VBS50X65X11,4	50	65	11,4	VBS90X105X12	90	105	12
VBS22X32X6	22	32	6	VBS52X62X10	52	62	10	VBS90X105X9	90	105	9
VBS22X32X7,3	22	32	7,3	VBS55X63X8	55	63	8	VBS90X110X12	90	110	12
VBS24X30X4,5	24	30	4,5	VBS55X65X10	55	65	10	VBS100X110X12	100	110	12
VBS25X33X4,5	25	33	4,5	VBS55X65X12	55	65	12	VBS100X110X14	100	110	14
VBS25X33X5,7	25	33	5,7	VBS55X68X10	55	68	10	VBS100X115X10	100	115	10
VBS25X33X6,5	25	33	6,5	VBS56X66X10	56	66	10	VBS100X120X12	100	120	12
VBS25X35X7,3	25	35	7,3	VBS56X71X10	56	71	10	VBS100X120X14,5	100	120	14,5
VBS28X36X7,3	28	36	7,3	VBS56X71X11,4	56	71	11,4	VBS105X115X11,5	105	115	11,5
VBS28X38X7,3	28	38	7,3	VBS60X68X11,4	60	68	11,4	VBS105X120X10	105	120	10
VBS30X38X5,7	30	38	5,7	VBS60X70X10	60	70	10	VBS105X125X12	105	125	12
VBS30X40X10	30	40	10	VBS60X70X11,5	60	70	11,5	VBS110X125X14,5	110	125	14,5
VBS30X40X7,3	30	40	7,3	VBS60X70X7,3	60	70	7,3	VBS110X130X14,5	110	130	14,5
VBS30X45X10	30	45	10	VBS60X73X10	60	73	10	VBS120X128X11,5	120	128	11,5
VBS32X40X5,7	32	40	5,7	VBS60X75X10	60	75	10	VBS120X135X9	120	135	9
VBS32X42X10	32	42	10	VBS60X75X11,4	60	75	11,4	VBS125X145X12	125	145	12
VBS32X42X7	32	42	7	VBS60X75X12	60	75	12	VBS125X150X14	125	150	14
VBS35X45X10	35	45	10	VBS60X75X9	60	75	9	VBS130X150X12	130	150	12
VBS35X45X7	35	45	7	VBS60X80X12	60	80	12	VBS140X150X11,5	140	150	11,5
VBS36X44X6	36	44	6	VBS63,5X76,2X9,52	63,5	76,2	9,52	VBS140X160X12	140	160	12
VBS36X46X10	36	46	10	VBS63X73X12	63	73	12	VBS140X160X15	140	160	15
VBS36X46X7,3	36	46	7,3	VBS63X75X10	63	75	10	VBS150X170X15	150	170	15
VBS36X51X10	36	51	10	VBS63X75X8,5	63	75	8,5	VBS180X195X12,5	180	195	12,5
VBS38,1X47,62X9,52	38,1	47,62	9,52	VBS63X75X8,6	63	75	8,6	VBS180X200X15	180	200	15
VBS38X46X10	38	46	10	VBS63X78X10	63	78	10				
VBS40X48X5,7	40	48	5,7	VBS63X78X11,4	63	78	11,4				
VBS40X50X10	40	50	10	VBS63X83X13,5	63	83	13,5				
VBS40X50X6	40	50	6	VBS65X75X12	65	75	12				
VBS40X50X7,3	40	50	7,3	VBS65X80X12	65	80	12				
VBS40X55X10	40	55	10	VBS69,8X82,5X9,5	69,8	82,5	9,5				
VBS40X55X11,4	40	55	11,4	VBS70X80X11,5	70	80	11,5				
VBS44,45X53,97X6,35	44,45	53,97	6,35	VBS70X80X9	70	80	9				
VBS44,45X53,97X9,52	44,45	53,97	9,52	VBS70X83X10	70	83	10				
VBS45X53X11,4	45	53	11,4	VBS70X85X10	70	85	10				
VBS45X53X5,6	45	53	5,6	VBS70X85X11,4	70	85	11,4				
VBS45X55X10	45	55	10	VBS75X85X11,5	75	85	11,5				
VBS45X55X6	45	55	6	VBS75X88X10	75	88	10				
VBS45X55X7,3	45	55	7,3	VBS75X90X10	75	90	10				
VBS45X60X10	45	60	10	VBS75X90X11,4	75	90	11,4				
				VBS80X100X12	80	100	12				

VBUF

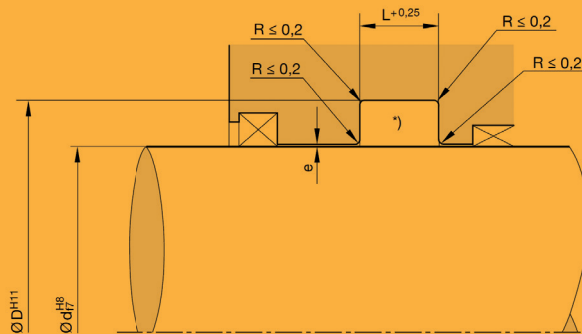
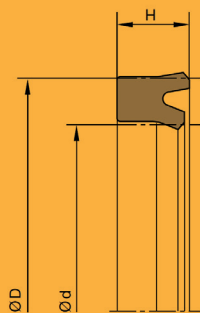
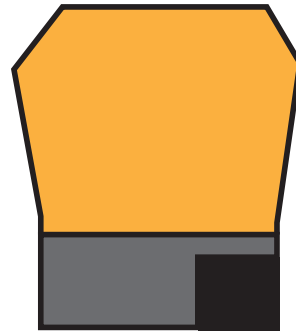


OMINAISUUDET

Materiaali Polyuretaani/Polyasetaali
 Paine 400bar
 Nopeus 1,0 m/s
 Lämpötila -30 – +100 °C

Tuotekoodi	d	D	H				
VBUF40X55,5X6	40	55,5	6	VBUF85X100,5X6	85	100,5	6
VBUF45X60,5X6	45	60,5	6	VBUF90X105,5X6	90	105,5	6
VBUF50X65,5X6	50	65,5	6	VBUF95X110,5X6	95	110,5	6
VBUF55X70,5X6	55	70,5	6	VBUF100X115,5X6	100	115,5	6
VBUF56X71,1X6	56	71,1	6	VBUF105X120,5X6	105	120,5	6
VBUF60X75,5X6	60	75,5	6	VBUF110X125,5X6	110	125,5	6
VBUF63X78,5X6	63	78,5	6	VBUF115X130,5X6	115	130,5	6
VBUF65X80,5X6	65	80,5	6	VBUF120X135,5X6	120	135,5	6
VBUF70X85,5X6	70	85,5	6	VBUF130X145,5X6	130	145,5	6
VBUF75X90,5X6	75	90,5	6	VBUF140X155,5X6	140	155,5	6
VBUF80X95,5X6	80	95,5	6	VBUF180X195,5X6	180	195,5	6

VB



OMINAISUUDET

Materiaali Nitrilikumi/Kudos/Polyasetaali
 Paine 400bar
 Nopeus 0,5 m/s
 Lämpötila -30 – +110 °C

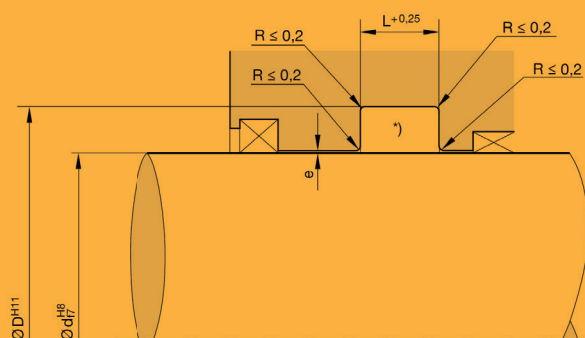
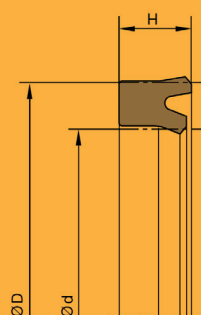
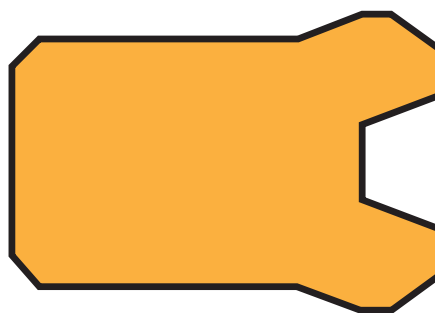
Tuotekoodi	d	D	H	VB35X45X10	35	45	10
VB20X27X6	20	27	6	VB35X45X7,5	35	45	7,5
VB20X28X5,8	20	28	5,8	VB35X50X11,5	35	50	11,5
VB20X30X8	20	30	8	VB36X46X8	36	46	8
VB20X32X9,5	20	32	9,5	VB40X48X6	40	48	6
VB22X32X7,5	22	32	7,5	VB40X50X10	40	50	10
VB22X35X9,5	22	35	9,5	VB40X50X7	40	50	7
VB25X35X8,5	25	35	8,5	VB40X52X10,5	40	52	10,5
VB25X38X9,5	25	38	9,5	VB40X52X9	40	52	9
VB28X38X7,5	28	38	7,5	VB40X55X10,5	40	55	10,5
VB28X41X10	28	41	10	VB40X55X7,5	40	55	7,5
VB30X38X6	30	38	6	VB40X60X10,5	40	60	10,5
VB30X40X10	30	40	10	VB45X55X10,5	45	55	10,5
VB30X40X7	30	40	7	VB45X55X7,5	45	55	7,5
VB30X45X9	30	45	9	VB45X60X10	45	60	10
VB32X40X8,5	32	40	8,5	VB45X63X10,5	45	63	10,5
VB32X42X8	32	42	8	VB45X65X14	45	65	14
VB32X45X9,5	32	45	9,5	VB50X60X10	50	60	10
VB34,9X50,8X8,5	34,9	50,8	8,5	VB50X60X14	50	60	14

VB

VB50X60X7,5	50	60	7,5
VB50X62X9,5	50	62	9,5
VB50X65X10,5	50	65	10,5
VB50X70X14	50	70	14
VB55X65X10,5	55	65	10,5
VB55X75X14	55	75	14
VB56X71X10	56	71	10
VB56X71X12	56	71	12
VB56X76X14	56	76	14
VB57,15X69,85X9,52	57,15	69,85	9,52
VB60X70X10,5	60	70	10,5
VB60X70X12,5	60	70	12,5
VB60X72X9,5	60	72	9,5
VB60X75X12,5	60	75	12,5
VB60X80X14	60	80	14
VB63X75X10,5	63	75	10,5
VB63X83X14	63	83	14
VB65X75X13	65	75	13
VB65X80X12	65	80	12
VB65X85X14	65	85	14
VB70X80X12,5	70	80	12,5
VB70X84X12	70	84	12
VB70X85X12	70	85	12
VB70X90X14	70	90	14
VB75X85X10,5	75	85	10,5

VB75X85X12	75	85	12
VB75X95X14	75	95	14
VB80X100X12	80	100	12
VB80X100X14	80	100	14
VB80X90X12,5	80	90	12,5
VB80X95X10	80	95	10
VB80X95X11,5	80	95	11,5
VB80X95X12,5	80	95	12,5
VB80X96X10	80	96	10
VB90X100X10,5	90	100	10,5
VB90X105X12	90	105	12
VB90X110X12	90	110	12
VB100X113X13	100	113	13
VB100X115X12	100	115	12
VB100X120X14	100	120	14
VB110X130X12	110	130	12
VB115X135X15,5	115	135	15,5
VB120X140X12	120	140	12
VB125X150X14	125	150	14
VB140X160X12	140	160	12
VB150X170X14	150	170	14
VB160X180X14	160	180	14
VB180X200X14	180	200	14
VB200X220X14,5	200	220	14,5

VGC

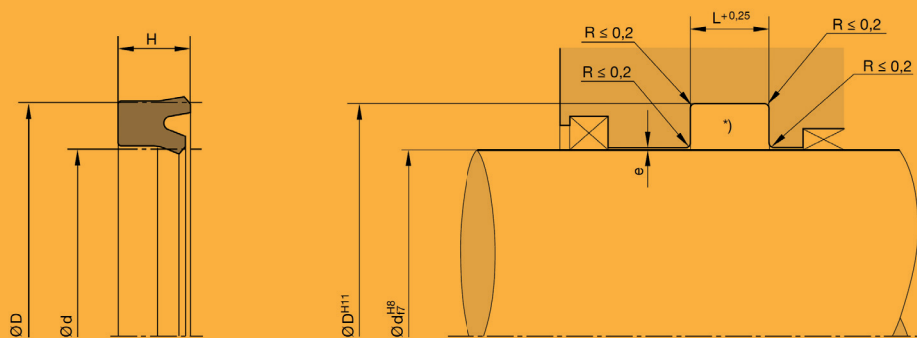
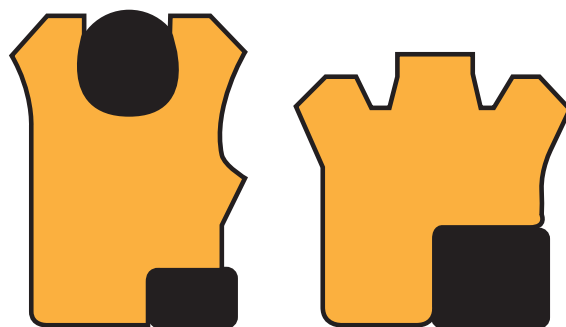


OMINAISUUDET

Materiaali Polyuretaani
Paine 400bar
Nopeus 0,5 m/s
Lämpötila -35 – +10 °C

Tuotekoodi	d	D	H				
VGC12X19X5	12	19	5	VGC45X53X8	45	53	8
VGC18X25X5	18	25	5	VGC45X55X7,3	45	55	7,3
VGC18X26X5,7	18	26	5,7	VGC50X58X8	50	58	8
VGC20X26X5	20	26	5	VGC50X60X10	50	60	10
VGC22X30X7	22	30	7	VGC50X60X7,3	50	60	7,3
VGC22X32X8	22	32	8	VGC50X65X10	50	65	10
VGC25X33X5,7	25	33	5,7	VGC55X63X8	55	63	8
VGC28X36X5,7	28	36	5,7	VGC55X65X7,2	55	65	7,2
VGC30X38X5,7	30	38	5,7	VGC56X64X8	56	64	8
VGC30X38X8	30	38	8	VGC56X71X8,5	56	71	8,5
VGC32X40X8	32	40	8	VGC60X68X8	60	68	8
VGC32X42X7,3	32	42	7,3	VGC60X70X7,5	60	70	7,5
VGC32X42X8	32	42	8	VGC60X72X9	60	72	9
VGC35X43X6	35	43	6	VGC63X78X11,4	63	78	11,4
VGC35X45X7	35	45	7	VGC65X73X8	65	73	8
VGC36X44X5,7	36	44	5,7	VGC70X78X8	70	78	8
VGC36X44X7	36	44	7	VGC70X80X6,5	70	80	6,5
VGC36X44X8	36	44	8	VGC70X82X9	70	82	9
VGC36X46X7,3	36	46	7,3	VGC80X88X8	80	88	8
VGC40X48X8	40	48	8	VGC90X100X6,5	90	100	6,5
VGC40X50X7,3	40	50	7,3	VGC90X98X8	90	98	8
VGC45X53X5,7	45	53	5,7	VGC105X113X6,5	105	113	6,5

VBU/VBD

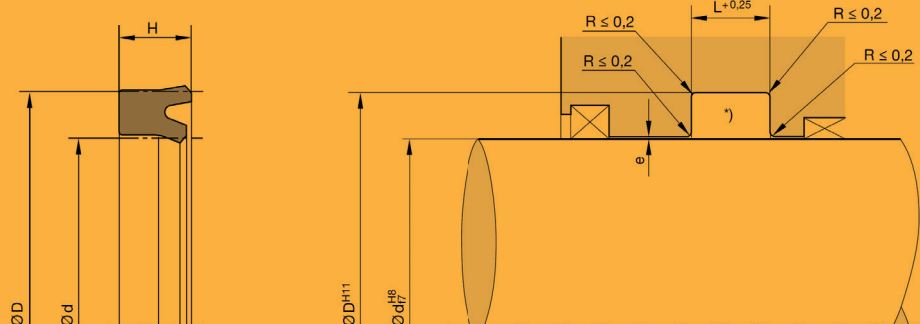
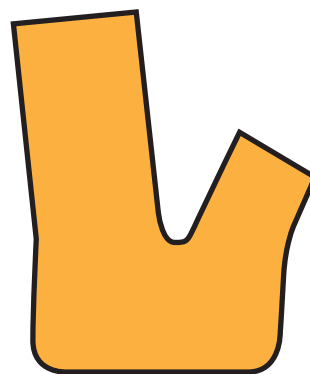


OMINAISUUDET

Materiaali Polyuretaani/Polyasetaali/Nitriilikumi
 Paine 500bar
 Nopeus 0,5 m/s
 Lämpötila -35 – +110 °C

Tuotekoodi	d	D	H
VBD40X55X11,4	40	55	11,4
VBD60X75X11,4	60	75	11,4
VBD63X78X11,5	63	78	11,5
VBD70X85X11,4	70	85	11,4
VBU70X85X8,5	70	85	8,5
VBD75X90X11,4	75	90	11,4
VBU75X90X8,5	75	90	8,5
VBD80X95X11,4	80	95	11,4
VBU80X95X8,5	80	95	8,5
VBD90X105X11,4	90	105	11,4
VBU90X105X8,5	90	105	8,5
VBD100X115X12	100	115	12
VBD100X125X15	100	125	15
VBU110X130X11,4	110	130	11,4
VBD160X180X14,5	160	180	14,5
VBD170X190X14,5	170	190	14,5

VN...C1

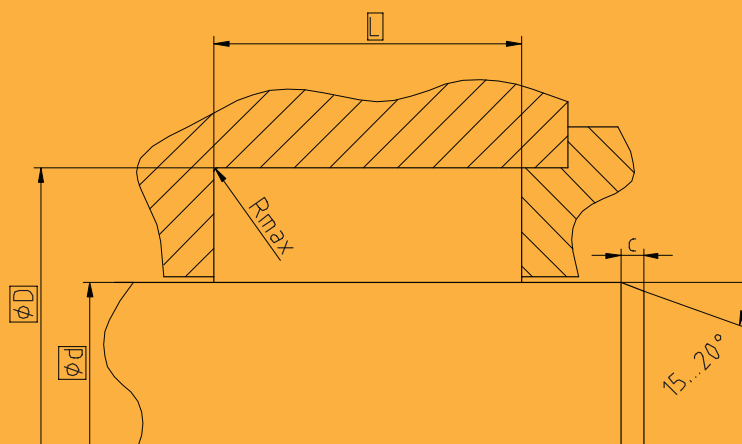


OMINAISUUDET

Materiaali	Nitrilikumi	
Paine	16obar hydraulikassa	16bar pneumatiikassa
Nopeus	0,5 m/s hydraulikassa	1,0 m/s pneumatiikassa
Lämpötila	-35 – +100 °C hydraulikassa	-35 – +80 °C pneumatiikassa

Tuotekoodi	d	D	H				
VN4X9X3,5C1	4	9	3,5	VN30X38X5,5C1	30	38	5,5
VN6X10X3C1	6	10	3	VN30X40X7C1	30	40	7
VN6X12X4C1	6	12	4	VN32X42X7C1	32	42	7
VN8X16X5,5C1	8	16	5,5	VN32X48X8C1	32	48	8
VN10X16X4,5C1	10	16	4,5	VN40X50X7C1	40	50	7
VN10X18X5,5C1	10	18	5,5	VN45X55X7C1	45	55	7
VN12X19X4,5C1	12	19	4,5	VN55X65X7,3C1	55	65	7,3
VN14X22X5,5C1	14	22	5,5	VN60X72X8,5C1	60	72	8,5
VN16X24X5,5C1	16	24	5,5	VN63X75X8,5C1	63	75	8,5
VN18X25X5,5C1	18	25	5,5	VN65X77X8,5C1	65	77	8,5
VN18X26X5,5C1	18	26	5,5	VN70X82X8,5C1	70	82	8,5
VN20X28X5,5C1	20	28	5,5	VN80X92X8,5C1	80	92	8,5
VN20X30X7C1	20	30	7	VN80X95X10C1	80	95	10
VN22X30X5,5C1	22	30	5,5	VN90X105X10C1	90	105	10
VN25X33X5,5C1	25	33	5,5	VN95X110X10C1	95	110	10
VN25X35X7C1	25	35	7	VN100X110X7C1	100	110	7
				VN100X115X10C1	100	115	10

VSM

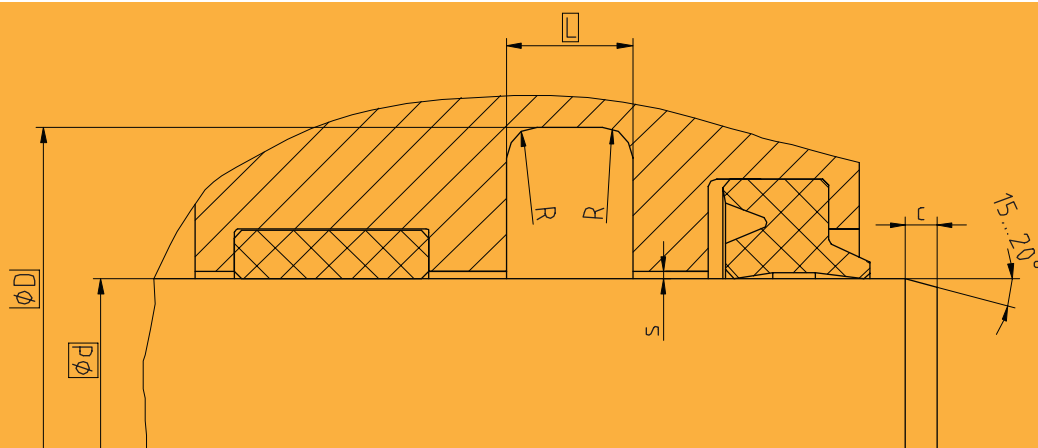


OMINAISUUDET

Materiaali Nitrilikumi/Kudos/Polyasetali
 Paine 700bar
 Nopeus 0,5 m/s
 Lämpötila -30 – +110 °C

Tuotekoodi	d	D	H	VSM80X100X30	80	100	30
VSM30X43X20	30	43	20	VSM85X105X30	85	105	30
VSM40X50X17,3	40	50	17,3	VSM85X98X25	85	98	25
VSM40X55X22,5	40	55	22,5	VSM90X105X34	90	105	34
VSM45X60X22,5	45	60	22,5	VSM90X110X30	90	110	30
VSM45X65X28	45	65	28	VSM100X120X30	100	120	30
VSM50X63X20	50	63	20	VSM105X125X30	105	125	30
VSM50X65X24,5	50	65	24,5	VSM110X130X32,5	110	130	32,5
VSM50X70X30	50	70	30	VSM120X140X30	120	140	30
VSM55X70X25	55	70	25	VSM125X145X30	125	145	30
VSM56X76X28	56	76	28	VSM130X150X28	130	150	28
VSM60X77X27	60	77	27	VSM140X160X28	140	160	28
VSM60X80X30	60	80	30	VSM140X160X30	140	160	30
VSM60X80X32	60	80	32	VSM150X170X28	150	170	28
VSM63X83X27	63	83	27	VSM160X180X28	160	180	28
VSM70X85X22,5	70	85	22,5	VSM180X205X35	180	205	35
VSM70X85X25	70	85	25	VSM230X255X35	230	255	35
VSM70X90X30	70	90	30	VSM260X280X30	260	280	30

VROTOR

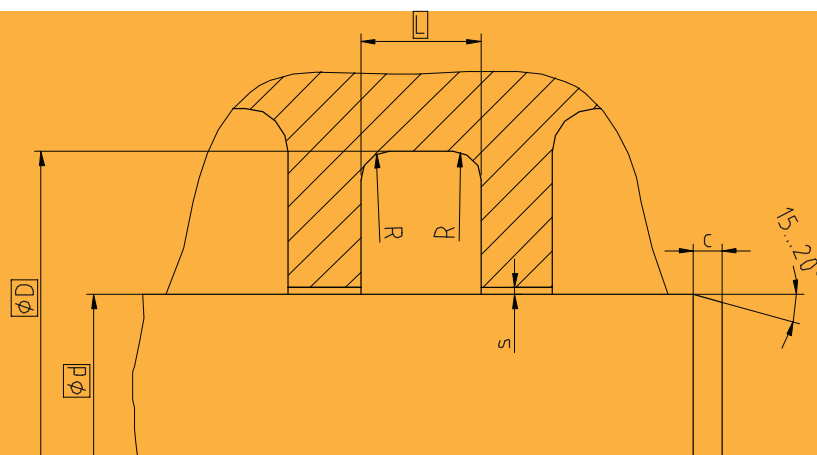


OMINAISUUDET

Materiaali	HiiliPTFE/Nitriilikumi
Paine	350bar
Nopeus	2,0 m/s kehänopeus
Lämpötila	-30 – +100 °C (+200 °C viton)

Tuotekoodi	d	D	H	VROTOR80X91X4,2	80	91	4,2
VROTOR36X43,5X3,2	36	43,5	3,2	VROTOR80X95,5X6,3	80	95,5	6,3
VROTOR45X56X4,2	45	56	4,2	VROTOR85X96X4,2	85	96	4,2
VROTOR50X61X4,2	50	61	4,2	VROTOR85X100,5X6,3	85	100,5	6,3
VROTOR50X65,5X6,3	50	65,5	6,3	VROTOR90X100X5-PU	90	100	5
VROTOR55X70,5X6,3	55	70,5	6,3	VROTOR90X105,5X6,3	90	105,5	6,3
VROTOR56X67X4,2	56	67	4,2	VROTOR110X121X4,2	110	121	4,2
VROTOR60X71X4,2	60	71	4,2	VROTOR120X131X4,2	120	131	4,2
VROTOR60X75,5X6,3	60	75,5	6,3	VROTOR120X135,5X6,3	120	135,5	6,3
VROTOR63X78,5X6,3	63	78,5	6,3	VROTOR130X141,5X4,2	130	141,5	4,2
VROTOR65X76X4,2	65	76	4,2	VROTOR165X176X4,2	165	176	4,2
VROTOR70X81X4,2	70	81	4,2	VROTOR175X186X4,2	175	186	4,2
VROTOR70X85,5X6,3	70	85,5	6,3				

IPO

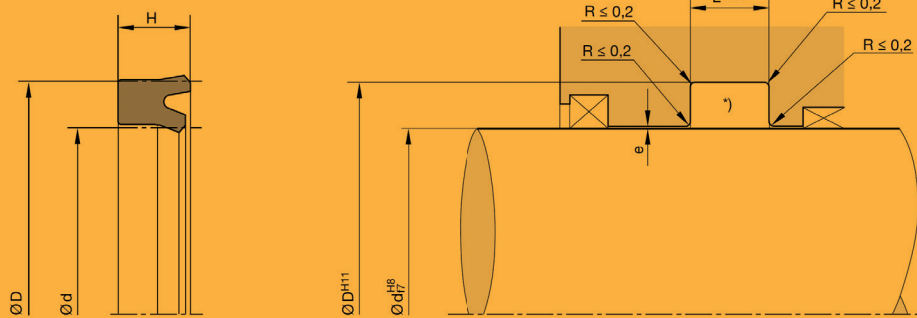


OMINAISUUDET

Materiaali	PronssiPTFE/Nitriilikumi
Paine	600 bar
Nopeus	4,0 m/s
Lämpötila	-30 – +100 °C (Viton o-renkaalla +200°C)

Tuotekoodi	d	D	L									
IPO10X14,9X2,2	10	14,9	2,2	IPO36X46,7X4,2	36	46,7	4,2	IPO95X110,1X6,3	95	110,1	6,3	
IPO10X17,3X3,2	10	17,3	3,2	IPO38X48,7X4,2	38	48,7	4,2	IPO100X115,1X6,3	100	115,1	6,3	
IPO12X16,9X2,2	12	16,9	2,2	IPO38X53,1X6,3	38	53,1	6,3	IPO100X120,5X8,1	100	120,5	8,1	
IPO12X19,3X3,2	12	19,3	3,2	IPO40X50,7X4,2	40	50,7	4,2	IPO105X120,1X6,3	105	120,1	6,3	
IPO14X21,3X3,2	14	21,3	3,2	IPO40X55,1X6,3	40	55,1	6,3	IPO110X125,1X6,3	110	125,1	6,3	
IPO16-KARA	16	18,6	3H	IPO42X52,7X4,2	42	52,7	4,2	IPO110X130,5X8,1	110	130,5	8,1	
IPO16X23,3X3,2	16	23,3	3,2	IPO45X55,7X4,2	45	55,7	4,2	IPO115X130,1X6,3	115	130,1	6,3	
IPO17X24,3X3,2	17	24,3	3,2	IPO45X60,1X6,3	45	60,1	6,3	IPO120X135,1X6,3	120	135,1	6,3	
IPO18X22,9X2,2	18	22,9	2,2	IPO50X60,7X4,2	50	60,7	4,2	IPO125X140,1X6,3	125	140,1	6,3	
IPO18X25,3X3,2	18	25,3	3,2	IPO50X65,1X6,3	50	65,1	6,3	IPO125X145,5X8,1	125	145,5	8,1	
IPO18X25,3X3,2PU	18	25,3	3,2	IPO50X65,1X6,3PU	50	65,1	6,3	IPO130X145,1X6,3	130	145,1	6,3	
IPO20X27,3X3,2	20	27,3	3,2	IPO52X62,7X4,2	52	62,7	4,2	IPO140X155,1X6,3	140	155,1	6,3	
IPO20X30,7X4,2	20	30,7	4,2	IPO55X65,7X4,2	55	65,7	4,2	IPO150X165,1X6,3	150	165,1	6,3	
IPO22X29,3X3,2	22	29,3	3,2	IPO55X70,1X6,3	55	70,1	6,3	IPO160X175,1X6,3	160	175,1	6,3	
IPO22X32,7X4,2	22	32,7	4,2	IPO56X66,7X4,2	56	66,7	4,2	IPO170X185,1X6,3	170	185,1	6,3	
IPO23X33,7X4,2	23	33,7	4,2	IPO56X71,1X6,3	56	71,1	6,3	IPO175X190,1X6,3	175	190,1	6,3	
IPO24X34,7X4,2	24	34,7	4,2	IPO60X70,7X4,2	60	70,7	4,2	IPO180X195,1X6,3	180	195,1	6,3	
IPO25X32,3X3,2	25	32,3	3,2	IPO60X75,1X6,3	60	75,1	6,3	IPO190X205,1X6,3	190	205,1	6,3	
IPO25-KARA	25	35	5H	IPO63X73,7X4,2	63	73,7	4,2	IPO190X210,5X8,1	190	210,5	8,1	
IPO25X35,7X4,2	25	35,7	4,2	IPO63X78,1X6,3	63	78,1	6,3	IPO200X220,5X8,1	200	220,5	8,1	
IPO28X35,3X3,2	28	35,3	3,2	IPO65X80,1X6,3	65	80,1	6,3	IPO210X230,5X8,1	210	230,5	8,1	
IPO28X38,7X4,2	28	38,7	4,2	IPO70X80,7X4,2	70	80,7	4,2	IPO260X284,5X8,1	260	284,5	8,1	
IPO29X36,3X3,2	29	36,3	3,2	IPO70X85,1X6,3	70	85,1	6,3	IPO270X294X8,1	270	294	8,1	
IPO30X37,3X3,2	30	37,3	3,2	IPO75X90,1X6,3	75	90,1	6,3	IPO280X304X8,1	280	304	8,1	
IPO30X40,7X4,2	30	40,7	4,2	IPO80X90,7X4,2	80	90,7	4,2	IPO300X324,5X8,1	300	324,5	8,1	
IPO31X41,7X4,2	31	41,7	4,2	IPO80X95,1X6,3	80	95,1	6,3	IPO350X374X8,1	350	374	8,1	
IPO32X39,3X3,2	32	39,3	3,2	IPO85X100,1X6,3	85	100,1	6,3	IPO390X414X8,1	390	414	8,1	
IPO32X42,7X4,2	32	42,7	4,2	IPO90X100,7X4,2	90	100,7	4,2	IPO420X444X8,1	420	444	8,1	
IPO35X45,7X4,2	35	45,7	4,2	IPO90X105,1X6,3	90	105,1	6,3	IPO460X484,5X8,1	460	484,5	8,1	
				IPO90X105,1X6,3PU	90	105,1	6,3					

S8

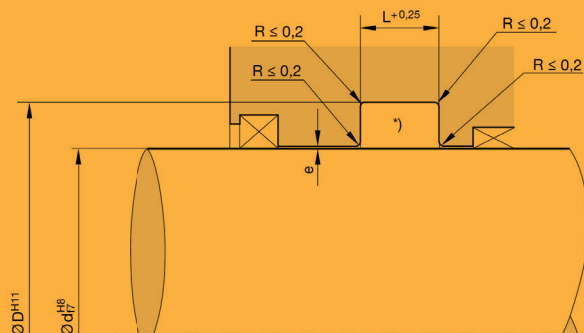
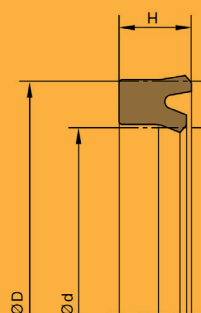
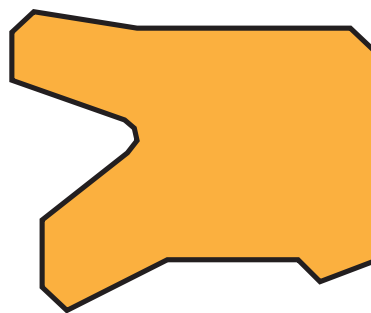


OMINAISUUDET

Materiaali Nitrilikumi/Kudos
 Paine 200 bar
 Nopeus 0,5 m/s
 Lämpötila -30 – +100 °C

Tuotekoodi	d	D	H	S8-35X43X6	35	43	6	S8-90X100X7,5	90	100	7,5
S8-10X17X6	10	17	6	S8-36X44X6	36	44	6	S8-90X102X9	90	102	9
S8-12X19X6	12	19	6	S8-40X48X6	40	48	6	S8-100X115X11,3	100	115	11,3
S8-14X22X6	14	22	6	S8-45X55X7,5	45	55	7,5	S8-105X120X11,5	105	120	11,5
S8-14X22X8	14	22	8	S8-50X60X7,5	50	60	7,5	S8-110X125X11,3	110	125	11,3
S8-16X24X6	16	24	6	S8-55X65X7,5	55	65	7,5	S8-115X130X11,3	115	130	11,3
S8-18X26X6	18	26	6	S8-56X66X7,5	56	66	7,5	S8-125X140X11,3	125	140	11,3
S8-20X28X6	20	28	6	S8-60X68X11,5	60	68	11,5	S8-145X157X8,5	145	157	8,5
S8-22X30X6	22	30	6	S8-60X70X7,5	60	70	7,5	S8-160X180X15	160	180	15
S8-25X33X6	25	33	6	S8-63X73X12	63	73	12	S8-180X200X15	180	200	15
S8-28X36X6	28	36	6	S8-63X75X9	63	75	9	S8-190X210X15	190	210	15
S8-30X38X6	30	38	6	S8-65X77X9	65	77	9	S8-200X220X15	200	220	15
S8-30X40X9	30	40	9	S8-70X82X9	70	82	9	S8-220X240X15	220	240	15
S8-32X40X6	32	40	6	S8-75X87X9	75	87	9				
S8-32X46X10	32	46	10	S8-80X92X9	80	92	9				

KT

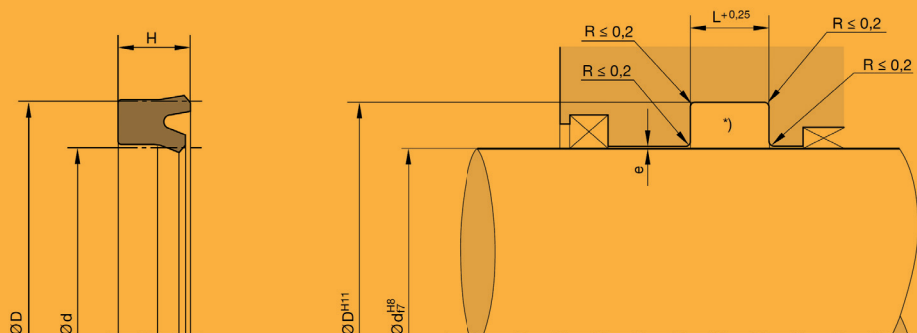
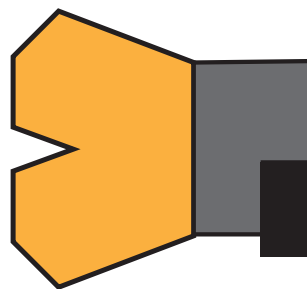


OMINAISUUDET

Materiaali Polyuretaani
 Paine 400 bar
 Nopeus 0,5 m/s
 Lämpötila -30 – +110 °C

Tuotekoodi	d	D	H	KT84,5X94X11	84,5	94	11	KT115X123X11,5	115	123	11,5	KT150X160X13,5	150	160	13,5
KT49,5X59X10	49,5	59	10	KT84,5X94X14	84,5	94	14	KT115X124X10	115	124	10	KT150X160X14,5	150	160	14,5
KT50X58X11,5	50	58	11,5	KT84,5X95X11	84,5	95	11	KT115X124X14,5	115	124	14,5	KT152X162X11,5	152	162	11,5
KT50X59X10	50	59	10	KT85X93X11,5	85	93	11,5	KT120X130X10	120	130	10	KT160X168X11	160	168	11
KT55X63X11,5	55	63	11,5	KT85X94X10	85	94	10	KT124,5X134X10	124,5	134	10	KT160X169X10	160	169	10
KT55X64X13,5	55	64	13,5	KT85X94X13,5	85	94	13,5	KT124,5X135X11	124,5	135	11	KT160X170X10	160	170	10
KT55X64X14,5	55	64	14,5	KT85X94X14,5	85	94	14,5	KT125X133X11	125	133	11	KT160X170X11,5	160	170	11,5
KT60X70X13,5	60	70	13,5	KT90X100X10	90	100	10	KT125X133X11,5	125	133	11,5	KT165X174X11	165	174	11
KT64,5X75X11	64,5	75	11	KT95X103X11,5	95	103	11,5	KT125X134X10	125	134	10	KT170X180X10	170	180	10
KT64,5X75X14	64,5	75	14	KT95X104X10	95	104	10	KT125X135X11,5	125	135	11,5	KT170X180X14,5	170	180	14,5
KT65X73X11,5	65	73	11,5	KT100X108X11,5	100	108	11,5	KT130X140X14,5	130	140	14,5	KT172X182X11,5	172	182	11,5
KT65X74X10	65	74	10	KT100X109X14,5	100	109	14,5	KT132X140X11,5	132	140	11,5	KT180X188X11	180	188	11
KT70X78X11,5	70	78	11,5	KT100X110X13,5	100	110	13,5	KT132X141X11,5	132	141	11,5	KT180X190X10	180	190	10
KT70X79X13,5	70	79	13,5	KT104,5X115X11	104,5	115	11	KT132X142X14,5	132	142	14,5	KT180X190X11,5	180	190	11,5
KT70X79X14,5	70	79	14,5	KT104,5X115X14	104,5	115	14	KT135X144X10	135	144	10	KT185X194X10,5	185	194	10,5
KT75X83X11,5	75	83	11,5	KT105X114X10	105	114	10	KT140X150X10	140	150	10	KT190X200X14,5	190	200	14,5
KT75X85X10	75	85	10	KT105X115X10	105	115	10	KT142X150X11	142	150	11	KT194X204X11,5	194	204	11,5
KT80X88X11,5	80	88	11,5	KT110X118X11	110	118	11	KT142X151X10	142	151	10	KT200X209X10	200	209	10
KT80X89X10	80	89	10	KT110X119X10	110	119	10	KT142X152X11,5	142	152	11,5	KT200X210X10	200	210	10
KT80X90X13,5	80	90	13,5	KT110X120X13,5	110	120	13,5	KT145X154X10	145	154	10	KT212X225X14,8	212	225	14,8
												KT218X228X11,5	218	228	11,5

MGD

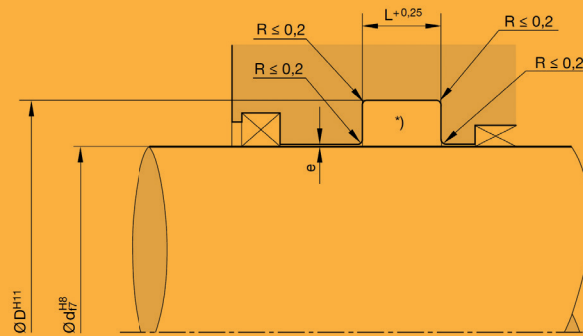
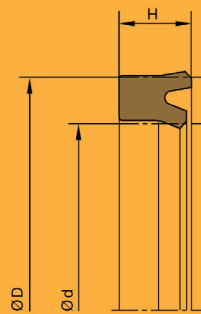
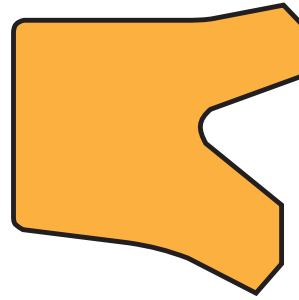


OMINAISUUDET

Materiaali Nitrilikumi/Kudos/Polyasetaali
 Paine 400 bar
 Nopeus 0,5 m/s
 Lämpötila -30 – +100 °C

Tuotekoodi	d	D	H
MGD25X35X8	25	35	8
MGD25X40X10	25	40	10
MGD30X45X10	30	45	10
MGD40X55X10	40	55	10
MGD50X65X10	50	65	10
MGD65X85X12	65	85	12
MGD80X100X12	80	100	12
MGD90X110X12	90	110	12
MGD110X130X12	110	130	12

T20

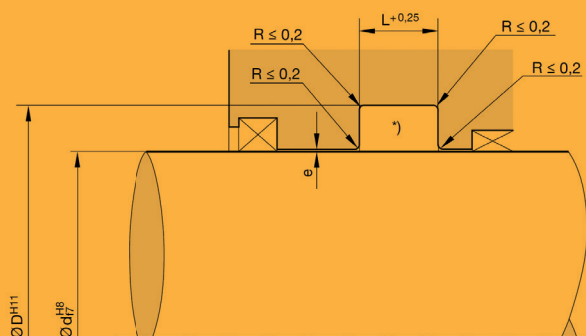
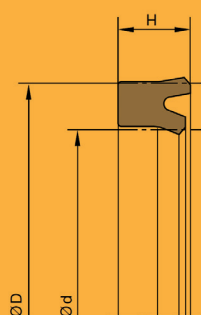
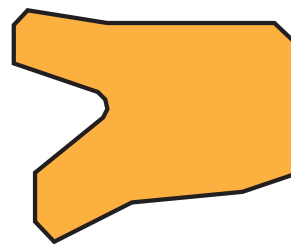


OMINAISUUDET

Materiaali Polyuretaani
 Paine 400 bar
 Nopeus 0,5 m/s
 Lämpötila -30 – +110 °C

Tuotekoodi	d	D	H	T20-80X92X8,7	80	92	8,7
T20-12X22X8,2	12	22	8,2	T20-80X95X11,4	80	95	11,4
T20-25X35X7,3	25	35	7,3	T20-85X100X11,4	85	100	11,4
T20-30X38X5,7	30	38	5,7	T20-90X105X11,4	90	105	11,4
T20-35X43X5,7	35	43	5,7	T20-100X115X10,9	100	115	10,9
T20-36X46X7,3	36	46	7,3	T20-100X120X12	100	120	12
T20-40X48X5,7	40	48	5,7	T20-105X115X12	105	115	12
T20-40X50X7,3	40	50	7,3	T20-110X125X10,9	110	125	10,9
T20-50X60X7,3	50	60	7,3	T20-110X130X14,6	110	130	14,6
T20-55X65X10	55	65	10	T20-115X130X10,9	115	130	10,9
T20-55X65X8	55	65	8	T20-120X140X14,6	120	140	14,6
T20-56X66X7,3	56	66	7,3	T20-125X140X10,9	125	140	10,9
T20-56X66X8,2	56	66	8,2	T20-125X145X14,6	125	145	14,6
T20-56X71X11,4	56	71	11,4	T20-130X140X15	130	140	15
T20-60X70X7,3	60	70	7,3	T20-140X160X14,6	140	160	14,6
T20-63X75X8,7	63	75	8,7	T20-160X185X14,6	160	185	14,6
T20-70X85X10	70	85	10	T20-180X200X14,6	180	200	14,6
T20-70X85X11,4	70	85	11,4	T20-200X220X14,6	200	220	14,6

VUN

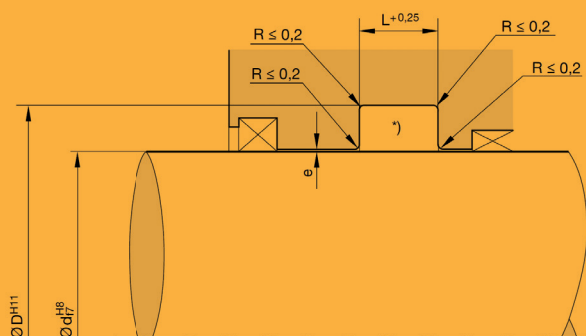
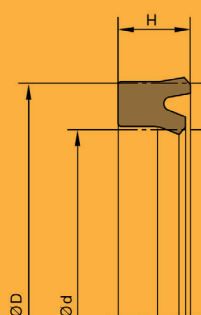


OMINAISUUDET

Materiaali	Polyuretaani
Paine	400 bar
Nopeus	0,5 m/s
Lämpötila	-30 – +110 °C

Tuotekoodi	d	D	H	VUN65X80X10	65	80	10
VUN8X18X8	8	18	8	VUN70X80X12	70	80	12
VUN12X16X3	12	16	3	VUN70X84X10	70	84	10
VUN12X20X5,7	12	20	5,7	VUN70X90X11,4	70	90	11,4
VUN14X24X7,2	14	24	7,2	VUN70X90X12	70	90	12
VUN16X20,6X3	16	20,6	3	VUN75X89X10	75	89	10
VUN18X24X4,7	18	24	4,7	VUN80X90X9	80	90	9
VUN18X26X5,3	18	26	5,3	VUN80X92X8,6	80	92	8,6
VUN18X26X5,7	18	26	5,7	VUN80X94X10	80	94	10
VUN20X26X5	20	26	5	VUN80X95X10	80	95	10
VUN20X28X5,7	20	28	5,7	VUN82,55X95,25X9,5	82,55	95,25	9,5
VUN20X30X7,3	20	30	7,3	VUN90X102X9	90	102	9
VUN22X30X5,7	22	30	5,7	VUN90X105X11,4	90	105	11,4
VUN25X33X10	25	33	10	VUN90X105X8,5	90	105	8,5
VUN25X35X7,3	25	35	7,3	VUN90X110X12	90	110	12
VUN30X38X5,7	30	38	5,7	VUN90X110X14,5	90	110	14,5
VUN32X40X5,7	32	40	5,7	VUN95X110X12	95	110	12
VUN32X46X10	32	46	10	VUN95X110X9	95	110	9
VUN35X43X5,7	35	43	5,7	VUN100X115X10,9	100	115	10,9
VUN35X46X8	35	46	8	VUN100X115X9	100	115	9
VUN36X46X10	36	46	10	VUN100X120X12	100	120	12
VUN36X47X4	36	47	4	VUN100X120X14,5	100	120	14,5
VUN38,1X50,8X9,52	38,1	50,8	9,52	VUN100X120X9	100	120	9
VUN40X48X11	40	48	11	VUN105X115X10	105	115	10
VUN40X48X5,7	40	48	5,7	VUN110X125X9,6	110	125	9,6
VUN40X48X8	40	48	8	VUN110X130X13	110	130	13
VUN40X50X7,3	40	50	7,3	VUN110X130X14,5	110	130	14,5
VUN40X55X7,2	40	55	7,2	VUN120X130X14	120	130	14
VUN45X53X5,6	45	53	5,6	VUN120X135X14,5	120	135	14,5
VUN45X55X5,7	45	55	5,7	VUN120X140X14,6	120	140	14,6
VUN56X66X8	56	66	8	VUN130X145X10,2	130	145	10,2
VUN56X71X10	56	71	10	VUN130X145X9	130	145	9
VUN63X73X10	63	73	10	VUN140X155X12	140	155	12
VUN63X78X10	63	78	10	VUN140X160X13	140	160	13
VUN63X78X12	63	78	12	VUN160X180X12	160	180	12
VUN63X83X12	63	83	12	VUN190X210X15	190	210	15
VUN63,5X76,2X9,52	63,5	76,2	9,52	VUN200X220X15	200	220	15
VUN65X75X12	65	75	12	VUN220X240X15	220	240	15
VUN65X77X9	65	77	9	VUN250X280X17	250	280	17
VUN65X78X10	65	78	10				

TDI



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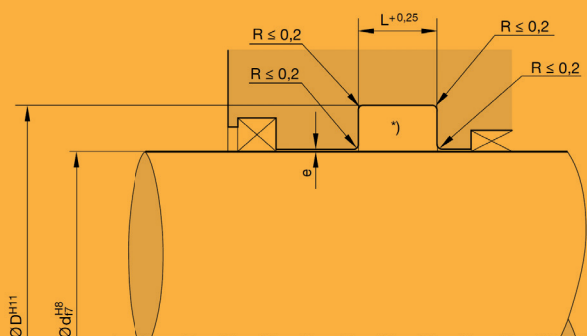
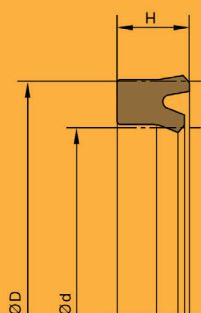
Materiaali Polyuretaani/PronssiPTFE
 Paine 450 bar
 Nopeus 1,0 m/s
 Lämpötila -30 – +100 °C

Tuotekoodi	d	D	H				
TDI35X43X7	35	43	7	TDI80X95X12	80	95	12
TDI36X44X8	36	44	8	TDI90X105X12	90	105	12
TDI40X48X8	40	48	8	TDI100X115X12	100	115	12
TDI45X55X10	45	55	10	TDI105X125X16	105	125	16
TDI50X60X10	50	60	10	TDI110X125X12	110	125	12
TDI56X71X12	56	71	12	TDI115X130X12	115	130	12
TDI60X75X12	60	75	12	TDI120X140X16	120	140	16
TDI63X78X12	63	78	12	TDI125X145X16	125	145	16
TDI65X80X12	65	80	12	TDI130X150X16	130	150	16
TDI70X85X12	70	85	12	TDI140X160X16	140	160	16
				TDI160X180X16	160	180	16

M17



M19



OMINAISUUDET

Materiaali Nitrilikumi/Kudos
Paine 200 bar
Nopeus 0,1 m/s
Lämpötila -30 – +80 °C

Materiaali Nitrilikumi/Kudos/Polyasetäali
Paine 400 bar
Nopeus 0,2 m/s
Lämpötila -30 – +80 °C

Tuotekoodi	d	D	H	M17-85X100X11	85	100	11
M17-35X45X8	35	45	8	M17-100X112X12,5	100	112	12,5
M17-40X52X8	40	52	8	M17-100X120X13	100	120	13
M17-45X57X8	45	57	8	M19-100X120X13	100	120	13
M17-50X62X8	50	62	8	M17-125X145X13	125	145	13
M17-55X67X8	55	67	8	M19-125X145X13	125	145	13
M17-56X68X8	56	68	8	M19-130X150X11	130	150	11
M17-60X75X11	60	75	11	M17-140X160X13	140	160	13
M17-65X80X11	65	80	11	M17-150X175X16	150	175	16
M17-75X90X11	75	90	11	M17-200X225X16	200	225	16
M17-80X95X11	80	95	11				

TRU

Uranrenkaan tukirengas



OMINAISUUDET

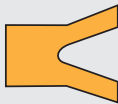
Materiaali Lasi+MOS₂-PTFE
Lämpötila -200 – +260 °C

Tuotekoodi	d	D	H	TRU75X90X3	75	90	3
TRU40X50X1,5	40	50	1,5	TRU80X95X2,2	80	95	2,2
TRU40X50X3	40	50	3	TRU80X95X3	80	95	3
TRU45X60X3	45	60	3	TRU85X100X3	85	100	3
TRU50X63X3	50	63	3	TRU85X105X3	85	105	3
TRU55X68X3	55	68	3	TRU90X105X3	90	105	3
TRU60X75X3	60	75	3	TRU95X110X3	95	110	3
TRU63X78X3	63	78	3	TRU100X115X3	100	115	3
TRU65X75X3	65	75	3	TRU100X120X3	100	120	3
TRU65X78X3	65	78	3	TRU110X130X3	110	130	3
TRU65X80X3	65	80	3	TRU115X130X3	115	130	3
TRU70X80X3	70	80	3	TRU120X140X3	120	140	3
TRU70X83X3	70	83	3	TRU130X145X3	130	145	3
TRU70X84X3	70	84	3	TRU140X160X3	140	160	3
TRU70X85X3	70	85	3				

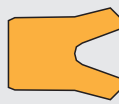
Varren- ja männäntiivisteet



VPA 30

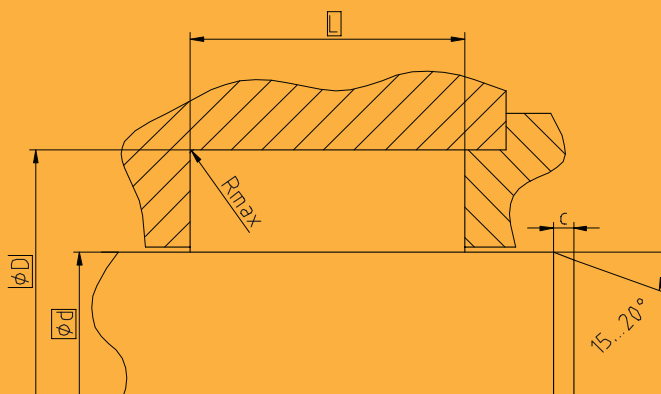


N 32



UN 34

VPA



OMINAISUUDET

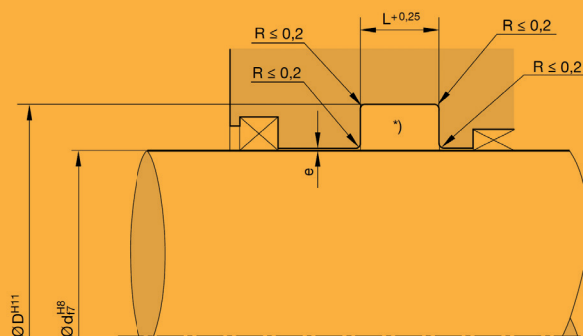
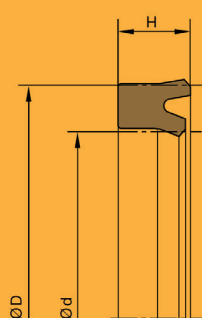
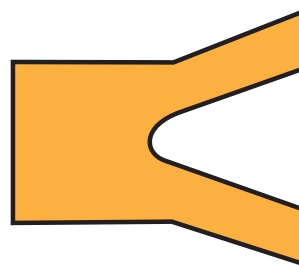
Materiaali	Nitriilikumi/Kudos
Paine	400 bar
Nopeus	0,5 m/s
Lämpötila	-30 – +110 °C

Tuotekoodi	d	D	H
VPA8X18X18,5	8	18	18,5
VPA12X22X18,5	12	22	18,5
VPA18X28X13,5	18	28	13,5
VPA19,05X28,58X22,225	19,05	28,58	22,225
VPA20X30X18,5	20	30	18,5
VPA20X32X22,5	20	32	22,5
VPA20X35X12	20	35	12
VPA20X35X21	20	35	21
VPA22X32X18,5	22	32	18,5
VPA22X34X22,5	22	34	22,5
VPA25X35X19,5	25	35	19,5
VPA25X37X22,5	25	37	22,5
VPA25X38X14	25	38	14
VPA25X40X22,5	25	40	22,5
VPA25,4X37,5X15	25,4	37,5	15
VPA26X42X27,7	26	42	27,7
VPA28X40X14	28	40	14
VPA28X40X22,5	28	40	22,5
VPA30X40X21,8	30	40	21,8
VPA30X42X22,5	30	42	22,5
VPA30X45X11,5	30	45	11,5
VPA30X45X22,5	30	45	22,5
VPA31,75X44,45X22,2	31,75	44,45	22,2
VPA31,75X47,62X33,9	31,75	47,62	33,9
VPA32X42X17,5	32	42	17,5
VPA32X44X22,5	32	44	22,5
VPA32X47X22,5	32	47	22,5
VPA34,9X50,8X29	34,9	50,8	29
VPA35X45X17,2	35	45	17,2
VPA35X47X22,5	35	47	22,5
VPA35X50X22,5	35	50	22,5
VPA36X46X14	36	46	14
VPA36X48X22,5	36	48	22,5
VPA36X51X22,5	36	51	22,5
VPA37X53,2X29	37	53,2	29
VPA38,1X50,8X19	38,1	50,8	19
VPA38,1X50,8X25,4	38,1	50,8	25,4
VPA40X50X17,3	40	50	17,3
VPA40X52X22,5	40	52	22,5
VPA40X55X22,5	40	55	22,5
VPA40X56X20	40	56	20
VPA40X60X28,5	40	60	28,5
VPA42X54X22,5	42	54	22,5
VPA44,45X57,15X25,4	44,45	57,15	25,4
VPA45X55X13	45	55	13
VPA45X55X14,7	45	55	14,7
VPA45X60X11	45	60	11
VPA45X60X22,5	45	60	22,5
VPA45X61X29M	45	61	29
VPA45X65X22,5	45	65	22,5
VPA48X60X24,5	48	60	24,5
VPA48X63X23	48	63	23
VPA50X65X22,5	50	65	22,5
VPA50X65X26,4	50	65	26,4
VPA50X66X28,1	50	66	28,1
VPA50X70X14,6	50	70	14,6
VPA50X70X30	50	70	30
VPA50,8X63,5X19,5	50,8	63,5	19,5
VPA50,8X66,68X28,8	50,8	66,68	28,8
VPA50,8X69,85X25,9	50,8	69,85	25,9

VPA52X72X35	52	72	35
VPA54X73X32	54	73	32
VPA55X67X24	55	67	24
VPA55X70X22,5	55	70	22,5
VPA55X75X18,3	55	75	18,3
VPA55X75X30	55	75	30
VPA55X75X34	55	75	34
VPA56X68X20	56	68	20
VPA56X71X22,5	56	71	22,5
VPA56X76X22	56	76	22
VPA56X76X32,5	56	76	32,5
VPA56X76X37,5	56	76	37,5
VPA57,15X69,8X19,05	57,15	69,8	19,05
VPA57,15X69,85X25,4	57,15	69,85	25,4
VPA57,15X76,2X25,4	57,15	76,2	25,4
VPA57,5X76,3X30	57,5	76,3	30
VPA60X75X22,5	60	75	22,5
VPA60X80X14,6	60	80	14,6
VPA60X80X15	60	80	15
VPA60X80X25	60	80	25
VPA60X80X37	60	80	37
VPA60,3X76,2X25,4	60,3	76,2	25,4
VPA62,4X76,4X18	62,4	76,4	18
VPA63X78X22,5	63	78	22,5
VPA63X83X37	63	83	37
VPA63,5X76,2X24,6	63,5	76,2	24,6
VPA63,5X79,3X28,1	63,5	79,3	28,1
VPA63,5X82,5X25,5	63,5	82,5	25,5
VPA65X77X20	65	77	20
VPA65X80X22,5	65	80	22,5
VPA65X85X35	65	85	35
VPA65X85X40	65	85	40
VPA69,8X82,5X21	69,8	82,5	21
VPA69,85X88,9X25,5	69,85	88,9	25,5
VPA70X85X22,5	70	85	22,5
VPA70X85X28	70	85	28
VPA70X90X21,2	70	90	21,2
VPA70X90X32	70	90	32
VPA70X90X40	70	90	40
VPA75X90X22,5	75	90	22,5
VPA75X95X23,5	75	95	23,5
VPA75X95X35	75	95	35
VPA75X100X42	75	100	42
VPA75X100X47,5	75	100	47,5
VPA76X90X22	76	90	22
VPA76X95X34	76	95	34
VPA76,2X88,9X22,5	76,2	88,9	22,5
VPA80X95X22,5	80	95	22,5
VPA80X100X21,2	80	100	21,2
VPA80X100X40	80	100	40
VPA80X105X27,4	80	105	27,4
VPA82,5X101,6X28,6	82,5	101,6	28,6
VPA85X100X22,5	85	100	22,5
VPA85X105X40	85	105	40
VPA88,9X101,6X19,05	88,9	101,6	19,05
VPA88,9X107,9X25,4	88,9	107,9	25,4
VPA88,9X114,3X31,75	88,9	114,3	31,75
VPA90X105X22,5	90	105	22,5
VPA90X105X34	90	105	34
VPA90X110X20	90	110	20
VPA90X110X26,9	90	110	26,9

VPA90X110X30,6	90	110	30,6
VPA90X110X40	90	110	40
VPA90X115X18,6	90	115	18,6
VPA90X115X25	90	115	25
VPA93,662X107,95X22,2	93,662	107,95	22,2
VPA95X115X25	95	115	25
VPA95,25X114,3X25,4	95,25	114,3	25,4
VPA100X115X21,5	100	115	21,5
VPA100X115X28,5	100	115	28,5
VPA100X115X30	100	115	30
VPA100X120X25	100	120	25
VPA100X120X40	100	120	40
VPA100X125X25	100	125	25
VPA100X125X28	100	125	28
VPA101,6X127X38,1	101,6	127	38,1
VPA105X125X29	105	125	29
VPA110X125X30	110	125	30
VPA110X130X25,5	110	130	25,5
VPA110X130X29	110	130	29
VPA110X130X40	110	130	40
VPA115X130X30	115	130	30
VPA115X140X34	115	140	34
VPA120X133X21,5	120	133	21,5
VPA120X135X22	120	135	22
VPA120X140X30	120	140	30
VPA120X150X29	120	150	29
VPA123,82X142,87X22,2	123,82	142,87	22,2
VPA125X140X32	125	140	32
VPA125X140X34	125	140	34
VPA125X145X32	125	145	32
VPA125X146X33	125	146	33
VPA125X155X95-1000	125	155	95
VPA130X160X28	130	160	28
VPA135X160X34	135	160	34
VPA140X155X34	140	155	34
VPA140X160X25	140	160	25
VPA140X160X28,5	140	160	28,5
VPA140X160X30,5	140	160	30,5
VPA140X165X46	140	165	46
VPA140X170X46	140	170	46
VPA150X180X45	150	180	45
VPA160X180X40	160	180	40
VPA160X190X33	160	190	33
VPA170X200X32,5	170	200	32,5
VPA180X210X30	180	210	30
VPA180X210X61	180	210	61
VPA185X210X24	185	210	24
VPA200X220X20,5	200	220	20,5
VPA200X220X40	200	220	40
VPA210X240X40	210	240	40
VPA210X240X45	210	240	45
VPA280X320X81	280	320	81
VPA285X315X58	285	315	58
VPA290X320X42	290	320	42
VPA300X330X45	300	330	45
VPA360X400X51,8	360	400	51,8
VPA400X430X60	400	430	60
VPA400X440X130	400	440	130
VPA420X460X65	420	460	65

N



OMINAISUUDET

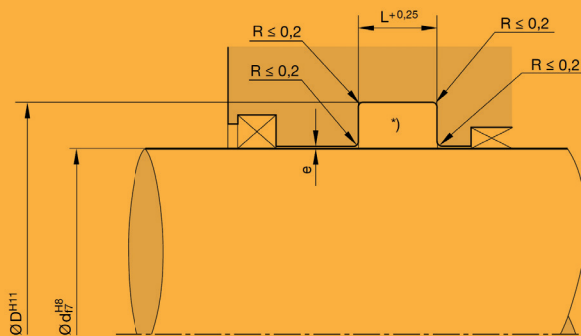
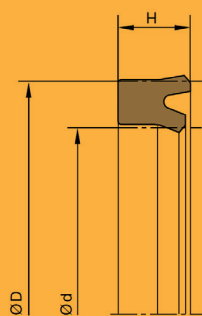
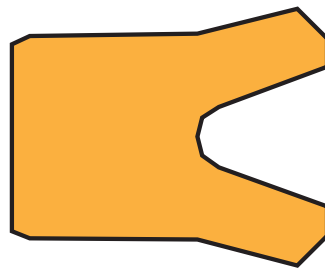
Materiaali	Nitriilikumi	
Paine	110 bar hydrauliiikka	16 bar pneumatiikka
Nopeus	0,5 m/s	
Lämpötila	-30 – +100 °C	-30 – + 80°C

Tuotekoodi	d	D	H
N3,175X9,52X3,17	3,175	9,52	3,17
N4X10X4	4	10	4
N4X12X4	4	12	4
N5X12X5	5	12	5
N6X10X4	6	10	4
N6X15X5	6	15	5
N6X18X8	6	18	8
N7X15X5	7	15	5
N8X14X4	8	14	4
N8X15X6	8	15	6
N10X14X2	10	14	2
N10X14X2,8	10	14	2,8
N10X15X4	10	15	4
N10X16X4	10	16	4
N11X17X3	11	17	3
N12X16X3	12	16	3
N12X18X5,4	12	18	5,4
N12X20X5	12	20	5
N12X22X5	12	22	5
N12X22X7	12	22	7
N12X24X6	12	24	6
N13X24X6	13	24	6
N14X20X4	14	20	4
N14X20X5	14	20	5
N14X22X4	14	22	4
N14X22X5	14	22	5
N14X22X8	14	22	8
N14X24X5	14	24	5
N15X22X4	15	22	4
N15X25X5	15	25	5
N15X30X8	15	30	8
N15X35X7	15	35	7
N16X22X5	16	22	5
N16X22X6	16	22	6
N16X24X4	16	24	4
N16X26X5	16	26	5
N16X28X5	16	28	5
N18X28X6	18	28	6

N18X30X5	18	30	5
N18X30X6	18	30	6
N20X26X6	20	26	6
N20X28X4	20	28	4
N20X30X5	20	30	5
N20X30X8	20	30	8
N20X30X10	20	30	10
N20X35X10	20	35	10
N20X36X8	20	36	8
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N22X32X5	22	32	5
N22X35X7	22	35	7
N22,4X30X5	22,4	30	5
N25X35X5	25	35	5
N25X35X7	25	35	7
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N30X40X5	30	40	5
N30X40X10	30	40	10
N30X40X11,5	30	40	11,5
N30X42X8	30	42	8
N30X42X10	30	42	10
N30X45X10	30	45	10
N32X40X4	32	40	4
N32X40X5	32	40	5
N32X44X6	32	44	6
N35X45X6	35	45	6
N35X47X6	35	47	6
N35X50X10	35	50	10
N36X46X5	36	46	5
N36X50X7	36	50	7
N38X50X10	38	50	10
N40X50X5	40	50	5
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N40X56X10	40	56	10
N42X52X7	42	52	7
N45X55X6	45	55	6
N45X65X12	45	65	12
N48X60X6	48	60	6

N50X60X7	50	60	7
N50X63X9	50	63	9
N50X65X10	50	65	10
N50X70X10	50	70	10
N53X63X6	53	63	6
N55X75X10	55	75	10
N60X70X6	60	70	6
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N65X75X7,3	65	75	7,3
N65X80X7,5	65	80	7,5
N70X80X7	70	80	7
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N70X90X10	70	90	10
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N80X90X5	80	90	5
N80X100X10	80	100	10
N80X100X12	80	100	12
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N85X105X15	85	105	15
N86,9X101X11	86,9	101	11
N88X100X6	88	100	6
N90X110X10	90	110	10
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N90X120X15	90	120	15
N92X100X6	92	100	6
N95X115X10	95	115	10
N100X120X10	100	120	10
N100X120X12	100	120	12
N140X160X14	140	160	14
N160X180X15	160	180	15
N170X200X15	170	200	15

UN



OMINAISUUDET

Materiaali Polyuretaani
Paine 400 bar
Nopeus 0,5 m/s
Lämpötila -30 – +110 °C

Tuotekoodi	d	D	H
UN3X8X3,5	3	8	3,5
UN3X9X4,5	3	9	4,5
UN4X10X4	4	10	4
UN5X11X4	5	11	4
UN5X11X7,9	5	11	7,9
UN5X12X5	5	12	5
UN5X12X6	5	12	6
UN5,5X12X7,5	5,5	12	7,5
UN6X12X6	6	12	6
UN6X14X6	6	14	6
UN6X14X8	6	14	8
UN6X15X8	6	15	8
UN7X11X8	7	11	8
UN7X14X8	7	14	8
UN8X14X4	8	14	4
UN8X14X6	8	14	6
UN8X15X8	8	15	8
UN8X16X6	8	16	6
UN8X16X8	8	16	8
UN8X18X6	8	18	6
UN9,5X19,05X6,35	9,5	19,05	6,35
UN10X16X4	10	16	4

UN10X16X6	10	16	6
UN10X18X5	10	18	5
UN10X18X6	10	18	6
UN10X18X8	10	18	8
UN10X20X6	10	20	6
UN10X20X8	10	20	8
UN12X16X6	12	16	6
UN12X17X3	12	17	3
UN12X18X5	12	18	5
UN12X18X6	12	18	6
UN12X20X8	12	20	8
UN12X22X8	12	22	8
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UN13X25X6	13	25	6
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UN14X24X8	14	24	8
UN15X25X8	15	25	8
UN15X25X10	15	25	10
UN15,8X22,2X6,35	15,8	22,2	6,35
UN16X22X4	16	22	4
UN16X22X5	16	22	5
UN16X26X8	16	26	8
UN16X28X5	16	28	5

UN17X25X10	17	25	10
UN18X25X5	18	25	5
UN18X26X5	18	26	5
UN18X26X8	18	26	8
UN18X28X8	18	28	8
UN18X30X10	18	28	10
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UN18X30X8	18	30	8
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UN19X25X6	19	25	6
UN20X26X5	20	26	5
UN20X28X5	20	28	5
UN20X28X6	20	28	6
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UN20X30X8	20	30	8
UN20X30X10	20	30	10
UN20X32X7,5	20	32	7,5
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UN20X40X12	20	40	12
UN22X30X7	22	30	7

UN22X30X10	22	30	10	UN38X48X7,5	38	48	7,5	UN55X70X10	55	70	10
UN22X32X8	22	32	8	UN38X50X10	38	50	10	UN55X70X12	55	70	12
UN22X35X10	22	35	10	UN38X55X10	38	55	10	UN55X75X10	55	75	10
UN25X32X4	25	32	4	UN38X58X10	38	58	10	UN55X75X12	55	75	12
UN25X32X8	25	32	8	UN38,1X57,15X12,7	38,1	57,15	12,7	UN56X66X6,7	56	66	6,7
UN25X33X5	25	33	5	UN40X48X8	40	48	8	UN56X71X10	56	71	10
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UN25X35X5	25	35	5	UN40X50X5	40	50	5	UN60X70X5	60	70	5
UN25X35X6	25	35	6	UN40X50X6	40	50	6	UN60X70X6	60	70	6
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UN25X35X10	25	35	10	UN40X50X10	40	50	10	UN60X70X10	60	70	10
UN25X36X7	25	36	7	UN40X55X10	40	55	10	UN60X70X12	60	70	12
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UN25X45X10	25	45	10	UN40X65X10	40	65	10	UN60X80X12	60	80	12
UN27X35X10	27	35	10	UN40X65X12	40	65	12	UN63X75X9	63	75	9
UN27X36X7,3	27	36	7,3	UN42X50X5	42	50	5	UN63X75X12	63	75	12
UN28X36X5	28	36	5	UN42X50X8	42	50	8	UN63X83X12	63	83	12
UN28X38X8	28	38	8	UN42X52X10	42	52	10	UN65X75X6	65	75	6
UN28X38X10	28	38	10	UN44,45X57,15X9,52	44,45	57,15	9,52	UN65X75X7,3	65	75	7,3
UN28X39X4	28	39	4	UN45X52X10	45	52	10	UN65X75X10	65	75	10
UN28X40X8	28	40	8	UN45X53X8	45	53	8	UN65X75X12	65	75	12
UN28X40X10	28	40	10	UN45X55X6	45	55	6	UN65X80X9	65	80	9
UN28X44X8	28	44	8	UN45X55X7	45	55	7	UN65X80X10	65	80	10
UN28X50X12	28	50	12	UN45X55X10	45	55	10	UN65X80X12	65	80	12
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UN30X42X10	30	42	10	UN47X62X12	47	62	12	UN70X80X7	70	80	7
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UN32X40X7	32	40	7	UN50X60X10	50	60	10	UN70X85X12	70	85	12
UN32X40X8	32	40	8	UN50X60X12	50	60	12	UN70X90X10	70	90	10
UN32X42X6	32	42	6	UN50X63X8	50	63	8	UN70X90X12	70	90	12
UN32X42X10	32	42	10	UN50X63X10	50	63	10	UN70X95X12	70	95	12
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UN32X47X10	32	47	10	UN50X65X10	50	65	10	UN75X85X10	75	85	10
UN32X48X10	32	48	10	UN50X65X12	50	65	12	UN75X85X12	75	85	12
UN35X42X8	35	42	8	UN50X70X10	50	70	10	UN75X90X9	75	90	9
UN35X43X6	35	43	6	UN50X70X12	50	70	12	UN75X90X10	75	90	10
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UN35X45X6	35	45	6	UN50,8X63,5X9,52	50,8	63,5	9,52	UN75X95X10	75	95	10
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UN35X60X12	35	60	12	UN55X65X6	55	65	6	UN80X95X9	80	95	9
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UN36X46X7	36	46	7	UN55X65X10	55	65	10	UN80X95X10	80	95	10
UN36X46X7,3	36	46	7,3	UN55X65X12	55	65	12	UN80X95X12	80	95	12
UN38X45X6	38	45	6	UN55X65X13,5	55	65	13,5	UN80X100X8	80	100	8

UN

UN80X100X10	80	100	10	UN110X130X12	110	130	12
UN80X100X12	80	100	12	UN110X130X15	110	130	15
UN80X101,6X12	80	101,6	12	UN110X140X15	110	140	15
UN85X95X12	85	95	12	UN115X125X15	115	125	15
UN85X100X9	85	100	9	UN115X130X15	115	130	15
UN85X100X12	85	100	12	UN115X135X15	115	135	15
UN85X105X12	85	105	12	UN115X140X15	115	140	15
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UN90X100X7	90	100	7	UN120X130X14	120	130	14
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UN90X100X12	90	100	12	UN120X140X10	120	140	10
UN90X105X9	90	105	9	UN120X140X12	120	140	12
UN90X105X12	90	105	12	UN120X140X15	120	140	15
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UN90X110X12	90	110	12	UN125X140X15	125	140	15
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UN95X110X10	95	110	10	UN135X155X15	135	155	15
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UN95X115X9	95	115	9	UN140X160X15	140	160	15
UN95X115X12	95	115	12	UN145X165X15	145	165	15
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UN100X115X12	100	115	12	UN160X180X15	160	180	15
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UN100X120X15	100	120	15	UN170X190X15	170	190	15
UN100X125X15	100	125	15	UN180X200X12	180	200	12
UN105X120X15	105	120	15	UN180X200X15	180	200	15
UN105X125X10	105	125	10	UN200X220X15	200	220	15
UN105X125X12	105	125	12	UN200X225X15	200	225	15
UN105X125X15	105	125	15	UN240X260X17	240	260	17
UN110X125X12	110	125	12	UN250X270X15	250	270	15
UN110X125X15	110	125	15	UN280X300X15	280	300	15
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Männäntiivisteet



MT5 38



MT3 40



MOK 41



MKR 42



MKR-OR 42



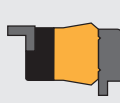
MPDH 44



MGDP 45



MG18 46



MWKR 47



MN..C2 48



MUN 49



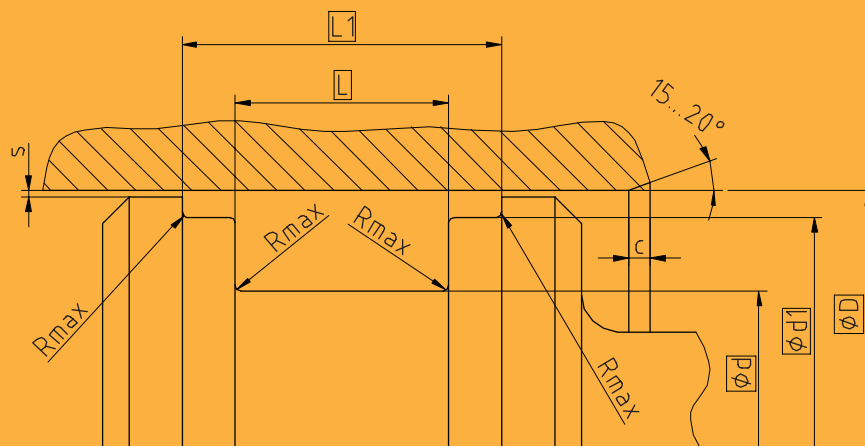
MAQ 50



MROTOR 51



EPO 52



Materiaali	Nitriilikumi/Polyasetaali/Polyesteri
Paine	300 bar
Nopeus	1,0 m/s
Lämpötila	-20 – +110 °C

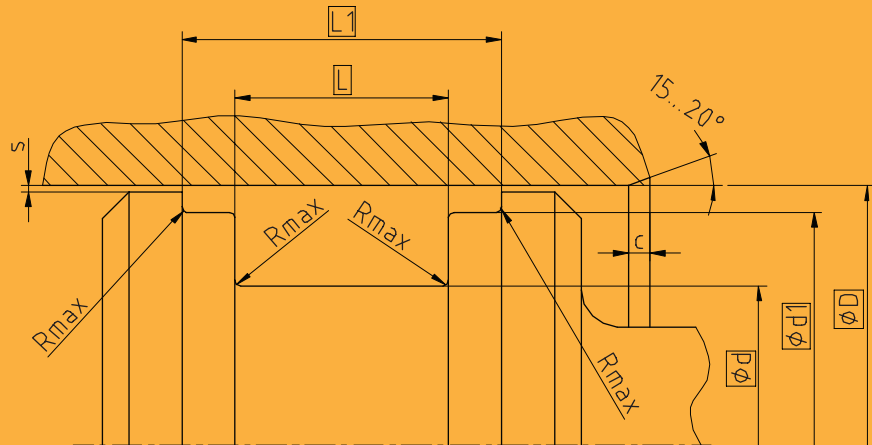


TOP
SEALING PARTNER
TOP-SEA.COM

MT5-63X48X20	63	48	20	
MT5-63X47X20,5	63	47	20,5	
MT5-63X51X20,5	63	51	20,5	
MT5-63,5X47,62X19,05	63,5	47,62	19,05	
MT5-65X50X18,4	65	50	18,4	
MT5-65X49X20,5	65	49	20,5	
MT5-70X55X20	70	55	20	
MT5-70X54X20,5	70	54	20,5	
MT5-70X58X20,5	70	58	20,5	
MT5-70X50X22,4	70	50	22,4	
MT5-70X50X35	70	50	35	
MT5-75X59X20,5	75	59	20,5	
MT5-75X55X22,4	75	55	22,4	
MT5-76,2X57,15X23,81	76,2	57,15	23,81	
MT5-80X65X20	80	65	20	
MT5-80X60X22,4	80	60	22,4	
MT5-80X62X22,5	80	62	22,5	
MT5-80X66X22,5	80	66	22,5	
MT5-80X60X25	80	60	25	
MT5-85X65X22,4	85	65	22,4	
MT5-85X65X22,5	85	65	22,5	
MT5-88,9X69,85X23,81	88,9	69,85	23,81	
MT5-90X75X20	90	75	20	
MT5-90X70X22,4	90	70	22,4	
MT5-90X72X22,5	90	72	22,5	
MT5-90X76X22,5	90	76	22,5	
MT5-90X75X20-S	90	75	20	SUORAT OHJAI-MET
MT5-92X82X12,5	92	82	12,5	
MT5-95X75X22,4	95	75	22,4	
MT5-100X85X20	100	85	20	
MT5-100X75X22,4	100	75	22,4	
MT5-100X82X22,5	100	82	22,5	
MT5-100X86X22,5	100	86	22,5	
MT5-100X80X25	100	80	25	
MT5-100X80X35	100	80	35	
MT5-105X80X22,4	105	80	22,4	
MT5-110X95X20	110	95	20	
MT5-110X85X22,4	110	85	22,4	
MT5-110X92X22,5	110	92	22,5	
MT5-110X96X22,5	110	96	22,5	
MT5-110X85X25,4	110	85	25,4	
MT5-110X85X45	110	85	45	
MT5-114,3X88,9X31,75	114,3	88,9	31,75	
MT5-115X90X22,4	115	90	22,4	
MT5-115X97X22,5	115	97	22,5	
MT5-115X90X45	115	90	45	
MT5-120X95X22,4	120	95	22,4	
MT5-120X106X22,5	120	106	22,5	
MT5-120X100X35	120	100	35	
MT5-125X105X25	125	105	25	OHJ. VAHVUUS 3mm
MT5-125X100X25,4	125	100	25,4	
MT5-125X105X25,4	125	105	25,4	OHJ. VAHVUUS 2,50mm
MT5-125X103X26,5	125	103	26,5	
MT5-125X108X26,5	125	108	26,5	
MT5-125X100X32	125	100	32	
MT5-125X100X45	125	100	45	
MT5-127X101,6X32,15	127	101,6	32,15	
MT5-130X105X25,4	130	105	25,4	OHJAIN 6,35mm

MT5-130X110X35	130	110	35	
MT5-130X105X25,4/1	130	105	25,4	OHJAIN 9,5mm
MT5-135X110X25,4	135	110	25,4	
MT5-135X110X45	135	110	45	
MT5-135X110X25,4/6,35	135	110	25,4	OHJAIN 6,35mm
MT5-140X120X25	140	120	25	
MT5-140X115X25,4	140	115	25,4	OHJAIN 9,5mm
MT5-140X118X26,5	140	118	26,5	
MT5-140X123X26,5	140	123	26,5	
MT5-140X115X45	140	115	45	
MT5-140X115X25,4/1	140	115	25,4	OHJAIN 6,35mm
MT5-145X120X25,4	145	120	25,4	
MT5-150X130X25	150	130	25	
MT5-150X125X25,4	150	125	25,4	OHJAIN 9,35mm
MT5-150X128X26,5	150	128	26,5	
MT5-150X133X26,5	150	133	26,5	
MT5-150X125X45	150	125	45	
MT5-150X125X25,4/1	150	125	25,4	OHJAIN 6,35mm
MT5-155X130X25,4	155	130	25,4	
MT5-160X140X25	160	140	25	
MT5-160X130X25,4	160	130	25,4	OHJAIN 9,5mm
MT5-160X135X25,4	160	135	25,4	
MT5-160X138X26,5	160	138	26,5	
MT5-160X143X26,5	160	143	26,5	
MT5-160X135X32	160	135	32	
MT5-160X135X45	160	135	45	
MT5-160X130X25,4/1	160	130	25,4	OHJAIN 6,35mm
MT5-165X140X25,4	165	140	25,4	
MT5-165X143X26,5	165	143	26,5	
MT5-170X140X25,4	170	140	25,4	
MT5-170X145X25,4	170	145	25,4	OHJAIN 6,35mm
MT5-170X140X45	170	140	45	
MT5-170X145X25,4(12,7)	170	145	25,4	OHJAIN 12,7mm
MT5-175X150X25,4	175	150	25,4	OHJAIN 12,7mm
MT5-180X155X25,4	180	155	25,4	
MT5-180X158X26,5	180	158	26,5	
MT5-180X150X35,4	180	150	35,4	
MT5-180X155X45	180	155	45	
MT5-185X160X25	185	160	25	OHJAIN 12,7mm
MT5-190X165X25,4	190	165	25,4	
MT5-190X165X45	190	165	45	
MT5-200X175X25,4	200	175	25,4	
MT5-200X175X31,5	200	175	31,5	
MT5-200X170X35,4	200	170	35,4	
MT5-200X170X36	200	170	36	
MT5-200X175X45	200	175	45	
MT5-210X185X25,4	210	185	25,4	
MT5-220X195X25,4	220	195	25,4	
MT5-220X190X35,4	220	190	35,4	
MT5-220X195X45	220	195	45	
MT5-240X215X25,4	240	215	25,4	
MT5-250X220X35,4	250	220	35,4	
MT5-250X225X25,4	250	225	25,4	
MT5-250X225X45	250	225	45	
MT5-260X235X45	260	235	45	
MT5-270X245X45	270	245	45	
MT5-280X250X36,4	280	250	36,4	
MT5-300X275X45	300	275	45	
MT5-320X290X36	320	290	36	

MT3

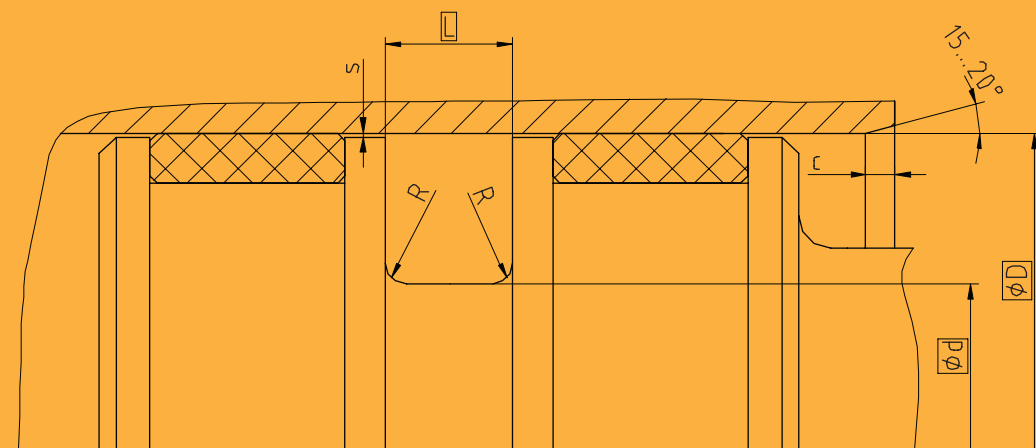


OMINAISUUDET

Materiaali Nitrilikumi/Kudos/Polyasetaali
 Paine 400 bar
 Nopeus 0,8 m/s
 Lämpötila -30 – +110 °C

Tuotekoodi	D	d	L	Huom	MT3-80X66X22,5	80	66	22,5
MT3-25X17X13,5SI	25	17	13,5	OHJAIMILLE OMAT URAT	MT3-85X71X22,5	85	71	22,5
MT3-32X24X15,5SI	32	24	15,5		MT3-90X76X22,5	90	76	22,5
MT3-35X27X15,5SI	35	27	15,5		MT3-100X86X22,5	100	86	22,5
MT3-40X32X15,5	40	32	15,5		MT3-110X96X22,5	110	96	22,5
MT3-40X32X15,5SI	40	32	15,5	OHJAIMILLE OMAT URAT	MT3-110X85X25,4	110	85	25,4
MT3-45X37X15,5	45	37	15,5		MT3-120X106X22,5	120	106	22,5
MT3-45X37X9/12	45	37	9/12		MT3-125X100X25,4	125	100	25,4
MT3-45X37X15,5SI	45	37	15,5		MT3-125X108X26,5	125	108	26,5
MT3-50X38X20,5	50	38	20,5		MT3-140X123X26,5	140	123	26,5
MT3-60X48X20,5	60	48	20,5		MT3-150X133X26,5	150	133	26,5
MT3-63X51X20,5	63	51	20,5		MT3-160X143X26,5	160	143	26,5
MT3-63,5X47,6X23,8	63,5	47,6	23,8		MT3-180X163X26,5	180	163	26,5
MT3-70X58X20,5	70	58	20,5		MT3-180X150X35,4	180	150	35,4
MT3-70X50X31	70	50	31		MT3-200X180X31,5	200	180	31,5
MT3-75X63X20,5	75	63	20,5		MT3-220X194X31	220	194	31
MT3-80X60X22,4	80	60	22,4		MT3-220X200X31,5	220	200	31,5
					MT3-250X225X31	250	225	31
					MT3-250X230X31,5	250	230	31,5

MOK



OMINAISUUDET

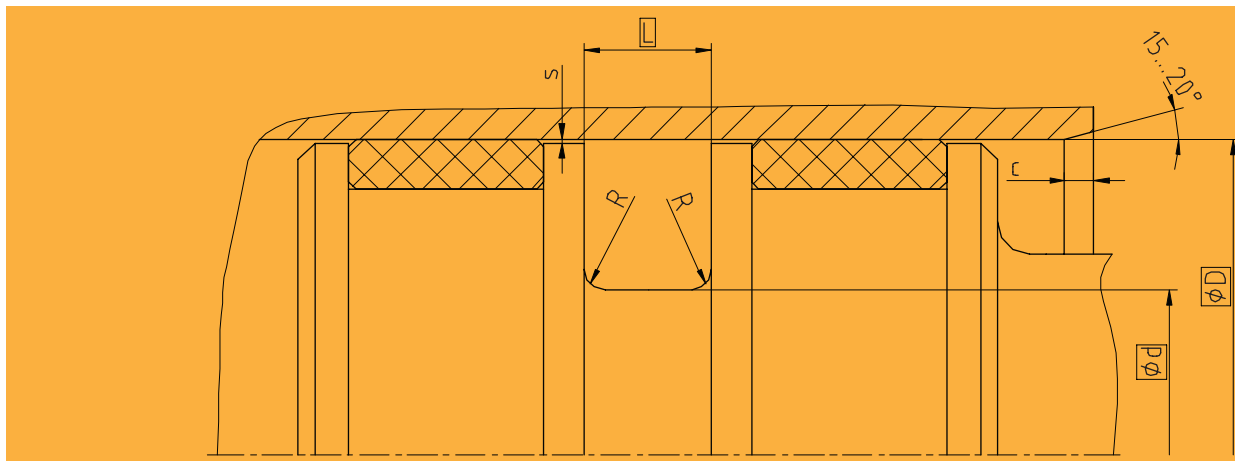
Materiaali Polyasetaali / Nitrilikumi
 Paine 500 bar
 Nopeus 1,0 m/s
 Lämpötila -30 – +110 °C

Tuotekoodi	D	d	L	MOK90X74,5X6,3	90	74,5	6,3	MOK160X139X8,1	160	139	8,1
MOK32X21X4,2	32	21	4,2	MOK90X69X8,1	90	69	8,1	MOK165X144X8,1	165	144	8,1
MOK40X29X4,2	40	29	4,2	MOK95X74X8,1	95	74	8,1	MOK170X149X8,1	170	149	8,1
MOK50X39X4,2	50	39	4,2	MOK100X84,5X6,3	100	84,5	6,3	MOK180X159X8,1	180	159	8,1
MOK50X34,5X6,3	50	34,5	6,3	MOK100X79X8,1	100	79	8,1	MOK190X169X8,1	190	169	8,1
MOK60X49X4,2	60	49	4,2	MOK105X84X8,1	105	84	8,1	MOK200X179X8,1	200	179	8,1
MOK60X41,7X7	60	41,7	7	MOK110X94,5X6,3	110	94,5	6,3	MOK210X189X8,1	210	189	8,1
MOK63X52X4,2	63	52	4,2	MOK110X89X8,1	110	89	8,1	MOK220X199X8,1	220	199	8,1
MOK63X47,5X6,3	63	47,5	6,3	MOK115X94X8,1	115	94	8,1	MOK230X209X8,1	230	209	8,1
MOK70X59X4,2	70	59	4,2	MOK120X99X8,1	120	99	8,1	MOK250X229X8,1	250	229	8,1
MOK70X51,7X7	70	51,7	7	MOK125X109,5X6,3	125	109,5	6,3	MOK260X239X8,1	260	239	8,1
MOK75X59,5X6,3	75	59,5	6,3	MOK125X104X8,1	125	104	8,1	MOK280X255,5X8,1	280	255,5	8,1
MOK75X54X8,1	75	54	8,1	MOK130X109X8,1	130	109	8,1				
MOK80X64,5X6,3	80	64,5	6,3	MOK135X114X8,1	135	114	8,1				
MOK80X59X8,1	80	59	8,1	MOK140X119X8,1	140	119	8,1				
MOK85X64X8,1	85	64	8,1	MOK150X129X8,1	150	129	8,1				

MKR



MKR-OR



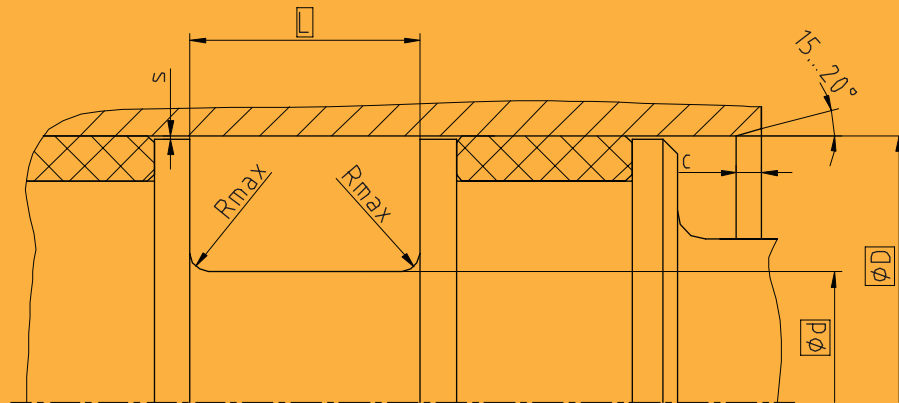
OMINAISUUDET

Materiaali Polyuretaani / Nitrilikumi
Paine 400 bar
Nopeus 1,0 m/s
Lämpötila -30 – +100 °C

Materiaali Polyuretaani / Nitrilikumi
Paine 300 bar
Nopeus 1,0 m/s
Lämpötila -30 – +100 °C

Tuotekoodi	D	d	L				
MKR20X12,5X3,2-OR	20	12,5	3,2	MKR80X66,5X6,3	80	66,5	6,3
MKR25X17,5X3,2	25	17,5	3,2	MKR85X69,5X6,3	85	69,5	6,3
MKR25X17,5X3,2-OR	25	17,5	3,2	MKR90X74,5X6,3	90	74,5	6,3
MKR30X22,5X3,2	30	22,5	3,2	MKR90X74,5X6,3-OR	90	74,5	6,3
MKR32X24,5X3,2	32	24,5	3,2	MKR95X79,5X6,3-OR	95	79,5	6,3
MKR32X24,5X3,2-OR	32	24,5	3,2	MKR100X84,5X6,3	100	84,5	6,3
MKR32X21X4,2-OR	32	21	4,2	MKR100X84,5X6,3-OR	100	84,5	6,3
MKR35X27,5X3,2-OR	35	27,5	3,2	MKR100X86,5X6,3	100	86,5	6,3
MKR40X29X4,2	40	29	4,2	MKR100X85,7X7	100	85,7	7
MKR40X29X4,2-OR	40	29	4,2	MKR100X79X8,1	100	79	8,1
MKR50X39X4,2	50	39	4,2	MKR105X84X8,1	105	84	8,1
MKR50X39X4,2-OR	50	39	4,2	MKR110X94,5X6,3	110	94,5	6,3
MKR50X34,5X6,3	50	34,5	6,3	MKR110X94,5X6,3-OR	110	94,5	6,3
MKR55X44X4,2	55	44	4,2	MKR110X89X8,1	110	89	8,1
MKR55X39,5X6,3	55	39,5	6,3	MKR115X99,5X6,3-OR	115	99,5	6,3
MKR60X49X4,2	60	49	4,2	MKR115X94X8,1	115	94	8,1
MKR60X49X4,2-OR	60	49	4,2	MKR120X104,5X6,3-OR	120	104,5	6,3
MKR60X44,5X6,3	60	44,5	6,3	MKR120X99X8,1	120	99	8,1
MKR60X44,5X6,3-OR	60	44,5	6,3	MKR120X99X10,5	120	99	10,5
MKR63X52X4,2	63	52	4,2	MKR125X109,5X6,3	125	109,5	6,3
MKR63X52X4,2-OR	63	52	4,2	MKR125X109,5X6,3-OR	125	109,5	6,3
MKR63X47,5X6,3	63	47,5	6,3	MKR125X104X8,1	125	104	8,1
MKR63X54X7	63	54	7	MKR125X104X10,5	125	104	10,5
MKR65X54X4,2-OR	65	54	4,2	MKR130X109X8,1-OR	130	109	8,1
MKR65X49,5X6,3-OR	65	49,5	6,3	MKR140X119X8,1	140	119	8,1
MKR65X52X6,3	65	52	6,3	MKR140X119X8,1-OR	140	119	8,1
MKR70X59X4,2	70	59	4,2	MKR150X129X8,1-OR	150	129	8,1
MKR70X59X4,2-OR	70	59	4,2	MKR150X129X10,5	150	129	10,5
MKR70X54,5X6,3	70	54,5	6,3	MKR160X139X8,1	160	139	8,1
MKR70X54,5X6,3-OR	70	54,5	6,3	MKR160X139X8,1-OR	160	139	8,1
MKR70X57X6,3	70	57	6,3	MKR170X149X8,1	170	149	8,1
MKR75X64X4,2	75	64	4,2	MKR175X154X8,1	175	154	8,1
MKR75X59,5X6,3	75	59,5	6,3	MKR180X159X8,1	180	159	8,1
MKR75X59,5X6,3-OR	75	59,5	6,3	MKR180X159X8,1-OR	180	159	8,1
MKR80X69X4,2	80	69	4,2	MKR190X169X8,1	190	169	8,1
MKR80X64,5X6,3	80	64,5	6,3	MKR200X179X8,1	200	179	8,1
MKR80X64,5X6,3-OR	80	64,5	6,3	MKR220X199X8,1	220	199	8,1

MPDH

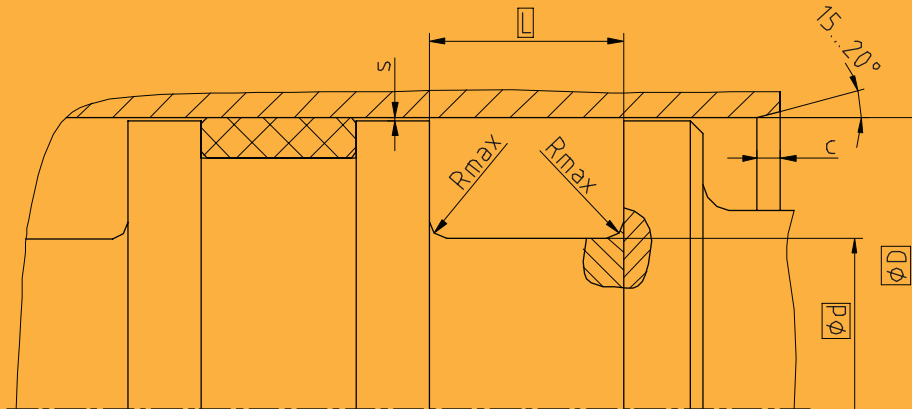
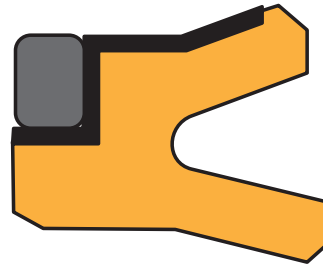


OMINAISUUDET

Materiaali PronssiPTFE / Nitrilikumi / Polyasetaali
 Paine 500 bar
 Nopeus 1,5 m/s
 Lämpötila -30 – +100 °C

Tuotekoodi	D	d	L	MPDH130X107X16	130	107	16
MPDH50X36X9	50	36	9	MPDH135X112X16	135	112	16
MPDH55X41X9	55	41	9	MPDH140X117X16	140	117	16
MPDH60X46X9	60	46	9	MPDH140X121X17	140	121	17
MPDH63X53X8	63	53	8	MPDH140X121,4X19L	140	121,4	19
MPDH65X50X11	65	50	11	MPDH145X122X16	145	122	16
MPDH70X55X11	70	55	11	MPDH150X127X16	150	127	16
MPDH75X60X10,5	75	60	10,5	MPDH160X145X12,5	160	145	12,5
MPDH80X65X11	80	65	11	MPDH160X137X16	160	137	16
MPDH85X70X11	85	70	11	MPDH160X141,5X19	160	141,5	19
MPDH90X75X11	90	75	11	MPDH165X142X16	165	142	16
MPDH95X80X11	95	80	11	MPDH170X147X16	170	147	16
MPDH100X85X12,5	100	85	12,5	MPDH180X157X16	180	157	16
MPDH100X85X12,5PU	100	85	12,5	MPDH185X162X16	185	162	16
MPDH105X90X12,5	105	90	12,5	MPDH190X167X16	190	167	16
MPDH110X95X12,5	110	95	12,5	MPDH200X177X16	200	177	16
MPDH115X100X12,5	115	100	12,5	MPDH220X197X16	220	197	16
MPDH120X105X12,5	120	105	12,5	MPDH225X202X16	225	202	16
MPDH125X102X16	125	102	16				

MGDP

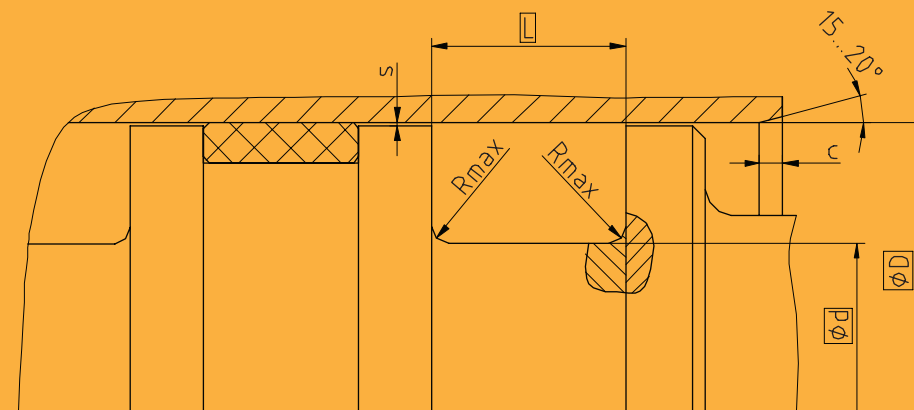


OMINAISUUDET

Materiaali Nitrilikumi / Kudos / Polyasetaali
Paine 400 bar
Nopeus 0,5 m/s
Lämpötila -30 – +100 °C

Tuotekoodi	D	d	L
MGDP40X25X10	40	25	10
MGDP50X35X10	50	35	10
MGDP63X48X10	63	48	10
MGDP80X65X10	80	65	10
MGDP100X80X12	100	80	12
MGDP125X105X12	125	105	12
MGDP140X115X15	140	115	15
MGDP150X125X15	150	125	15
MGDP160X135X15	160	135	15

MG18

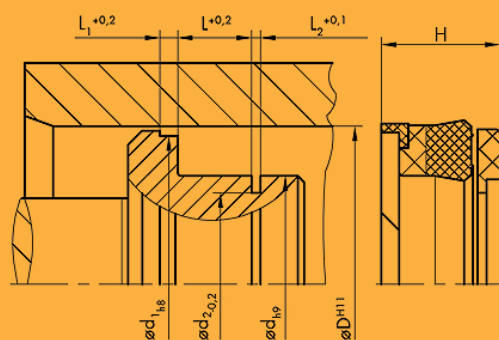
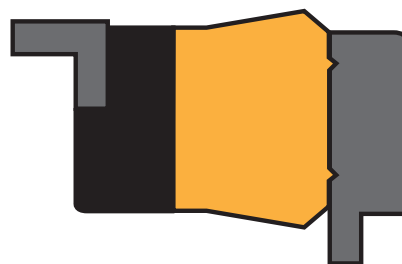


OMINAISUUDET

Materiaali	Kudosvahvistettu kumi
Paine	500 bar
Nopeus	1,0 m/s
Lämpötila	-40 – +100 °C

Tuotekoodi	D	d	L	MG18-105X85X15	105	85	15
MG18-40X25X9,5	40	25	9,5	MG18-110X90X12,5	110	90	12,5
MG18-50X35X9,5	50	35	9,5	MG18-115X95X12,5	115	95	12,5
MG18-60X45X9,5	60	45	9,5	MG18-120X100X12,5	120	100	12,5
MG18-63X48X9,5	63	48	9,5	MG18-125X100X15,5	125	100	15,5
MG18-70X50X12,5	70	50	12,5	MG18-130X105X16,2	130	105	16,2
MG18-70X55X12,5	70	55	12,5	MG18-135X115X15,5	135	115	15,5
MG18-75X55X12,5	75	55	12,5	MG18-140X110X20,5	140	110	20,5
MG18-75X60X11,2	75	60	11,2	MG18-140X115X15,5	140	115	15,5
MG18-80X60X12,5	80	60	12,5	MG18-150X120X18,8	150	120	18,8
MG18-90X70X12,5	90	70	12,5	MG18-160X130X18,8	160	130	18,8
MG18-95X75X13	95	75	13	MG18-180X150X19	180	150	19
MG18-100X80X12,5	100	80	12,5	MG18-200X170X18,8	200	170	18,8

MWKR

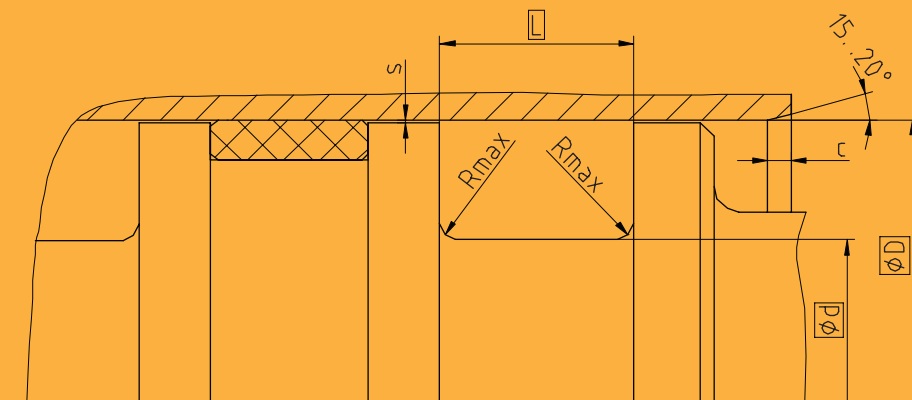
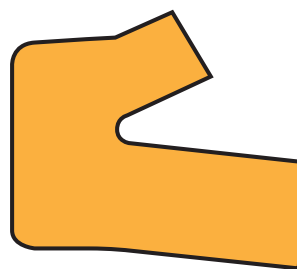


OMINAISUUDET

Materiaali	Kudosvahvistettu kumi / asetaali
Paine	400 bar
Nopeus	0,5 m/s
Lämpötila	-30 – +110 °C

Tuotekoodi	D	d	L	MWKR85X70X12	85	70	12
MWKR45X30X9	45	30	9	MWKR90X70X14	90	70	14
MWKR50X30X14,5	50	30	14,5	MWKR95X75X14,5	95	75	14,5
MWKR55X40X11	55	40	11	MWKR100X80X14	100	80	14
MWKR57,15X41,28X11,11	57,15	41,28	11,11	MWKR104,5X85X14	104,5	85	14
MWKR60X40X14,5	60	40	14,5	MWKR105X85X14	105	85	14
MWKR65X50X10	65	50	10	MWKR110X90X12,5	110	90	12,5
MWKR65X45X14	65	45	14	MWKR115X95X14	115	95	14
MWKR70X50X14	70	50	14	MWKR120X100X12,5	120	100	12,5
MWKR75X55X14,5	75	55	14,5	MWKR125X105X12	125	105	12
MWKR80X60X14	80	60	14	MWKR130X110X12	130	110	12

MN..C2

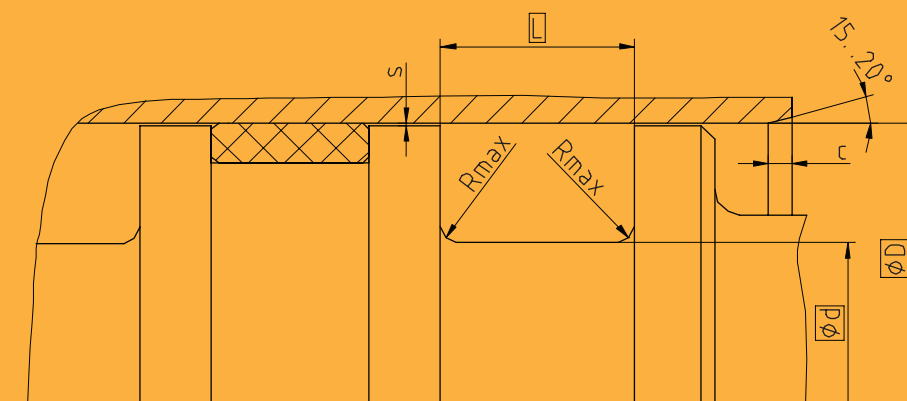
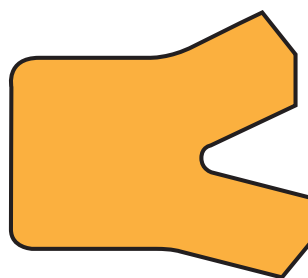


OMINAISUUDET

Materiaali	Nitriilikumi	
Paine	160 bar hydrauliiikka,	16 bar pneumatiikka
Nopeus	0,5 m/s hydrauliiikka,	1,0 m/s pneumatiikka
Lämpötila	-25 – +100 °C hydrauliiikka	-30 – +80 °C pneumatiikka

Tuotekoodi	D	d	L			
MN12X6X4C2	12	6	4	MN63X53X7C2	63	53
MN25X17X5,5C2	25	17	5,5	MN70X58X8,5C2	70	58
MN32X24X5,5C2	32	24	5,5	MN75X63X8,5C2	75	63
MN40X30X7C2	40	30	7	MN80X68X8,5-C2	80	68
MN45X35X7C2	45	35	7	MN90X78X8,5C2	90	78
MN48X40X5,5C2	48	40	5,5	MN100X88X8,5C2	100	88
MN50X40X7C2	50	40	7	MN125X110X10C2	125	110
MN50X40X7C2 VITON	50	40	7	MN140X125X10C2	140	125
MN55X45X7C2	55	45	7	MN160X145X10C2	160	145
MN60X50X7C2	60	50	7	MN160X140X14C2	160	140
MN63X53X4,25C2	63	53	4,25	MN200X180X14C2	200	180
				MN250X230X14C2	250	230

MUN

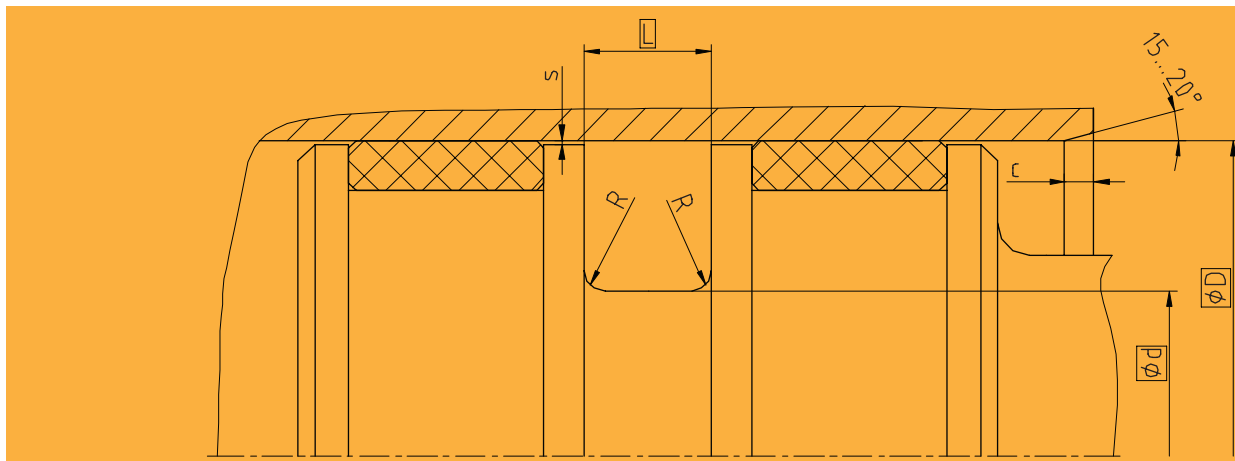


OMINAISUUDET

Materiaali Polyuretaani
 Paine 400 bar
 Nopeus 0,5 m/s
 Lämpötila -30 – +110 °C

Tuotekoodi	D	d	L	MUN80X65X11,4	80	65	11,4
MUN25X15X7,3	25	15	7,3	MUN80X60X14,5	80	60	14,5
MUN32X24X5,7	32	24	5,7	MUN90X75X11,4	90	75	11,4
MUN40X33X8	40	33	8	MUN100X90X6,7	100	90	6,7
MUN40X30X10	40	30	10	MUN100X85X11,4	100	85	11,4
MUN50X40X7,3	50	40	7,3	MUN100X80X12	100	80	12
MUN50X40X10	50	40	10	MUN110X90X15	110	90	15
MUN60X50X10	60	50	10	MUN125X105X14,5	125	105	14,5
MUN63X53X7,3	63	53	7,3	MUN160X140X14,5	160	140	14,5
MUN63X48X10	63	48	10	MUN180X150X18	180	150	18
MUN63X53X12	63	53	12	MUN220X200X15	220	200	15
MUN65X50X9	65	50	9	MUN250X230X15	250	230	15
MUN80X70X6,7	80	70	6,7				

MAQ

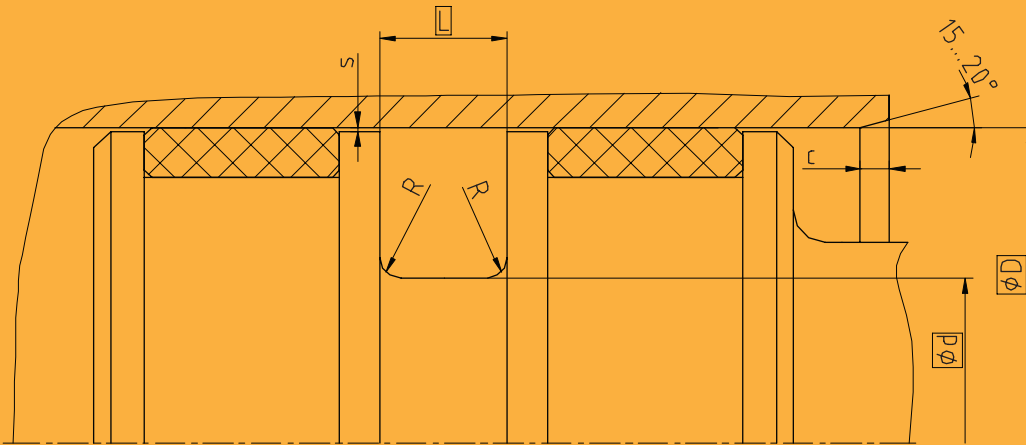


OMINAISUUDET

Materiaali	PronssiPTFE / Nitrilikumi
Paine	400 bar
Nopeus	2,0 m/s
Lämpötila	-30 – +110 °C (+200°C Viton)

Tuotekoodi	D	d	L
MAQ35X24X4,2	35	24	4,2
MAQ50X39X4,2	50	39	4,2
MAQ55X45X6,3	55	45	6,3
MAQ80X67X8,3	80	67	8,3
MAQ90X77X8,3	90	77	8,3
MAQ100X87X8,3	100	87	8,3
MAQ115X99,5X6,3	115	99,5	6,3
MAQ115X102X8,3	115	102	8,3
MAQ125X112X8,3	125	112	8,3
MAQ140X122X12,3	140	122	12,3
MAQ160X142X12,3	160	142	12,3
MAQ200X182X12,3	200	182	12,3
MAQ220X202X12,3	220	202	12,3

MROTOR

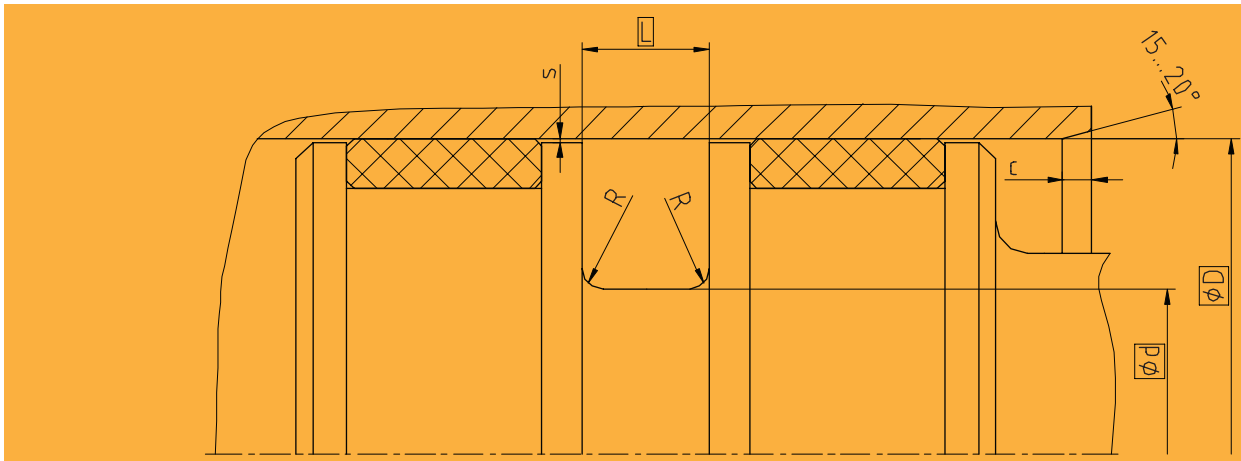
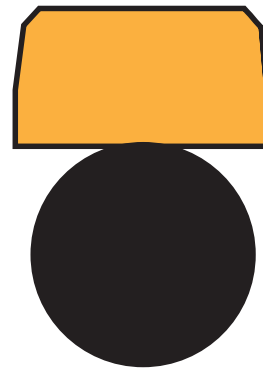


OMINAISUUDET

Materiaali	HiiliPTFE / Nitrilikumi
Paine	350 bar
Nopeus	2,0 m/s kehänopeus
Lämpötila	-30 – +100 °C (+200°C Viton)

Ota yhteyttä myyjään

EPO



OMINAISUUDET

Materiaali	PronssiPTFE / Nitrilikumi
Paine	600 bar
Nopeus	4,0 m/s
Lämpötila	-30 – +100 °C (Viton o-renkaalla +200°C)

Tuotekoodi	D	d	L	EPO110X94,5X6,3	110	94,5	6,3
EPO12X7,1X2,2	12	7,1	2,2	EPO110X-94,9X6,3-1TOIM	110	94,9	6,3
EPO16X11,1X2,2	16	11,1	2,2	EPO110X89X8,1	110	89	8,1
EPO20X12,5X3,2	20	12,5	3,2	EPO115X99,5X6,3	115	99,5	6,3
EPO22X14,5X3,2	22	14,5	3,2	EPO115X94X8,1	115	94	8,1
EPO25X17,5X3,2	25	17,5	3,2	EPO120X104,5X6,3	120	104,5	6,3
EPO26X18,5X3,2	26	18,5	3,2	EPO120X99X8,1	120	99	8,1
EPO28X20,5X3,2	28	20,5	3,2	EPO125X109,5X6,3	125	109,5	6,3
EPO30X22,5X3,2	30	22,5	3,2	EPO125X104X8,1	125	104	8,1
EPO32X24,5X3,2	32	24,5	3,2	EPO130X114,5X6,3	130	114,5	6,3
EPO32X21,3X4,2	32	21,3	4,2	EPO130X109X8,1	130	109	8,1
EPO35X27,5X3,2	35	27,5	3,2	EPO135X114X8,1	135	114	8,1
EPO36X28,5X3,2	36	28,5	3,2	EPO140X124,5X6,3	140	124,5	6,3
EPO38X30,5X3,2	38	30,5	3,2	EPO140X119X8,1	140	119	8,1
EPO38X27X4,2	38	27	4,2	EPO145X124X8,1	145	124	8,1
EPO40X32,5X3,2	40	32,5	3,2	EPO150X134,5X6,3	150	134,5	6,3
EPO40X29X4,2	40	29	4,2	EPO150X129X8,1	150	129	8,1
EPO42X31X4,2	42	31	4,2	EPO160X144,5X6,3	160	144,5	6,3
EPO45X34X4,2	45	34	4,2	EPO160X139X8,1	160	139	8,1
EPO48X37X4,2	48	37	4,2	EPO165X144X8,1	165	144	8,1
EPO50X39X4,2	50	39	4,2	EPO170X154,5X6,3	170	154,5	6,3
EPO50X34,5X6,3	50	34,5	6,3	EPO170X149X8,1	170	149	8,1
EPO52X41X4,2	52	41	4,2	EPO180X164,5X6,3	180	164,5	6,3
EPO55X44X4,2	55	44	4,2	EPO180X159X8,1	180	159	8,1
EPO57,15X47,2X3,15	57,15	47,2	3,15	EPO200X184,5X6,3	200	184,5	6,3
EPO60X49X4,2	60	49	4,2	EPO200X179X8,1	200	179	8,1
EPO60X44,5X6,3	60	44,5	6,3	EPO210X189X8,1	210	189	8,1
EPO62X51X4,2	62	51	4,2	EPO220X204,5X6,3	220	204,5	6,3
EPO63X52X4,2	63	52	4,2	EPO220X199X8,1	220	199	8,1
EPO63X47,5X6,3	63	47,5	6,3	EPO230X209X8,1	230	209	8,1
EPO65X54X4,2	65	54	4,2	EPO240X219X8,1	240	219	8,1
EPO65X49,5X6,3	65	49,5	6,3	EPO250X234,5X6,3	250	234,5	6,3
EPO69,85X59,8X3,17	69,85	59,8	3,17	EPO250X229X8,1	250	229	8,1
EPO70X59X4,2	70	59	4,2	EPO260X239X8,1	260	239	8,1
EPO70X54,5X6,3	70	54,5	6,3	EPO260X239X8,1DS	260	239	8,1
EPO75X64X4,2	75	64	4,2	EPO280X259X8,1	280	259	8,1
EPO75X59,5X6,3	75	59,5	6,3	EPO290X269X8,1	290	269	8,1
EPO76,2X66,65X3,2	76,2	66,65	3,2	EPO300X279X8,1	300	279	8,1
EPO80X69X4,2	80	69	4,2	EPO320X299X8,1	320	299	8,1
EPO80X64,5X6,3	80	64,5	6,3	EPO340X315,5X8,1	340	315,5	8,1
EPO82,55X72,60X3,15	82,55	72,6	3,15	EPO360X335,5X8,1	360	335,5	8,1
EPO85X69,5X6,3	85	69,5	6,3	EPO380X355,5X8,1	380	355,5	8,1
EPO90X79X4,2	90	79	4,2	EPO400X375,5X8,1	400	375,5	8,1
EPO90X74,5X6,3	90	74,5	6,3	EPO420X395,5X8,1	420	395,5	8,1
EPO95X79,5X6,3	95	79,5	6,3	EPO450X425,5X8,1	450	425,5	8,1
EPO100X84,5X6,3	100	84,5	6,3	EPO480X455,5X8,1	480	455,5	8,1
EPO100X86X6,5	100	86	6,5	EPO500X475,5X8,1	500	475,5	8,1
EPO100X79X8,1	100	79	8,1				
EPO105X89,5X6,3	105	89,5	6,3				



Pyyhkijät



P1 56



P2 58



GA 60



PA 62



PAF 63



PDK 64



P25F 65



P27F 66



PAY 67

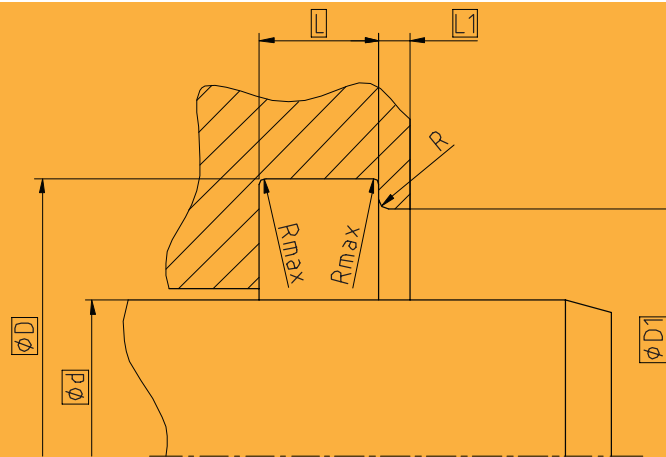


PP8 68



SAA 69

P1

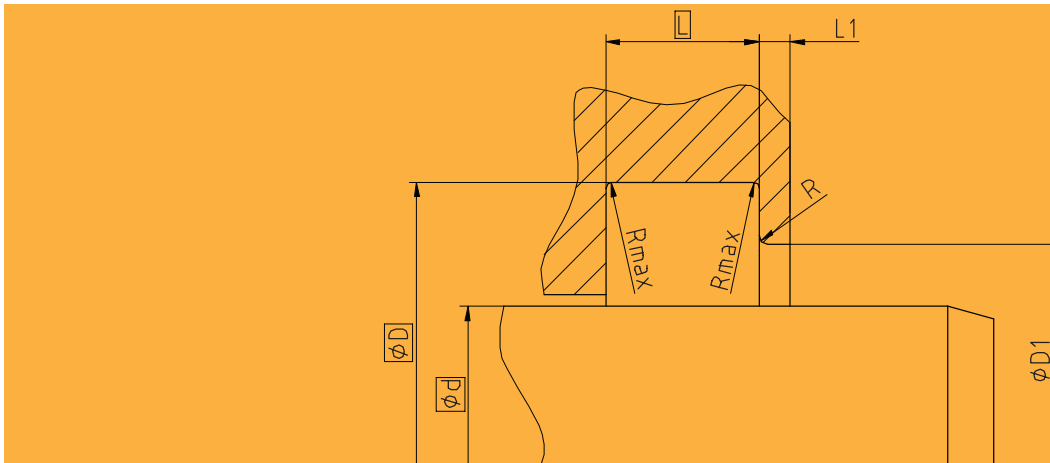
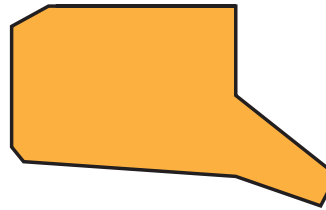


OMINAISUUDET

Materiaali	Polyuretaani (-P)	Nitriilikumi(-N)
Nopeus	4,0 m/s	4,0 m/s
Lämpötila	-30 – +110 °C	-30 – + 100°C

Tuotekoodi	d	D	h	H					
P1-12X20X4/7-N	12	20	4	7	P1-56X64X4/7-P	56	64	4	7
P1-16X24X4/7-N	16	24	4	7	P1-60X68X4/7-N	60	68	4	7
P1-18X26X4/7-N	18	26	4	7	P1-60X68X4/7-P	60	68	4	7
P1-20X28X4/7-N	20	28	4	7	P1-63X71X4/7-N	63	71	4	7
P1-20X28X4/7-P	20	28	4	7	P1-63X71X4/7-P	63	71	4	7
P1-22X30X4/7-N	22	30	4	7	P1-65X73X4/7-N	65	73	4	7
P1-24X32X4/7-N	24	32	4	7	P1-65X73X4/7-P	65	73	4	7
P1-25X33X4/7-N	25	33	4	7	P1-68X76X4/7-N	68	76	4	7
P1-25X33X4/7-P	25	33	4	7	P1-70X78X4/7-N	70	78	4	7
P1-28X36X4/7-N	28	36	4	7	P1-70X78X4/7-P	70	78	4	7
P1-28X36X4/7-P	28	36	4	7	P1-75X83X4/7-N	75	83	4	7
P1-30X38X4/7-N	30	38	4	7	P1-80X88X4/7-N	80	88	4	7
P1-30X38X4/7-P	30	38	4	7	P1-80X88X4/7-P	80	88	4	7
P1-32X40X4/7-N	32	40	4	7	P1-85X93X4/7-N	85	93	4	7
P1-32X40X4/7-P	32	40	4	7	P1-90X98X4/7-N	90	98	4	7
P1-35X43X4/7-N	35	43	4	7	P1-90X98X4/7-P	90	98	4	7
P1-35X43X4/7-P	35	43	4	7	P1-95X103X4/7-P	95	103	4	7
P1-36X44X4/7-N	36	44	4	7	P1-100X108X4/7-N	100	108	4	7
P1-36X44X4/7-P	36	44	4	7	P1-110X118X4/7-N	110	118	4	7
P1-38X46X4/7-N	38	46	4	7	P1-110X122X5,5/10-N	110	122	5,5	10
P1-40X48X4/7-N	40	48	4	7	P1-110X122X5,5/10-P	110	122	5,5	10
P1-40X48X4/7-P	40	48	4	7	P1-120X132X5,5/10-N	120	132	5,5	10
P1-42X50X4/7-N	42	50	4	7	P1-125X137X5,5/10-N	125	137	5,5	10
P1-45X53X4/7-N	45	53	4	7	P1-125X137X5,5/10-P	125	137	5,5	10
P1-45X53X4/7-P	45	53	4	7	P1-125X140X9,5/14-P	125	140	9,5	14
P1-50X58X4/7-N	50	58	4	7	P1-130X142X5,5/10-N	130	142	5,5	10
P1-50X58X4/7-P	50	58	4	7	P1-140X152X5,5/10-N	140	152	5,5	10
P1-55X63X4/7-N	55	63	4	7	P1-150X162X5,5/10-N	150	162	5,5	10
P1-55X63X4/7-P	55	63	4	7	P1-160X172X5,5/10-N	160	172	5,5	10
P1-56X64X4/7-N	56	64	4	7	P1-190X202X5,5/10-N	190	202	5,5	10
					P1-200X212X5,5/10-N	200	212	5,5	10

P2



OMINAISUUDET

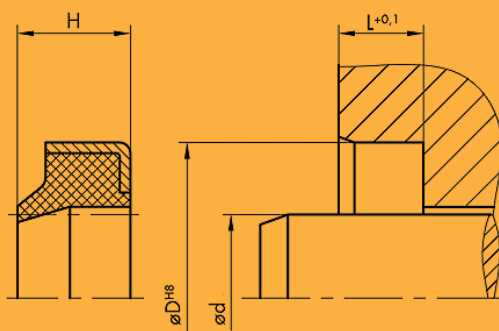
Materiaali	Polyuretaani (-P)	Nitriilikumi(-N)
Nopeus	4,0 m/s	4,0 m/s
Lämpötila	-30 – +110 °C	-30 – + 100°C

Tuotekoodi	d	D	h	H
P2-12X16X3/4-N	12	16	3	4
P2-12X18X3,8/5-P	12	18	3,8	5
P2-14X22X5/7-N	14	22	5	7
P2-15X19X2/4-N	15	19	2	4
P2-15X19X2/4-P	15	19	2	4
P2-16X22X3,5/5-N	16	22	3,5	5
P2-18X26X5/7-P	18	26	5	7
P2-20X28X5/7-N	20	28	5	7
P2-20X30X6/9-P	20	30	6	9
P2-22X30X5/7-N	22	30	5	7
P2-25X33X5/7-N	25	33	5	7
P2-25X33X5/7-P	25	33	5	7
P2-28X36X5/7-N	28	36	5	7
P2-28X36X5/7-P	28	36	5	7
P2-30X38X5/7-N	30	38	5	7
P2-30X38X5/7-P	30	38	5	7
P2-30X40X6/9-P	30	40	6	9
P2-32X40X5/7-N	32	40	5	7
P2-32X40X5/7-P	32	40	5	7
P2-35X43X5/7-N	35	43	5	7
P2-35X43X5/7-P	35	43	5	7
P2-35X45X5/7-P	35	45	5	7
P2-36X44X5/7-N	36	44	5	7
P2-36X44X5/7-P	36	44	5	7
P2-40X48X5/7-N	40	48	5	7
P2-40X48X5/7-P	40	48	5	7
P2-40X50X6/9-P	40	50	6	9
P2-42X50X5/7-N	42	50	5	7
P2-45X53X5/7-N	45	53	5	7
P2-45X53X5/7-P	45	53	5	7
P2-45X55X5/7-N	45	55	5	7
P2-45X55X5/7-P	45	55	5	7
P2-45X55X6/9-P	45	55	6	9
P2-48X56X5/7-N	48	56	5	7
P2-50X58X5/7-N	50	58	5	7
P2-50X58X5/7-P	50	58	5	7
P2-50X60X3/5-P	50	60	3	5
P2-50X60X5/7-N	50	60	5	7
P2-50X60X5/7-P	50	60	5	7
P2-50X60X6/9-P	50	60	6	9
P2-50,8X63,5X6,4/9,5-N	50,8	63,5	6,4	9,5
P2-52X60X5/7-N	52	60	5	7
P2-55X63X5/7-N	55	63	5	7
P2-55X63X5/7-P	55	63	5	7
P2-55X65X5/7-N	55	65	5	7
P2-55X65X5/7-P	55	65	5	7
P2-55X65X6/9-P	55	65	6	9
P2-56X64X5/7-N	56	64	5	7
P2-56X64X5/7-P	56	64	5	7
P2-56X66X5/7-N	56	66	5	7
P2-56X66X5/7-P	56	66	5	7
P2-56X66X6/9-P	56	66	6	9
P2-60X68X5/7-N	60	68	5	7
P2-60X68X5/7-P	60	68	5	7
P2-60X70X5/7-N	60	70	5	7
P2-60X70X6/9-P	60	70	6	9
P2-63X71X5/7-N	63	71	5	7
P2-63X71X5/7-P	63	71	5	7
P2-63X73X5/7-N	63	73	5	7

P2-65X73X5/7-N	65	73	5	7
P2-65X73X5/7-P	65	73	5	7
P2-65X75X3/5,2-P	65	75	3	5,2
P2-65X75X5/7-N	65	75	5	7
P2-65X75X6/9-P	65	75	6	9
P2-70X78X5/7-N	70	78	5	7
P2-70X78X5/7-P	70	78	5	7
P2-70X80X5/7-N	70	80	5	7
P2-70X80X5/7-P	70	80	5	7
P2-70X80X6/9-P	70	80	6	9
P2-70X81X8/12-P	70	81	8	12
P2-70X82X7/12-N	70	82	7	12
P2-70X82X7/12-P	70	82	7	12
P2-75X83X5/7-N	75	83	5	7
P2-75X83X5/7-P	75	83	5	7
P2-75X85X5/7-N	75	85	5	7
P2-75X85X6/9-P	75	85	6	9
P2-75X87X7/12-N	75	87	7	12
P2-80X88X5/7-N	80	88	5	7
P2-80X88X5/7-P	80	88	5	7
P2-80X90X3/5,2-P	80	90	3	5,2
P2-80X90X5/7-P	80	90	5	7
P2-80X90X6/9-P	80	90	6	9
P2-80X92X7/12-N	80	92	7	12
P2-85X93X5/7-N	85	93	5	7
P2-85X95X6/9-P	85	95	6	9
P2-85X96X8/12-P	85	96	8	12
P2-90X98X5/7-N	90	98	5	7
P2-90X98X5/7-P	90	98	5	7
P2-90X100X5/7-P	90	100	5	7
P2-90X100X6/9-P	90	100	6	9
P2-90X100X7/12-N	90	100	7	12
P2-90X102X7/12-N	90	102	7	12
P2-90X102X7/12-P	90	102	7	12
P2-90X110X10/18-N	90	110	10	18
P2-92X100X5/7-P	92	100	5	7
P2-95X103X7/7-N	95	103	5	7
P2-95X105X3/5,2-P	95	105	3	5,2
P2-95X105X6/9-P	95	105	6	9
P2-95X105X7/10-P	95	105	7	10
P2-95X107X7/12-N	95	107	7	12
P2-100X108X5/7-N	100	108	5	7
P2-100X108X5/7-P	100	108	5	7
P2-100X110X6/9-P	100	110	6	9
P2-100X111X8/12-P	100	111	8	12
P2-100X112X7/12-N	100	112	7	12
P2-100X115X6/9-P	100	115	6	9
P2-100X115X9/12-P	100	115	9	12
P2-105X115X5/7-P	105	115	5	7
P2-105X115X6/9-P	105	115	6	9
P2-110X120X3/5,2-P	110	120	3	5,2
P2-110X120X6/9-P	110	120	6	9
P2-110X122X7/12-N	110	122	7	12
P2-110X122X7/12-P	110	122	7	12
P2-110X125X9/13-P	110	125	9	13
P2-115X125X5/7-N	115	125	5	7
P2-115X125X6/9-P	115	125	6	9
P2-115X126X8/12-P	115	126	8	12
P2-115X127X7/12-N	115	127	7	12
P2-120X130X5/7-N	120	130	5	7

P2-120X130X5/7-P	120	130	5	7
P2-120X130X6/9-P	120	130	6	9
P2-120X132X7/12-N	120	132	7	12
P2-125X133X5/7-N	125	133	5	7
P2-125X135X3/5,2-P	125	135	3	5,2
P2-125X135X6/9-P	125	135	6	9
P2-125X137X7/12-P	125	137	7	12
P2-125X140X10/16-N	125	140	10	16
P2-130X140X6/9-P	130	140	6	9
P2-130X142X7/12-N	130	142	7	12
P2-130X145X7/12-N	130	145	7	12
P2-132X142X6/9-P	132	142	6	9
P2-132X144X8/12-P	132	144	8	12
P2-135X145X6/9-P	135	145	6	9
P2-140X150X5/7-N	140	150	5	7
P2-140X152X7/12-P	140	152	7	12
P2-140X155X9/12-P	140	155	9	12
P2-140X155X10/16-N	140	155	10	16
P2-140X155X10/16-P	140	155	10	16
P2-142X152X3/6-P	142	152	3	6
P2-142X152X6/9-P	142	152	6	9
P2-145X155X3/5,2-P	145	155	3	5,2
P2-145X155X6/9-P	145	155	6	9
P2-150X160X6/9-P	150	160	6	9
P2-150X165X10/16-N	150	165	10	16
P2-152X162X6/9-P	152	162	6	9
P2-152X164X8/12-P	152	164	8	12
P2-160X170X3/5,2-P	160	170	3	5,2
P2-160X170X5/7-P	160	170	5	7
P2-160X170X6/9-P	160	170	6	9
P2-160X172X7/12-P	160	172	7	12
P2-160X175X10/16-N	160	175	10	16
P2-165X175X6/9-P	165	175	6	9
P2-170X180X6/9-P	170	180	6	9
P2-170X182X7/12-P	170	182	7	12
P2-172X182X6/9-P	172	182	6	9
P2-172X184X8/12-P	172	184	8	12
P2-180X190X3/6-P	180	190	3	6
P2-180X190X6/9-P	180	190	6	9
P2-180X195X9/12-P	180	195	9	12
P2-180X200X10/18-N	180	200	10	18
P2-185X195X6/9-P	185	195	6	9
P2-190X200X6/9-P	190	200	6	9
P2-194X204X6/9-P	194	204	6	9
P2-194X206X8/12-P	194	206	8	12
P2-200X208X5/7-P	200	208	5	7
P2-200X210X6/9-P	200	210	6	9
P2-200X215X10/16-P	200	215	10	16
P2-200X220X10/18-N	200	220	10	18
P2-210X225X6,5/13-N	210	225	6,5	13
P2-212X222X6/9-P	212	222	6	9
P2-218X228X6/9-P	218	228	6	9
P2-218X230X8/12-P	218	230	8	12
P2-220X235X6,5/13-N	220	235	6,5	13
P2-220X235X10/16-N	220	235	10	16
P2-250X270X10/18-N	250	270	10	18
P2-260X280X10/18-N	260	280	10	18
P2-280X300X10/18-N	280	300	10	18
P2-300X320X10/18-N	300	320	10	18

GA

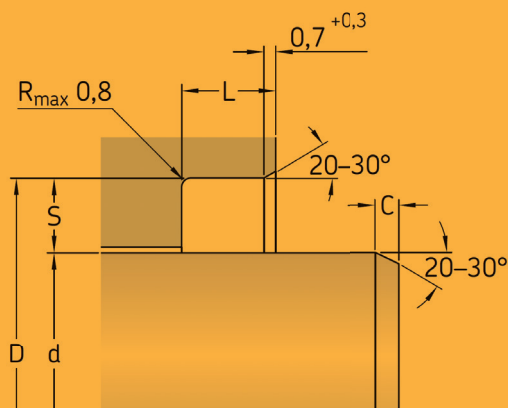


OMINAISUUDET

Materiaali	Nitriilikumi/Teräskehä	Viton/Teräskehä (V)
Nopeus	2,0 m/s	2,0 M/S
Lämpötila	-30 – +100 °C	-20 – +200 °C

Tuotekoodi	d	D	h	H										
GA6X13X3/4,5	6	13	3	4,5	GA30X42X5/8	30	42	5	8	GA60X75X7/10	60	75	7	10
GA8X14X3,5/5	8	14	3,5	5	GA30X45X5/8	30	45	5	8	GA60X80X7/10	60	80	7	10
GA10X16X3/4,5	10	16	3	4,5	GA32X40X4/7	32	40	4	7	GA63X73X5/7	63	73	5	7
GA12X18X3,5/5	12	18	3,5	5	GA32X42X5/7	32	42	5	7	GA63X73X7/10	63	73	7	10
GA12X20X4/6	12	20	4	6	GA32X42X7/10	32	42	7	10	GA63X75X7/10	63	75	7	10
GA12X22X5/8	12	22	5	8	GA32X45X5/8	32	45	5	8	GA65X75X5/7	65	75	5	7
GA14X20X3,5/5	14	20	3,5	5	GA32X45X7/10	32	45	7	10	GA65X75X7/10	65	75	7	10
GA14X22X3/4	14	22	3	4	GA35X45X7/10	35	45	7	10	GA70X80X5/7	70	80	5	7
GA14X25X5/8	14	25	5	8	GA35X50X7/10	35	50	7	10	GA70X80X7/10	70	80	7	10
GA15X25X5/8	15	25	5	8	GA35X52X7/10	35	52	7	10	GA70X84X7/10	70	84	7	10
GA16X22X3/4	16	22	3	4	GA36X45X7/10	36	45	7	10	GA75X83X7/10	75	83	7	10
GA16X26X5/8	16	26	5	8	GA36X45X7/10V	36	45	7	10	GA75X85X7/10	75	85	7	10
GA18X26X5/7	18	26	5	7	GA36X46X5/7V	36	46	5	7	GA75X87X5/7	75	87	5	7
GA18X28X5/7V	18	28	5	7	GA36X46X5/8	36	46	5	8	GA80X88X7/10	80	88	7	10
GA18X28X5/8	18	28	5	8	GA36X46X7/10	36	46	7	10	GA80X90X7/10	80	90	7	10
GA18X28X7/10	18	28	7	10	GA38X48X7/10	38	48	7	10	GA80X90X7/10V	80	90	7	10
GA20X26X4/7	20	26	4	7	GA40X50X5/8	40	50	5	8	GA85X95X7/10	85	95	7	10
GA20X28X3,5/5	20	28	3,5	5	GA40X50X5/8V	40	50	5	8	GA90X100X7/10	90	100	7	10
GA20X30X4/6	20	30	4	6	GA40X50X7/10	40	50	7	10	GA90X100X7/10V	90	100	7	10
GA20X30X5/7	20	30	5	7	GA40X50X7/10V	40	50	7	10	GA95X105X7/10	95	105	7	10
GA20X30X7/10	20	30	7	10	GA40X52X5/8	40	52	5	8	GA100X110X7/10	100	110	7	10
GA20X30X7/10V	20	30	7	10	GA42X52X7/10	42	52	7	10	GA100X115X9/12	100	115	9	12
GA20X32X6/9	20	32	6	9	GA45X55X5/7	45	55	5	7	GA105X115X7/10	105	115	7	10
GA20X35X7/10	20	35	7	10	GA45X55X7/10	45	55	7	10	GA110X120X7/10	110	120	7	10
GA22X28X5/9	22	28	5	9	GA45X55X7/10V	45	55	7	10	GA115X125X7/10	115	125	7	10
GA22X30X5/8	22	30	5	8	GA45X60X7/10	45	60	7	10	GA120X130X7/10	120	130	7	10
GA22X32X5/8	22	32	5	8	GA47X57X7/10	47	57	7	10	GA120X140X9/12	120	140	9	12
GA22X32X7/10	22	32	7	10	GA48X60X7/10	48	60	7	10	GA125X140X7/10	125	140	7	10
GA22X35X5/8	22	35	5	8	GA50X56X5/8	50	56	5	8	GA125X140X9/12	125	140	9	12
GA24X32X5/7	24	32	5	7	GA50X60X5/7	50	60	5	7	GA125X140X9/12V	125	140	9	12
GA24X35X5/8	24	35	5	8	GA50X60X7/10	50	60	7	10	GA130X145X9/12	130	145	9	12
GA25X33X4/6	25	33	4	6	GA50X60X7/10V	50	60	7	10	GA135X150X9/12	135	150	9	12
GA25X35X5/8	25	35	5	8	GA50X65X7/10	50	65	7	10	GA140X155X9/12	140	155	9	12
GA25X35X7/10	25	35	7	10	GA52X62X7/10	52	62	7	10	GA145X160X9/12	145	160	9	12
GA25X35X7/10V	25	35	7	10	GA55X63X7/10	55	63	7	10	GA150X165X9/12	150	165	9	12
GA28X38X5/8	28	38	5	8	GA55X65X7/10	55	65	7	10	GA160X175X9/12	160	175	9	12
GA28X38X5/8V	28	38	5	8	GA56X65X7/10	56	65	7	10	GA170X185X10/14	170	185	10	14
GA28X38X7/10	28	38	7	10	GA56X66X5/7	56	66	5	7	GA180X195X10/14	180	195	10	14
GA28X40X7/10	28	40	7	10	GA56X66X7/10	56	66	7	10	GA200X220X12/16	200	220	12	16
GA28X40X7/10V	28	40	7	10	GA56X66X7/10V	56	66	7	10	GA210X230X12/16	210	230	12	16
GA30X40X5/8	30	40	5	8	GA56X70X8/11	56	70	8	11	GA220X240X9/12	220	240	9	12
GA30X40X5/8V	30	40	5	8	GA57,15X66,67X4,76/7,14	57,15	66,67	4,76	7,14	GA220X240X12/16	220	240	12	16
GA30X40X7/10	30	40	7	10	GA60X70X7/10	60	70	7	10	GA240X260X12/16	240	260	12	16
GA30X40X7/10V	30	40	7	10	GA60X70X7/10V	60	70	7	10	GA250X270X12/16	250	270	12	16
					GA60X74X5/8	60	74	5	8	GA280X300X12/16	280	300	12	16

PA

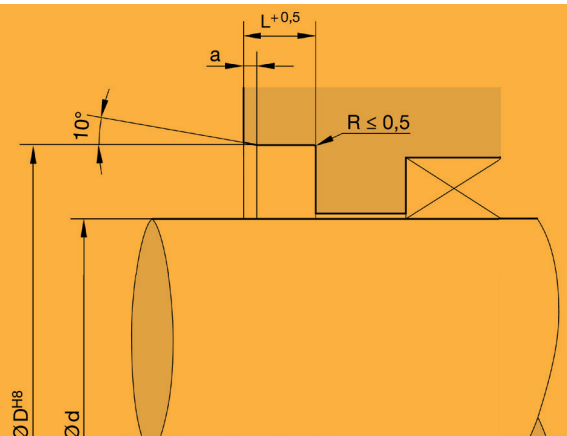


OMINAISUUDET

Materiaali Polyuretaani/Teräskehä
Nopeus 2,0 m/s
Lämpötila -30 – +110 °C

Tuotekoodi	d	D	h	H	PA65X75X7/10	65	75	7	10
PA20X30X7/10	20	30	7	10	PA70X80X7/10	70	80	7	10
PA25X35X5/8	25	35	5	8	PA75X85X7/10	75	85	7	10
PA28X38X7/10	28	38	7	10	PA80X90X7/10	80	90	7	10
PA28,57X38,1X5,56/7,14	28,57	38,1	5,56	7,14	PA90X100X7/10	90	100	7	10
PA30X40X7/10	30	40	7	10	PA100X110X7/10	100	110	7	10
PA32X42X7/10	32	42	7	10	PA105X115X7/10	105	115	7	10
PA32X45X7/10	32	45	7	10	PA110X120X7/10	110	120	7	10
PA35X45X7/10	35	45	7	10	PA120X130X7/10	120	130	7	10
PA36X46X7/10	36	46	7	10	PA125X141X9/12	125	141	9	12
PA40X50X7/10	40	50	7	10	PA130X146X9/12	130	146	9	12
PA45X55X7/10	45	55	7	10	PA140X155X9/12	140	155	9	12
PA50X60X7/10	50	60	7	10	PA160X175X9/12	160	175	9	12
PA50X65X7/10	50	65	7	10	PA160X180X10/14	160	180	10	14
PA55X65X7/10	55	65	7	10	PA170X190X10/14	170	190	10	14
PA56X70X8/11	56	70	8	11	PA180X205X12/17	180	205	12	17
PA60X70X7/10	60	70	7	10	PA190X215X12/17	190	215	12	17
PA63X75X7/10	63	75	7	10	PA220X245X12/17	220	245	12	17

PAF

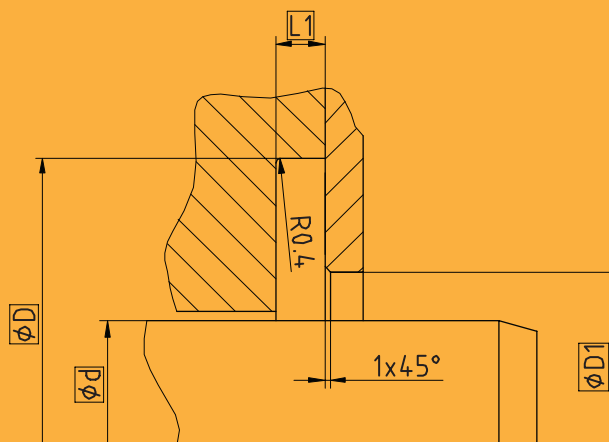
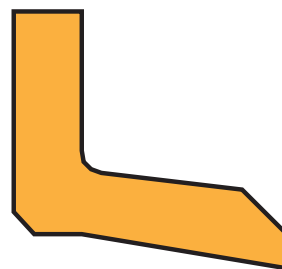


OMINAISUUDET

Materiaali Polyuretaani/Teräshehjä
Nopeus 2,0 m/s
Lämpötila -30 – +110 °C

Tuotekoodi	d	D	H	PAF69,85X82,55X7,93	69,85	82,55	7,93	PAF110X125X9	110	125	9
PAF38,1X50,8X6,35	38,1	50,8	6,35	PAF70X84X8	70	84	8	PAF110X126X8	110	126	8
PAF40X50X8	40	50	8	PAF70X85X8	70	85	8	PAF110X130X10	110	130	10
PAF44,45X57,15X6,35	44,45	57,15	6,35	PAF75X89X8	75	89	8	PAF114,3X129X6	114,3	129	6
PAF45X55X4	45	55	4	PAF75X90X7,5	75	90	7,5	PAF115X130X8	115	130	8
PAF45X60X7,5	45	60	7,5	PAF76,2X88,9X7,94	76,2	88,9	7,94	PAF115X135X8	115	135	8
PAF50X60X5	50	60	5	PAF80X90X6	80	90	6	PAF120X135X8	120	135	8
PAF50X65X7,5	50	65	7,5	PAF80X94X8	80	94	8	PAF120X140X10	120	140	10
PAF50,8X63,5X7,93	50,8	63,5	7,93	PAF80X95X5	80	95	5	PAF125X145X10	125	145	10
PAF52,15X69,85X6,35	52,15	69,85	6,35	PAF80X95X7,5	80	95	7,5	PAF130X145X7,5	130	145	7,5
PAF56X70X7,5	56	70	7,5	PAF85X99X8	85	99	8	PAF130X155X10	130	155	10
PAF57,15X69,8X6,35	57,15	69,8	6,35	PAF88,9X104,7X7,93	88,9	104,7	7,93	PAF150X180X10	150	180	10
PAF57,15X69,85X7,93	57,15	69,85	7,93	PAF90X100X7	90	100	7	PAF160X190X10	160	190	10
PAF60X70X5	60	70	5	PAF90X104X8	90	104	8	PAF165,1X184,1X7,9	165,1	184,1	7,9
PAF60X74X8	60	74	8	PAF90X105X6	90	105	6	PAF170X200X10	170	200	10
PAF60X75X7,5	60	75	7,5	PAF90X106X8	90	106	8	PAF180X200X10	180	200	10
PAF60X75X8	60	75	8	PAF95X109X8	95	109	8				
PAF63X78X7,5	63	78	7,5	PAF100X115X7,5	100	115	7,5				
PAF63,5X76,2X7,93	63,5	76,2	7,93	PAF100X116X8	100	116	8				
PAF63,5X82,55X9,52	63,5	82,55	9,52	PAF100X120X10	100	120	10				
PAF65X80X7,5	65	80	7,5	PAF101,6X117X6	101,6	117	6				

PDK

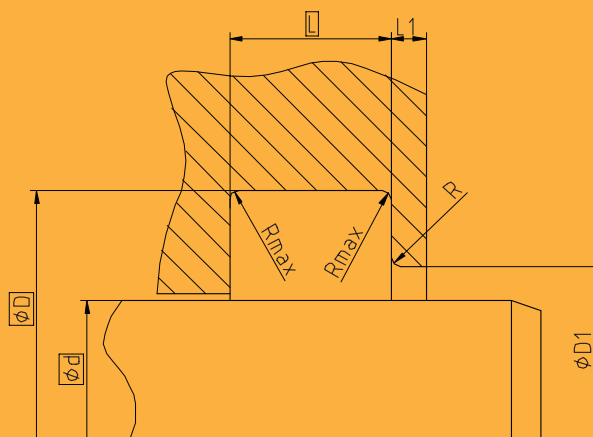
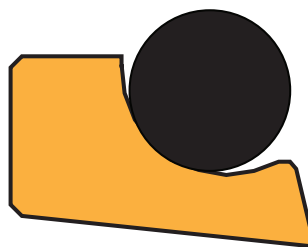


OMINAISUUDET

Materiaali Nitrilikumi
 Nopeus 0,8 m/s
 Lämpötila -30 – +100 °C

Tuotekoodi	d	D	h	H	PDK63X73X2,15/4	63	73	2,15	4
PDK15X21X1,3/3	15	21	1,3	3	PDK65X75X2,15/4	65	75	2,15	4
PDK16X22X1,3/3	16	22	1,3	3	PDK70X80X2,15/4	70	80	2,15	4
PDK18X24X1,3/3	18	24	1,3	3	PDK80X90X2,15/4	80	90	2,15	4
PDK20X27,5X1,6X3	20	27,5	1,6	3	PDK90X100X2,15/4	90	100	2,15	4
PDK25X32,5X1,6/3	25	32,5	1,6	3	PDK95X105X2,15/4	95	105	2,15	4
PDK30X37,5X1,6/3	30	37,5	1,6	3	PDK100X110X2,15/4	100	110	2,15	4
PDK32X39,5X1,6/3-PU	32	39,5	1,6	3	PDK110X120X2,15/4	110	120	2,15	4
PDK33X40,5X1,6/3	33	40,5	1,6	3	PDK120X130X2,15/4	120	130	2,15	4
PDK35X42,5X1,6/3	35	42,5	1,6	3	PDK125X135X2,15/4	125	135	2,15	4
PDK40X47,5X1,6/3	40	47,5	1,6	3	PDK140X150X2,15/4	140	150	2,15	4
PDK45X52,5X1,6/3	45	52,5	1,6	3	PDK150X165X3,15/6	150	165	3,15	6
PDK50X60X2,15/4	50	60	2,15	4	PDK170X185X3,15/6	170	185	3,15	6
PDK55X65X2,15/4	55	65	2,15	4	PDK180X195X3,15/6	180	195	3,15	6
PDK60X70X2,15/4	60	70	2,15	4	PDK200X215X3,15/6	200	215	3,15	6

P25F

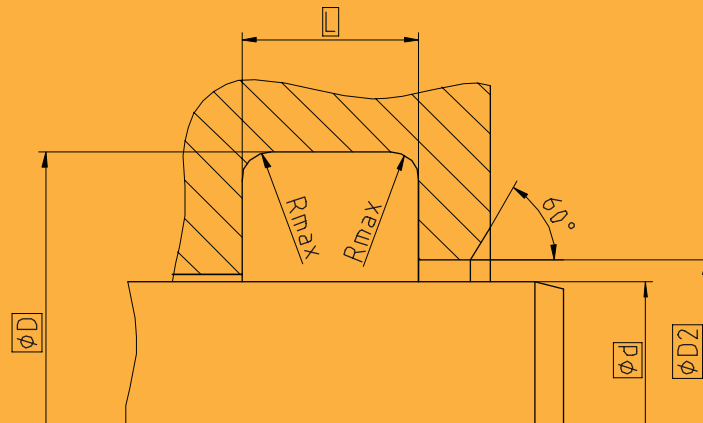


OMINAISUUDET

Materiaali Pronssiteflon / Nitrilikumi
 Nopeus 10,0 m/s
 Lämpötila -30 – +100 °C

Tuotekoodi	d	D	H	P25F56X62,8X5	56	62,8	5
P25F22X28,8X5	22	28,8	5	P25F60X66,8X5	60	66,8	5
P25F25X31,8X5	25	31,8	5	P25F63X69,8X5	63	69,8	5
P25F28X34,8X5	28	34,8	5	P25F65X73,8X6	65	73,8	6
P25F30X36,8X5	30	36,8	5	P25F70X78,8X6	70	78,8	6
P25F32X38,8X5	32	38,8	5	P25F80X88,8X6	80	88,8	6
P25F35X41,8X5	35	41,8	5	P25F90X96,8X5	90	96,8	5
P25F36X42,8X5	36	42,8	5	P25F90X98,8X6	90	98,8	6
P25F40X46,8X5	40	46,8	5	P25F100X108,8X6	100	108,8	6
P25F45X51,8X5	45	51,8	5	P25F110X118,8X6	110	118,8	6
P25F50X56,8X5	50	56,8	5				

P27F

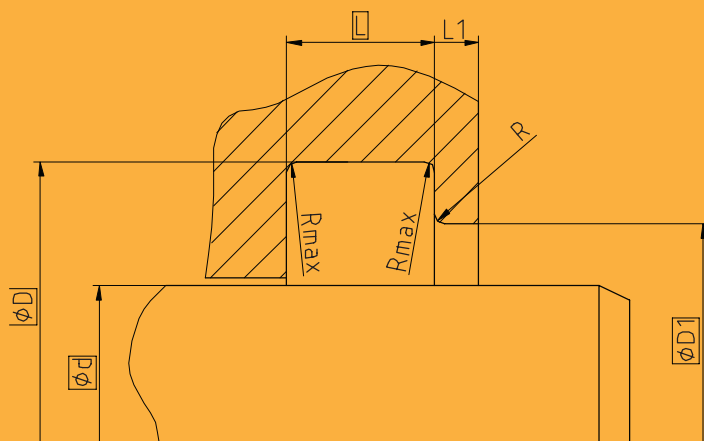
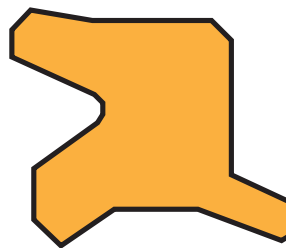


OMINAISUUDET

Materiaali Pronssiteflon / Nitrilikumi
 Nopeus 10,0 m/s
 Lämpötila -30 – +100 °C

Tuotekoodi	d	D	L
P27F18X24,8X5	18	24,8	5
P27F28X35,6X4,2	28	35,6	4,2
P27F32X39,6X4,2	32	39,6	4,2
P27F36X43,6X4,2	36	43,6	4,2
P27F40X46,8X5	40	46,8	5
P27F45X51,8X5	45	51,8	5
P27F50X58,8X6,3	50	58,8	6,3
P27F60X66,8X5	60	66,8	5
P27F60X68,8X6,3	60	68,8	6,3
P27F65X73,8X6	65	73,8	6
P27F70X78,8X6	70	78,8	6
P27F70X82,2X8,1	70	82,2	8,1
P27F80X92,2X8,1	80	92,2	8,1
P27F100X108,8X6	100	108,8	6
P27F110X118,8X6	110	118,8	6
P27F110X122,2X8,1	110	122,2	8,1
P27F140X148,8X6	140	148,8	6
P27F170X178,8X6	170	178,8	6

PAY

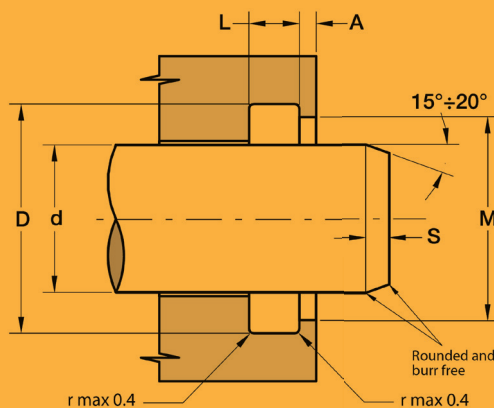
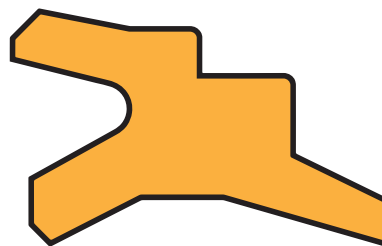


OMINAISUUDET

Materiaali Polyuretaani
 Nopeus 1,0 m/s
 Lämpötila -30 – +110 °C

Tuotekoodi	d	D	h	H	PAY36X44X4,5/5,8	36	44	4,5	5,8
PAY12X18X3,6/4,8	12	18	3,6	4,8	PAY40X48X4,5/5,8	40	48	4,5	5,8
PAY14X20X3,6/4,8	14	20	3,6	4,8	PAY45X53X4,5/5,8	45	53	4,5	5,8
PAY16X22X3,6/4,8	16	22	3,6	4,8	PAY50X58X4,5/5,8	50	58	4,5	5,8
PAY18X24X3,6/4,8	18	24	3,6	4,8	PAY55X65X5,3/6,8	55	65	5,3	6,8
PAY18X26X6/8	18	26	6	8	PAY56X64X5/7	56	64	5	7
PAY20X26X3,6/4,8	20	26	3,6	4,8	PAY56X66X5,3/6,8	56	66	5,3	6,8
PAY22X28X3,8/4,8	22	28	3,8	4,8	PAY60X70X5,3/6,8	60	70	5,3	6,8
PAY25X31X3,6/4,8	25	31	3,6	4,8	PAY63X73X5,3/6,8	63	73	5,3	6,8
PAY25X33X5/7	25	33	5	7	PAY65X73X5,8/6,8	65	73	5,8	6,8
PAY28X36X4,5/5,8	28	36	4,5	5,8	PAY70X80X5,3/6,8	70	80	5,3	6,8
PAY28X36X5/7	28	36	5	7	PAY80X90X5,3/6,8	80	90	5,3	6,8
PAY30X38X4,5/5,8	30	38	4,5	5,8	PAY90X100X5,3/6,8	90	100	5,3	6,8
PAY32X40X5/5,8	32	40	5	5,8	PAY110X122X7/10	110	122	7	10
PAY35X43X4,5/5,8	35	43	4,5	5,8					

PP8

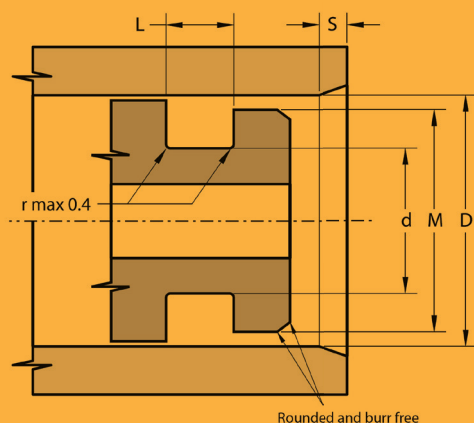
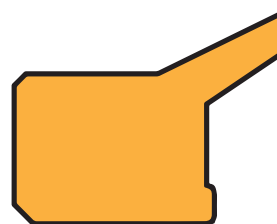


OMINAISUUDET

Materiaali Nitrilikumi
Nopeus 0,8 m/s
Lämpötila -30 – +100 °C

Tuotekoodi	d	D	h	H					
PP8-10X16X4/7-P	10	16	4	7	PP8-140X152X8/11-N	140	152	8	11
PP8-16X24X4,5/6-N	16	24	4,5	6	PP8-150X162X8/11-N	150	162	8	11
PP8-20X28X6/8-N	20	28	6	8	PP8-190X202X8/11-N	190	202	8	11
PP8-25X33X6/8-N	25	33	6	8	PP8-210X225X9,5/13-N	210	225	9,5	13
PP8-30X38X6/8-N	30	38	6	8	PP8-260X275X9,5/13-N	260	275	9,5	13
PP8-32X40X6/8-N	32	40	6	8	PP8-270X285X9,5/13-N	270	285	9,5	13
PP8-36X44X6/8-N	36	44	6	8	PP8-280X295X9,5/13-N	280	295	9,5	13
PP8-45X53X6/8-N	45	53	6	8	PP8-290X305X9,5/13-N	290	305	9,5	13
PP8-50X58X6/8-N	50	58	6	8	PP8-300X315X9,5/13-N	300	315	9,5	13
PP8-85X93X6/8-N	85	93	6	8	PP8-340X355X9,5/13-N	340	355	9,5	13
PP8-125X137X8/12-N	125	137	8	12	PP8-390X405X9,5/13-N	390	405	9,5	13
PP8-130X142X8/11-N	130	142	8	11	PP8-420X435X9,5/13-N	420	435	9,5	13
					PP8-460X475X9,5/13-N	460	475	9,5	13

SAA



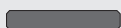
OMINAISUUDET

Materiaali Polyuretaani
 Nopeus 0,8 m/s
 Lämpötila -30 – +110 °C

Tuotekoodi	D	d	L
SAA30	30	21,4	5,3
SAA40	40	31,4	5,3
SAA50	50	41,4	5,3
SAA60	60	51,4	5,3
SAA63	63	54,4	5,3
SAA70	70	61,4	5,3
SAA80	80	71,4	5,3
SAA90	90	81,4	5,3
SAA95	95	86,4	5,3
SAA100	100	91,4	5,3
SAA110	110	101,4	5,3
SAA115	115	106,4	5,3
SAA120	120	111,4	5,3
SAA125	125	116,4	5,3
SAA130	130	121,4	5,3
SAA140	140	131,4	5,3



Ohjaimet



**VARRENOHJAIN-
RENKAAT**

72



**MÄNNÄN-
OHJAINRENKAAT**

73



**KOVAKUDOS-
OHJAIN**

74



FIL-OHJAIMET

76



OHJAINNAUHA

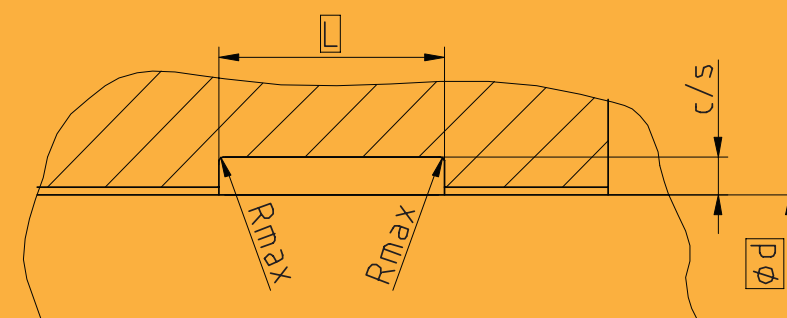
77



**KOVAKUDOS-
NAUHA**

78

IPWR

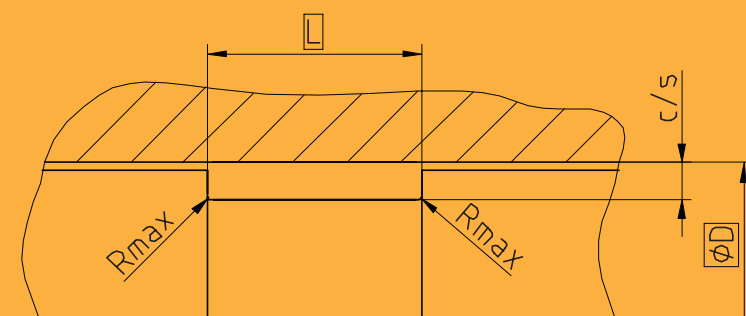


OMINAISUUDET

Materiaali Asetaalinuovi
Nopeus 1,0 m/s
Lämpötila -30 – +110 °C

Tuotekoodi	d	D	H	IPWR45X51X9,6	45	51	9,6	IPWR100X106X12,8	100	106	12,8
IPWR18X22X9,6	18	22	9,6	IPWR45X51X12,8	45	51	12,8	IPWR105X111X12,8	105	111	12,8
IPWR20X26X9,6	20	26	9,6	IPWR50X56X9,6	50	56	9,6	IPWR105X111X17,8	105	111	17,8
IPWR22X28X9,6	22	28	9,6	IPWR50X56X12,8	50	56	12,8	IPWR110X116X12,8	110	116	12,8
IPWR25X31X9,6	25	31	9,6	IPWR55X61X12,8	55	61	12,8	IPWR115X121X12,8	115	121	12,8
IPWR28X34X9,6	28	34	9,6	IPWR56X62X12,8	56	62	12,8	IPWR120X126X12,8	120	126	12,8
IPWR30X36X9,6	30	36	9,6	IPWR60X66X12,8	60	66	12,8	IPWR125X131X12,8	125	131	12,8
IPWR32X36X9,6	32	36	9,6	IPWR63X69X12,8	63	69	12,8	IPWR130X136X12,8	130	136	12,8
IPWR32X38X9,6	32	38	9,6	IPWR63X69X17,8	63	69	17,8	IPWR140X146X12,8	140	146	12,8
IPWR35X39X9,6	35	39	9,6	IPWR65X71X12,8	65	71	12,8	IPWR142X148X12,8	142	148	12,8
IPWR35X41X9,6	35	41	9,6	IPWR70X76X12,8	70	76	12,8	IPWR150X156X12,8	150	156	12,8
IPWR36X42X9,6	36	42	9,6	IPWR75X81X12,8	75	81	12,8	IPWR160X166X19,2	160	166	19,2
IPWR40X44X9,6	40	44	9,6	IPWR80X86X12,8	80	86	12,8	IPWR165X171X19,2	165	171	19,2
IPWR40X45X5,4	40	45	5,4	IPWR85X91X12,8	85	91	12,8	IPWR180X186X19,2	180	186	19,2
IPWR40X46X9,6	40	46	9,6	IPWR90X96X12,8	90	96	12,8	IPWR185X191X19,2	185	191	19,2
IPWR40X46X12,8	40	46	12,8	IPWR95X101X12,8	95	101	12,8				

EPWR



OMINAISUUDET

Materiaali Asetaalimuovi
 Nopeus 1,0 m/s
 Lämpötila -30 – +110 °C

Tuotekoodi	D	d	H				
EPWR25X21X9,6	25	21	9,6	EPWR80X75X9,6	80	75	9,6
EPWR32X28X9,6	32	28	9,6	EPWR80X76X15	80	76	15
EPWR40X34X9,6	40	34	9,6	EPWR85X79X12,8	85	79	12,8
EPWR40X36X9,6	40	36	9,6	EPWR90X84X12,8	90	84	12,8
EPWR50X44X9,6	50	44	9,6	EPWR100X94X12,8	100	94	12,8
EPWR50X46X9,6	50	46	9,6	EPWR100X96X15	100	96	15
EPWR55X49X12,8	55	49	12,8	EPWR110X104X12,8	110	104	12,8
EPWR60X54X9,6	60	54	9,6	EPWR115X109X12,8	115	109	12,8
EPWR60X54X12,8	60	54	12,8	EPWR120X114X12,8	120	114	12,8
EPWR63X57X12,8	63	57	12,8	EPWR125X119X12,8	125	119	12,8
EPWR63X58X9,6	63	58	9,6	EPWR130X124X12,8	130	124	12,8
EPWR63X59X9,6	63	59	9,6	EPWR140X134X12,8	140	134	12,8
EPWR65X59X12,8	65	59	12,8	EPWR150X144X12,8	150	144	12,8
EPWR70X64X12,8	70	64	12,8	EPWR160X154X19,2	160	154	19,2
EPWR70X65X9,7	70	65	9,7	EPWR180X174X19,2	180	174	19,2
EPWR75X69X12,8	75	69	12,8	EPWR200X194X19,2	200	194	19,2
EPWR80X74X12,8	80	74	12,8	EPWR250X244X19,2	250	244	19,2

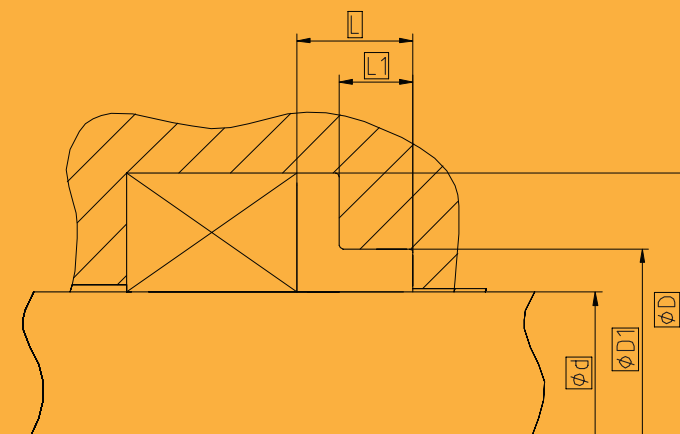


Materiaali	Kovakudos
Nopeus	4,0 m/s
Lämpötila	-40 – +130 °C

Tuotekoodi	d	D	H	KK32X37X9,7	32	37	9,7	KK45X50X5,6	45	50	5,6	KK56X61X15	56	61	15
KK22X26X6,3	22	26	6,3	KK32X38X9,6	32	38	9,6	KK45X50X9,7	45	50	9,7	KK56X62X13	56	62	13
KK25X30X5,6	25	30	5,6	KK32X38X19,8	32	38	19,8	KK45X50X15	45	50	15	KK57X63X13	57	63	13
KK25X30X9,7	25	30	9,7	KK34X40X9,7	34	40	9,7	KK45X50X19,6	45	50	19,6	KK58X63X5,6	58	63	5,6
KK25X30X15	25	30	15	KK35X38X5,6	35	38	5,6	KK45X51X13	45	51	13	KK58X63X9,7	58	63	9,7
KK26X30X8	26	30	8	KK35X40X5,6	35	40	5,6	KK46X50X5,6	46	50	5,6	KK58X63X15	58	63	15
KK27X32X5,6	27	32	5,6	KK35X40X9,7	35	40	9,7	KK46X50X9,7	46	50	9,7	KK60X65X5,6	60	65	5,6
KK27X32X9,7	27	32	9,7	KK35X40X15	35	40	15	KK47X50X5,6	47	50	5,6	KK60X65X8	60	65	8
KK28X32X5,6	28	32	5,6	KK36X39X5,6	36	39	5,6	KK50X55X5,6	50	55	5,6	KK60X65X8,8	60	65	8,8
KK28X32X8	28	32	8	KK36X40X8	36	40	8	KK50X55X9,7	50	55	9,7	KK60X65X9	60	65	9
KK28X32X9,7	28	32	9,7	KK36X41X5,6	36	41	5,6	KK50X55X15	50	55	15	KK60X65X9,7	60	65	9,7
KK28X33X5,6	28	33	5,6	KK36X41X9,7	36	41	9,7	KK50X56X12,8	50	56	12,8	KK60X65X15	60	65	15
KK28X33X9,7	28	33	9,7	KK36X42X9,7	36	42	9,7	KK50X56X20	50	56	20	KK60X65X19,8	60	65	19,8
KK28X34X9,7	28	34	9,7	KK37X40X3,55H	37	40	3,55	KK54X60X9,7	54	60	9,7	KK60X66X13	60	66	13
KK28X34X10	28	34	10	KK40X43X5,6	40	43	5,6	KK54X60X12,8	54	60	12,8	KK63X68X9,7	63	68	9,7
KK29X32X5,5	29	32	5,5	KK40X43X9,7	40	43	9,7	KK54X60X15	54	60	15	KK63X68X15	63	68	15
KK30X34X8	30	34	8	KK40X45X5,6	40	45	5,6	KK54X62X13	54	62	13	KK63X69X13	63	69	13
KK30X35X5,6	30	35	5,6	KK40X45X9,7	40	45	9,7	KK55X60X5,6	55	60	5,6	KK63X69X30	63	69	30
KK30X35X9,7	30	35	9,7	KK40X45X15	40	45	15	KK55X60X9,7	55	60	9,7	KK64X70X13	64	70	13
KK30X36X10	30	36	10	KK40X46X10	40	46	10	KK55X60X15	55	60	15	KK65X70X5,6	65	70	5,6
KK32X35X5,5	32	35	5,5	KK40X46X15	40	46	15	KK55X60X25	55	60	25	KK65X70X8	65	70	8
KK32X36X20	32	36	20	KK42X47X9,7	42	47	9,7	KK56X61X5,6	56	61	5,6	KK65X70X9,7	65	70	9,7
KK32X37X5,6	32	37	5,6	KK44X50X9,7	44	50	9,7	KK56X61X9,7	56	61	9,7	KK65X70X15	65	70	15

KK65X70X19,8	65	70	19,8	KK110X115X8	110	115	8	KK153X160X24,8	153	160	24,8	KK244X250X19,5	244	250	19,5
KK65X71X12,8	65	71	12,8	KK110X115X9,7	110	115	9,7	KK153X160X39,8	153	160	39,8	KK244X250X24,8	244	250	24,8
KK69X75X12,8	69	75	12,8	KK110X115X15	110	115	15	KK154X160X13	154	160	13	KK245X250X20	245	250	20
KK69X75X24,8	69	75	24,8	KK110X115X19,8	110	115	19,8	KK154X160X30	154	160	30	KK245X250X25	245	250	25
KK70X75X5,6	70	75	5,6	KK110X115X25	110	115	25	KK155X160X9,7	155	160	9,7	KK245X250X30	245	250	30
KK70X75X9,7	70	75	9,7	KK110X116X12,8	110	116	12,8	KK155X160X15	155	160	15	KK255X260X25	255	260	25
KK70X75X15	70	75	15	KK114X120X29,8	114	120	29,8	KK155X160X19,8	155	160	19,8	KK255X260X30	255	260	30
KK70X76X12,8	70	76	12,8	KK115X120X5,6	115	120	5,6	KK156X160X30	156	160	30	KK260X265X14,8	260	265	14,8
KK71X75X12	71	75	12	KK115X120X8	115	120	8	KK160X165X9	160	165	9	KK285X290X20	285	290	20
KK74X80X13	74	80	13	KK115X120X9,7	115	120	9,7	KK160X165X9,7	160	165	9,7	KK285X290X24,7	285	290	24,7
KK75X80X5,6	75	80	5,6	KK115X120X13,7	115	120	13,7	KK160X165X15	160	165	15	KK290X295X14,8	290	295	14,8
KK75X80X8	75	80	8	KK115X120X15	115	120	15	KK160X165X20	160	165	20	KK292X300X19,8	292	300	19,8
KK75X80X9,7	75	80	9,7	KK119X125X13	119	125	13	KK160X165X25	160	165	25	KK294X300X34,7	294	300	34,7
KK75X80X15	75	80	15	KK119X125X15	119	125	15	KK160X166X13	160	166	13	KK310X315X14,8	310	315	14,8
KK75X80X19,8	75	80	19,8	KK120X125X8	120	125	8	KK160X166X19	160	166	19	KK352X360X24,7	352	360	24,7
KK79X85X24,8	79	85	24,8	KK120X125X9,7	120	125	9,7	KK160X166X19,8	160	166	19,8	KK354X360X40	354	360	40
KK80X85X5,6	80	85	5,6	KK120X125X15	120	125	15	KK160X166X20	160	166	20	KK385X390X15	385	390	15
KK80X85X9,7	80	85	9,7	KK120X125X20	120	125	20	KK164X170X9,7	164	170	9,7				
KK80X85X15	80	85	15	KK120X125X24,8	120	125	24,8	KK165X170X15	165	170	15				
KK80X85X19,8	80	85	19,8	KK120X126X12,8	120	126	12,8	KK165X171X12,8	165	171	12,8				
KK80X85X35	80	85	35	KK123X130X29,8	123	130	29,8	KK165X171X19,2	165	171	19,2				
KK80X86X12,8	80	86	12,8	KK125X130X5,6	125	130	5,6	KK170X175X15	170	175	15				
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KK84X90X13	84	90	13	KK125X130X9,7	125	130	9,7	KK172X180X44,7	172	180	44,7				
KK85X90X5,6	85	90	5,6	KK125X130X15	125	130	15	KK174X180X12,8	174	180	12,8				
KK85X90X8	85	90	8	KK125X130X25	125	130	25	KK174X180X20	174	180	20				
KK85X90X9,7	85	90	9,7	KK125X131X12,8	125	131	12,8	KK175X180X9,7	175	180	9,7				
KK85X90X15	85	90	15	KK128X135X25	128	135	25	KK175X180X15	175	180	15				
KK85X90X19,8	85	90	19,8	KK130X135X8	130	135	8	KK175X180X19,8	175	180	19,8				
KK89X94X5	89	94	5	KK130X135X9,7	130	135	9,7	KK175X180X24,5	175	180	24,5				
KK89X95X24,8	89	95	24,8	KK130X135X15	130	135	15	KK175X180X30	175	180	30				
KK90X94X40	90	94	40	KK130X135X20	130	135	20	KK180X185X9,7	180	185	9,7				
KK90X95X8	90	95	8	KK133X138X15	133	138	15	KK180X185X15	180	185	15				
KK90X95X9,7	90	95	9,7	KK133X140X34,7	133	140	34,7	KK180X185X20	180	185	20				
KK90X95X15	90	95	15	KK134X140X12,8	134	140	12,8	KK180X185X24,8	180	185	24,8				
KK90X95X20	90	95	20	KK134X140X13	134	140	13	KK183X190X24,8	183	190	24,8				
KK90X95X25	90	95	25	KK135X140X5	135	140	5	KK185X191X12,8	185	191	12,8				
KK90X95X35	90	95	35	KK135X140X8	135	140	8	KK185X191X19,2	185	191	19,2				
KK90X96X13	90	96	13	KK135X140X9,7	135	140	9,7	KK190X195X15	190	195	15				
KK90X96X24,8	90	96	24,8	KK135X140X15	135	140	15	KK192X200X22,3	192	200	22,3				
KK94X100X24,8	94	100	24,8	KK135X140X19,8	135	140	19,8	KK192X200X44,8	192	200	44,8				
KK95X100X5,6	95	100	5,6	KK135X140X25	135	140	25	KK194X200X15	194	200	15				
KK95X100X8	95	100	8	KK140X145X8	140	145	8	KK194X200X20	194	200	20				
KK95X100X9,7	95	100	9,7	KK140X145X9,7	140	145	9,7	KK195X200X9,7	195	200	9,7				
KK95X100X15	95	100	15	KK140X145X14,8	140	145	14,8	KK195X200X15	195	200	15				
KK95X100X20	95	100	20	KK140X145X24,5	140	145	24,5	KK195X200X19,8	195	200	19,8				
KK95X100X25	95	100	25	KK140X145X25	140	145	25	KK195X200X25	195	200	25				
KK95X101X12,8	95	101	12,8	KK140X146X12,8	140	146	12,8	KK200X205X9,7	200	205	9,7				
KK100X105X8	100	105	8	KK140X146X35	140	146	35	KK200X205X15	200	205	15				
KK100X105X9,7	100	105	9,7	KK142X148X12,8	142	148	12,8	KK200X205X24,8	200	205	24,8				
KK100X105X15	100	105	15	KK145X150X8	145	150	8	KK202X207X15	202	207	15				
KK100X106X13	100	106	13	KK145X150X9,7	145	150	9,7	KK205X210X15	205	210	15				
KK100X106X15	100	106	15	KK145X150X15	145	150	15	KK215X220X9,7	215	220	9,7				
KK104X110X12,8	104	110	12,8	KK145X150X20	145	150	20	KK215X220X15	215	220	15				
KK104X110X15	104	110	15	KK145X150X25	145	150	25	KK215X220X20	215	220	20				
KK104X110X24,8	104	110	24,8	KK150X155X9,7	150	155	9,7	KK225X230X24,7	225	230	24,7				
KK105X110X8	105	110	8	KK150X155X15	150	155	15	KK230X235X14,8	230	235	14,8				
KK105X110X9,7	105	110	9,7	KK150X155X25	150	155	25	KK230X235X25	230	235	25				
KK105X110X15	105	110	15	KK152X157X15	152	157	15	KK235X240X15	235	240	15				
KK105X110X20	105	110	20	KK153X160X19,8	153	160	19,8	KK242X250X14,8	242	250	14,8				

FIL

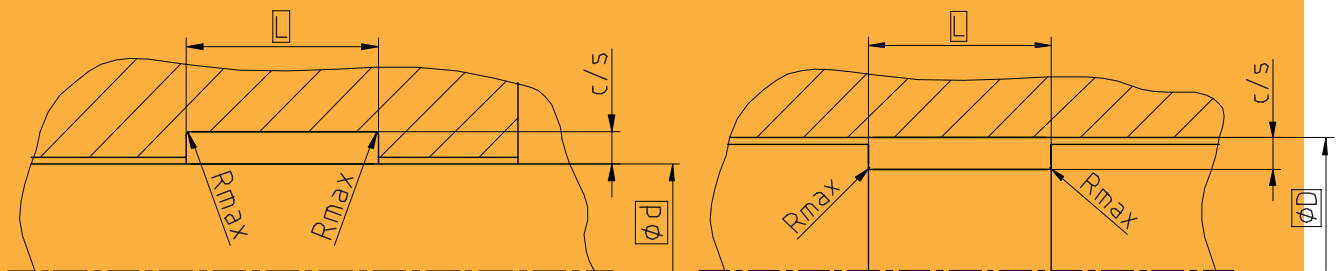


OMINAISUUDET

Materiaali Asetaalimuovi
 Nopeus 1,0 m/s
 Lämpötila -40 – +110 °C

Tuotekoodi	d	D1	D	L1	L	FIL115	115	121	126	5	13
FIL55	55	61	66	5	13	FIL125	125	131	136	5	13
FIL65X71X13/S	65	71	76	5	13	FIL129-HYVA	129	136	139,4	16	5
FIL70	70	76	81	5	13	FIL132	132	138	143	5	13
FIL72-HYVA	72	77	82,4	16	5	FIL135	135	141	146	5	13
FIL85	85	91	96	5	13	FIL142	142	148	153	5	13
FIL91-HYVA	91	96	101,4	16	5	FIL145X151X13/S	145	151	156	5	13
FIL95	95	101	106	5	13	FIL152	152	158	163	5	13
FIL100	100	106	111	5	13	FIL165X171X13/S	165	171	176	5	13
FIL105X111X13/S	105	111	116	5	13	FIL172	172	178	183	5	13
FIL110	110	116	121	5	13	FIL194	194	200	205	5	13
FIL110-HYVA	110	115	120,4	16	5	FIL218	218	224	229	5	13

PO



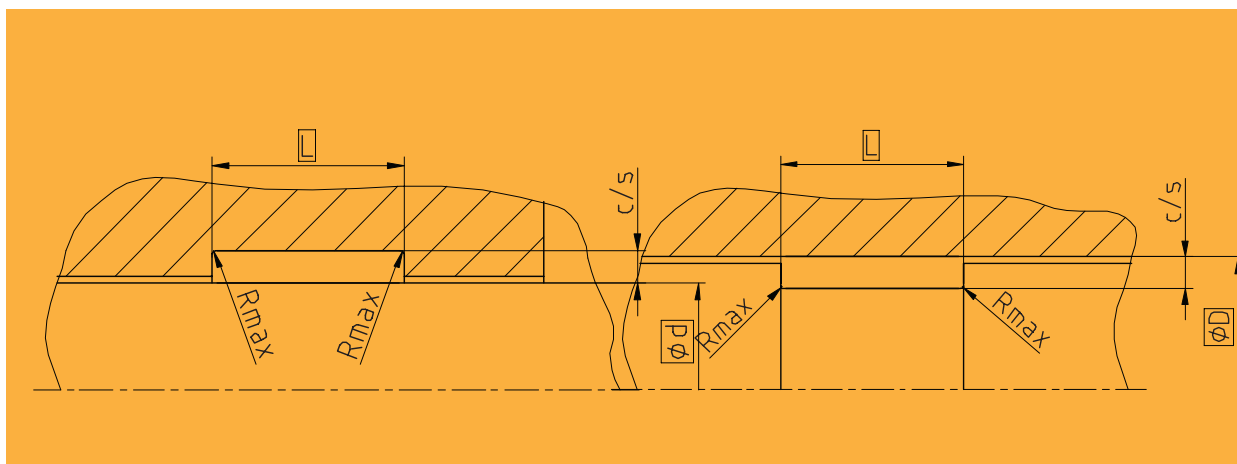
OMINAISUUDET

Materiaali PronssiPTFE(-P)
Nopeus 5,0 m/s
Lämpötila -200 – +260 °C

HiiliPTFE(-H)
5,0 m/s
-200 – +260 °C

Tuotekoodi	H	W	PO9,7X2,0P	9,7	2	PO20X2,0H	20	2
PO3,2X1,5P	3,2	1,5	PO9,7X2,5H	9,7	2,5	PO20X2,0P	20	2
PO4X1,5P	4	1,5	PO9,7X2,5P	9,7	2,5	PO20X2,5P	20	2,5
PO4X2,5P	4	2,5	PO9,7X4,0P	9,7	4	PO20X3,0H	20	3
PO5,6X1,5P	5,6	1,5	PO10X1,5H	10	1,5	PO20X3,0P	20	3
PO5,6X2,5H	5,6	2,5	PO10X1,5P	10	1,5	PO22X2,5P	22	2,5
PO5,6X2,5P	5,6	2,5	PO10X2,0H	10	2	PO24,5X4,0P	24,5	4
PO6X2,0P	6	2	PO10X2,0P	10	2	PO25X2,0H	25	2
PO6,0X4,0H	6	4	PO12X2,0P	12	2	PO25X2,0P	25	2
PO6,0X4,0P	6	4	PO12X3,0P	12	3	PO25X2,5P	25	2,5
PO6,3X1,5H	6,3	1,5	PO12,5X2,5P	12,5	2,5	PO29,5X4,0P	29,5	4
PO6,3X2,5H	6,3	2,5	PO12,5X3H	12,5	3	PO30X2,0P	30	2
PO6,3X2,5P	6,3	2,5	PO12,5X3P	12,5	3	PO30X2,5P	30	2,5
PO8X1,5H	8	1,5	PO15X1,5P	15	1,5	PO30X3,0P	30	3
PO8X1,5P	8	1,5	PO15X2,0H	15	2	PO30X4P	30	4
PO8X2,0H	8	2	PO15X2,0P	15	2	PO35X2,5P	35	2,5
PO8X2,0P	8	2	PO15X2,5H	15	2,5	PO40X2,5P	40	2,5
PO8X2,5P	8	2,5	PO15X2,5P	15	2,5	PO40X3,0P	40	3
PO8,0X4,0P	8	4	PO15X3,0P	15	3	PO40X4P	40	4
PO9,5X3,0H	9,5	3	PO15X4,0P	15	4	PO49,8X2,0P	49,8	2

KKNAUHA

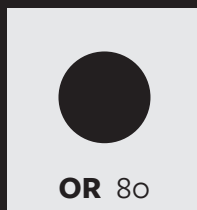


OMINAISUUDET

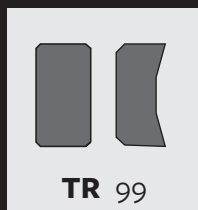
Materiaali Kovakudos
 Nopeus 1,0 m/s
 Lämpötila -40 – +130 °C

Tuotekoodi	H	W
KKNAUHA5,5X2,5	5,5	2,5
KKNAUHA5,5X3	5,5	3
KKNAUHA9,5X2,5	9,5	2,5
KKNAUHA9,5X3	9,5	3
KKNAUHA12,8X2,5	12,8	2,5
KKNAUHA14,8X2,5	14,8	2,5
KKNAUHA14,8X3	14,8	3
KKNAUHA15X4	15	4
KKNAUHA19,8X2,5	19,8	2,5
KKNAUHA19,8X3	19,8	3
KKNAUHA20X4	20	4
KKNAUHA24,8X2,5	24,8	2,5
KKNAUHA24,8X3	24,8	3
KKNAUHA25X4	25	4
KKNAUHA29,8X2,5	29,8	2,5
KKNAUHA40X2,5	40	2,5

O-renkaat ja tukirenkaat



OR 80



TR 99

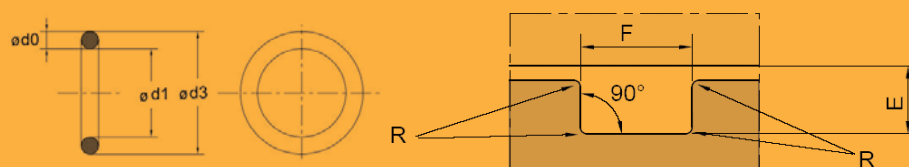
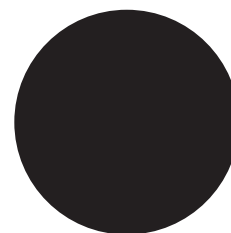


TR8 101



ORNAUHA 103

OR



OMINAISUUDET

Materiaali	NBR70	NBR90 (-90)	FKM (-V)	EPDM (-E)
Lämpötila	-30 – +100 °C	-30 – +100 °C	-20 – +200 °C	50 – +150 °C
Materiaali	SIL (-S)	PTFE (-PTFE)	PU(-PU)	
Lämpötila	-60 – +200 °C	-200 – +260 °C	-30 – +110 °C	

Tuotekoodi	d0	d1	OR1,00X008,00	1,00	8,00	OR1,00X020,00	1,00	20,00	OR1,20X001,80V	1,20	1,80
OR1,00X001,15	1,00	1,15	OR1,00X008,00-90	1,00	8,00	OR1,00X020,00V	1,00	20,00	OR1,20X002,50	1,20	2,50
OR1,00X001,50	1,00	1,50	OR1,00X008,00V	1,00	8,00	OR1,00X022,00	1,00	22,00	OR1,20X002,50V	1,20	2,50
OR1,00X002,00	1,00	2,00	OR1,00X008,50	1,00	8,50	OR1,00X023,00	1,00	23,00	OR1,20X003,00	1,20	3,00
OR1,00X002,00E	1,00	2,00	OR1,00X008,50V	1,00	8,50	OR1,00X025,00	1,00	25,00	OR1,20X003,50	1,20	3,50
OR1,00X002,00V	1,00	2,00	OR1,00X009,00	1,00	9,00	OR1,00X026,00V	1,00	26,00	OR1,20X003,50-90	1,20	3,50
OR1,00X002,50	1,00	2,50	OR1,00X010,00	1,00	10,00	OR1,00X028,00-90	1,00	28,00	OR1,20X003,50V	1,20	3,50
OR1,00X003,00	1,00	3,00	OR1,00X010,00V	1,00	10,00	OR1,00X030,00-90	1,00	30,00	OR1,20X004,00	1,20	4,00
OR1,00X003,00E	1,00	3,00	OR1,00X011,00	1,00	11,00	OR1,00X030,00V	1,00	30,00	OR1,20X005,00	1,20	5,00
OR1,00X003,00V	1,00	3,00	OR1,00X011,00-90	1,00	11,00	OR1,00X034,00-90	1,00	34,00	OR1,20X005,00V	1,20	5,00
OR1,00X003,50	1,00	3,50	OR1,00X012,00	1,00	12,00	OR1,00X035,00	1,00	35,00	OR1,20X005,82	1,20	5,82
OR1,00X004,00	1,00	4,00	OR1,00X012,00-90	1,00	12,00	OR1,00X038,00V	1,00	38,00	OR1,20X006,00	1,20	6,00
OR1,00X004,00E	1,00	4,00	OR1,00X013,00	1,00	13,00	OR1,00X045,00	1,00	45,00	OR1,20X006,00S	1,20	6,00
OR1,00X004,00PTFE	1,00	4,00	OR1,00X013,00V	1,00	13,00	OR1,00X046,00	1,00	46,00	OR1,20X007,00V	1,20	7,00
OR1,00X004,00V	1,00	4,00	OR1,00X014,00	1,00	14,00	OR1,00X047,00	1,00	47,00	OR1,20X010,00	1,20	10,00
OR1,00X004,50E	1,00	4,50	OR1,00X014,00V	1,00	14,00	OR1,00X049,00	1,00	49,00	OR1,20X011,00	1,20	11,00
OR1,00X004,50V	1,00	4,50	OR1,00X015,00	1,00	15,00	OR1,00X049,00V	1,00	49,00	OR1,20X020,00	1,20	20,00
OR1,00X005,00	1,00	5,00	OR1,00X016,00V	1,00	16,00	OR1,00X055,00V	1,00	55,00	OR1,20X021,00	1,20	21,00
OR1,00X005,00V	1,00	5,00	OR1,00X017,00V	1,00	17,00	OR1,00X058,00	1,00	58,00	OR1,20X026,00	1,20	26,00
OR1,00X006,00	1,00	6,00	OR1,00X018,00	1,00	18,00	OR1,00X076,00	1,00	76,00	OR1,20X036,00	1,20	36,00
OR1,00X006,00V	1,00	6,00	OR1,00X018,50	1,00	18,50	OR1,00X100,00	1,00	100,00	OR1,20X150,00	1,20	150,00
OR1,00X007,00	1,00	7,00	OR1,00X019,00V	1,00	19,00	OR1,00X134,00	1,00	134,00	OR1,25X007,90	1,25	7,90

OR1,25X014,00	1,25	14,00	OR1,50X018,00	1,50	18,00	OR1,60X005,10-90	1,60	5,10	OR1,60X029,10-90	1,60	29,10
OR1,25X016,00	1,25	16,00	OR1,50X018,00V	1,50	18,00	OR1,60X005,10V	1,60	5,10	OR1,60X029,10V	1,60	29,10
OR1,27X006,07V	1,27	6,07	OR1,50X019,50V	1,50	19,50	OR1,60X006,10	1,60	6,10	OR1,60X032,10	1,60	32,10
OR1,30X009,00	1,30	9,00	OR1,50X020,00	1,50	20,00	OR1,60X006,10-90	1,60	6,10	OR1,60X032,10-90	1,60	32,10
OR1,30X010,00	1,30	10,00	OR1,50X020,00V	1,50	20,00	OR1,60X006,10V	1,60	6,10	OR1,60X032,10V	1,60	32,10
OR1,30X011,00	1,30	11,00	OR1,50X021,00E	1,50	21,00	OR1,60X007,10	1,60	7,10	OR1,60X035,10	1,60	35,10
OR1,50X001,40-90	1,50	1,40	OR1,50X022,00	1,50	22,00	OR1,60X007,10-90	1,60	7,10	OR1,60X035,10V	1,60	35,10
OR1,50X002,00V	1,50	2,00	OR1,50X022,00-90	1,50	22,00	OR1,60X008,10	1,60	8,10	OR1,60X037,10	1,60	37,10
OR1,50X002,50	1,50	2,50	OR1,50X023,00	1,50	23,00	OR1,60X008,10-90	1,60	8,10	OR1,60X037,10-90	1,60	37,10
OR1,50X003,00	1,50	3,00	OR1,50X024,00	1,50	24,00	OR1,60X008,10V	1,60	8,10	OR1,60X042,00	1,60	42,00
OR1,50X003,00V	1,50	3,00	OR1,50X024,00V	1,50	24,00	OR1,60X009,10	1,60	9,10	OR1,60X043,00	1,60	43,00
OR1,50X003,50	1,50	3,50	OR1,50X025,00V	1,50	25,00	OR1,60X009,10-90	1,60	9,10	OR1,60X045,00	1,60	45,00
OR1,50X003,80	1,50	3,80	OR1,50X028,00	1,50	28,00	OR1,60X009,10S	1,60	9,10	OR1,60X055,00	1,60	55,00
OR1,50X003,80V	1,50	3,80	OR1,50X028,00V	1,50	28,00	OR1,60X009,10V	1,60	9,10	OR1,60X074,80	1,60	74,80
OR1,50X004,00	1,50	4,00	OR1,50X030,00	1,50	30,00	OR1,60X010,10	1,60	10,10	OR1,60X076,00	1,60	76,00
OR1,50X004,00V	1,50	4,00	OR1,50X030,00E	1,50	30,00	OR1,60X010,10-90	1,60	10,10	OR1,60X090,50	1,60	90,50
OR1,50X004,50	1,50	4,50	OR1,50X035,00	1,50	35,00	OR1,60X010,10PTFE	1,60	10,10	OR1,63X006,07V90	1,63	6,07
OR1,50X004,80V	1,50	4,80	OR1,50X035,00V	1,50	35,00	OR1,60X010,10V	1,60	10,10	OR1,63X007,65-90	1,63	7,65
OR1,50X005,00	1,50	5,00	OR1,50X040,00	1,50	40,00	OR1,60X011,10	1,60	11,10	OR1,70X012,00	1,70	12,00
OR1,50X005,00-90	1,50	5,00	OR1,50X045,00	1,50	45,00	OR1,60X011,10-90	1,60	11,10	OR1,70X012,00V	1,70	12,00
OR1,50X005,00V	1,50	5,00	OR1,50X045,00-90	1,50	45,00	OR1,60X011,10V	1,60	11,10	OR1,75X006,00	1,75	6,00
OR1,50X005,50	1,50	5,50	OR1,50X050,00	1,50	50,00	OR1,60X012,10	1,60	12,10	OR1,75X025,00	1,75	25,00
OR1,50X005,80V	1,50	5,80	OR1,50X050,00V	1,50	50,00	OR1,60X012,10-90	1,60	12,10	OR1,78X013,30-	1,78	13,30
OR1,50X006,00	1,50	6,00	OR1,50X052,00	1,50	52,00	OR1,60X012,10V	1,60	12,10	OR1,78X001,02E	1,78	1,02
OR1,50X006,00-90	1,50	6,00	OR1,50X052,00V	1,50	52,00	OR1,60X013,10	1,60	13,10	OR1,78X001,78	1,78	1,78
OR1,50X006,00E	1,50	6,00	OR1,50X055,00	1,50	55,00	OR1,60X013,10-90	1,60	13,10	OR1,78X001,78V	1,78	1,78
OR1,50X006,00V	1,50	6,00	OR1,50X057,00	1,50	57,00	OR1,60X013,10V	1,60	13,10	OR1,78X002,57-90	1,78	2,57
OR1,50X007,00	1,50	7,00	OR1,50X058,00	1,50	58,00	OR1,60X014,10	1,60	14,10	OR1,78X002,90	1,78	2,90
OR1,50X007,00-90	1,50	7,00	OR1,50X059,00	1,50	59,00	OR1,60X014,10-90	1,60	14,10	OR1,78X002,90-90	1,78	2,90
OR1,50X007,00V	1,50	7,00	OR1,50X060,00	1,50	60,00	OR1,60X014,10V	1,60	14,10	OR1,78X002,90V	1,78	2,90
OR1,50X007,50	1,50	7,50	OR1,50X062,00	1,50	62,00	OR1,60X015,10	1,60	15,10	OR1,78X003,20	1,78	3,20
OR1,50X007,50E	1,50	7,50	OR1,50X062,00V	1,50	62,00	OR1,60X015,10-90	1,60	15,10	OR1,78X003,69	1,78	3,69
OR1,50X008,00	1,50	8,00	OR1,50X065,00V	1,50	65,00	OR1,60X015,10S	1,60	15,10	OR1,78X003,69-90	1,78	3,69
OR1,50X008,00-90	1,50	8,00	OR1,50X068,00	1,50	68,00	OR1,60X015,10V	1,60	15,10	OR1,78X003,69V	1,78	3,69
OR1,50X008,00V	1,50	8,00	OR1,50X070,00	1,50	70,00	OR1,60X016,10	1,60	16,10	OR1,78X004,47	1,78	4,47
OR1,50X008,50	1,50	8,50	OR1,50X076,00	1,50	76,00	OR1,60X016,10-90	1,60	16,10	OR1,78X004,47-90	1,78	4,47
OR1,50X008,50V	1,50	8,50	OR1,50X077,00V	1,50	77,00	OR1,60X016,10E	1,60	16,10	OR1,78X004,47E	1,78	4,47
OR1,50X009,00	1,50	9,00	OR1,50X080,00	1,50	80,00	OR1,60X016,10PTFE	1,60	16,10	OR1,78X004,47S	1,78	4,47
OR1,50X009,00-90	1,50	9,00	OR1,50X080,00V	1,50	80,00	OR1,60X016,10V	1,60	16,10	OR1,78X004,47V	1,78	4,47
OR1,50X009,00V	1,50	9,00	OR1,50X081,50V	1,50	81,50	OR1,60X017,10	1,60	17,10	OR1,78X004,47V60	1,78	4,47
OR1,50X009,80V	1,50	9,80	OR1,50X083,00	1,50	83,00	OR1,60X017,10-90	1,60	17,10	OR1,78X004,76	1,78	4,76
OR1,50X010,00	1,50	10,00	OR1,50X083,00V	1,50	83,00	OR1,60X017,10V	1,60	17,10	OR1,78X004,76-90	1,78	4,76
OR1,50X010,00-90	1,50	10,00	OR1,50X098,00V	1,50	98,00	OR1,60X018,10	1,60	18,10	OR1,78X004,76E	1,78	4,76
OR1,50X010,00S	1,50	10,00	OR1,50X100,00	1,50	100,00	OR1,60X018,10-90	1,60	18,10	OR1,78X004,76V	1,78	4,76
OR1,50X010,00V	1,50	10,00	OR1,50X103,00	1,50	103,00	OR1,60X018,10V	1,60	18,10	OR1,78X005,28	1,78	5,28
OR1,50X010,50	1,50	10,50	OR1,52X1,42	1,52	1,42	OR1,60X019,10	1,60	19,10	OR1,78X005,28-90	1,78	5,28
OR1,50X011,00	1,50	11,00	OR1,60X001,60	1,60	1,60	OR1,60X019,10-90	1,60	19,10	OR1,78X005,28V	1,78	5,28
OR1,50X011,00-90	1,50	11,00	OR1,60X002,20	1,60	2,20	OR1,60X019,10S	1,60	19,10	OR1,78X005,28V90	1,78	5,28
OR1,50X012,00	1,50	12,00	OR1,60X002,20V	1,60	2,20	OR1,60X019,10V	1,60	19,10	OR1,78X006,07	1,78	6,07
OR1,50X012,00-90	1,50	12,00	OR1,60X002,50	1,60	2,50	OR1,60X020,10	1,60	20,10	OR1,78X006,07-90	1,78	6,07
OR1,50X012,00E	1,50	12,00	OR1,60X002,50V	1,60	2,50	OR1,60X021,10	1,60	21,10	OR1,78X006,07E	1,78	6,07
OR1,50X012,00V	1,50	12,00	OR1,60X002,75V	1,60	2,75	OR1,60X022,10	1,60	22,10	OR1,78X006,07S	1,78	6,07
OR1,50X013,00-90	1,50	13,00	OR1,60X002,80	1,60	2,80	OR1,60X022,10-90	1,60	22,10	OR1,78X006,07V	1,78	6,07
OR1,50X014,00	1,50	14,00	OR1,60X003,10	1,60	3,10	OR1,60X022,10S	1,60	22,10	OR1,78X006,07V90	1,78	6,07
OR1,50X015,00	1,50	15,00	OR1,60X003,10-90	1,60	3,10	OR1,60X025,10	1,60	25,10	OR1,78X006,35	1,78	6,35
OR1,50X015,00V	1,50	15,00	OR1,60X003,10V	1,60	3,10	OR1,60X025,10-90	1,60	25,10	OR1,78X006,35-90	1,78	6,35
OR1,50X016,00	1,50	16,00	OR1,60X004,10	1,60	4,10	OR1,60X025,10V	1,60	25,10	OR1,78X006,35V	1,78	6,35
OR1,50X017,00	1,50	17,00	OR1,60X004,10-90	1,60	4,10	OR1,60X027,10	1,60	27,10	OR1,78X006,75	1,78	6,75
OR1,50X017,00-90	1,50	17,00	OR1,60X004,10V	1,60	4,10	OR1,60X027,10V	1,60	27,10	OR1,78X006,75-90	1,78	6,75
OR1,50X017,00V	1,50	17,00	OR1,60X005,10	1,60	5,10	OR1,60X029,10	1,60	29,10	OR1,78X006,75E	1,78	6,75

OR1,78X006,75S	1,78	6,75	OR1,78X018,77V90	1,78	18,77	OR1,78X044,17-90	1,78	44,17	OR1,78X120,40V	1,78	120,40
OR1,78X006,75V	1,78	6,75	OR1,78X020,35	1,78	20,35	OR1,78X044,17E	1,78	44,17	OR1,78X123,44	1,78	123,44
OR1,78X007,65	1,78	7,65	OR1,78X020,35-90	1,78	20,35	OR1,78X044,17V	1,78	44,17	OR1,78X123,44-90	1,78	123,44
OR1,78X007,65-90	1,78	7,65	OR1,78X020,35PTFE	1,78	20,35	OR1,78X045,84	1,78	45,84	OR1,78X126,72	1,78	126,72
OR1,78X007,65E	1,78	7,65	OR1,78X020,35V	1,78	20,35	OR1,78X047,27S	1,78	47,27	OR1,78X126,72V	1,78	126,72
OR1,78X007,65S	1,78	7,65	OR1,78X020,35V90	1,78	20,35	OR1,78X047,35-90	1,78	47,35	OR1,78X129,40-90	1,78	129,40
OR1,78X007,65V	1,78	7,65	OR1,78X021,95	1,78	21,95	OR1,78X047,35E	1,78	47,35	OR1,78X133,07	1,78	133,07
OR1,78X007,66V90	1,78	7,66	OR1,78X021,95-90	1,78	21,95	OR1,78X047,37	1,78	47,37	OR1,78X142,11	1,78	142,11
OR1,78X007,94	1,78	7,94	OR1,78X021,95E	1,78	21,95	OR1,78X047,37V	1,78	47,37	OR1,78X145,29-90	1,78	145,29
OR1,78X007,94-90	1,78	7,94	OR1,78X021,95V	1,78	21,95	OR1,78X050,52	1,78	50,52	OR1,78X161,16	1,78	161,16
OR1,78X007,94V	1,78	7,94	OR1,78X021,95V70	1,78	21,95	OR1,78X050,52-90	1,78	50,52	OR1,78X170,69	1,78	170,69
OR1,78X008,73	1,78	8,73	OR1,78X021,95V90	1,78	21,95	OR1,78X050,52S	1,78	50,52	OR1,78X173,87	1,78	173,87
OR1,78X008,73-90	1,78	8,73	OR1,78X023,52	1,78	23,52	OR1,78X050,52V	1,78	50,52	OR1,78X196,34	1,78	196,34
OR1,78X008,73V	1,78	8,73	OR1,78X023,52-90	1,78	23,52	OR1,78X052,50-90	1,78	52,50	OR1,78X200,00	1,78	200,00
OR1,78X009,25	1,78	9,25	OR1,78X023,52E	1,78	23,52	OR1,78X053,70	1,78	53,70	OR1,80X002,20	1,80	2,20
OR1,78X009,25-90	1,78	9,25	OR1,78X023,52V	1,78	23,52	OR1,78X053,70-90	1,78	53,70	OR1,80X005,60	1,80	5,60
OR1,78X009,25E	1,78	9,25	OR1,78X025,12	1,78	25,12	OR1,78X053,70V	1,78	53,70	OR1,80X010,60V	1,80	10,60
OR1,78X009,25S	1,78	9,25	OR1,78X025,12-90	1,78	25,12	OR1,78X056,87	1,78	56,87	OR1,80X024,50	1,80	24,50
OR1,78X009,25V	1,78	9,25	OR1,78X025,12PTFE	1,78	25,12	OR1,78X056,87-90	1,78	56,87	OR1,83X008,92-90	1,83	8,92
OR1,78X009,25V90	1,78	9,25	OR1,78X025,12V	1,78	25,12	OR1,78X056,87E	1,78	56,87	OR1,83X008,92V	1,83	8,92
OR1,78X009,75V	1,78	9,75	OR1,78X026,70	1,78	26,70	OR1,78X056,87V	1,78	56,87	OR1,83X010,52-90	1,83	10,52
OR1,78X010,82	1,78	10,82	OR1,78X026,70-90	1,78	26,70	OR1,78X060,04	1,78	60,04	OR1,85X003,00V	1,85	3,00
OR1,78X010,82-90	1,78	10,82	OR1,78X026,70V	1,78	26,70	OR1,78X060,04V	1,78	60,04	OR1,90X003,40V	1,90	3,40
OR1,78X010,82E	1,78	10,82	OR1,78X028,30	1,78	28,30	OR1,78X063,22	1,78	63,22	OR1,90X004,80	1,90	4,80
OR1,78X010,82PTFE	1,78	10,82	OR1,78X028,30-90	1,78	28,30	OR1,78X063,22V	1,78	63,22	OR1,90X004,90V	1,90	4,90
OR1,78X010,82S	1,78	10,82	OR1,78X028,30V	1,78	28,30	OR1,78X066,40	1,78	66,40	OR1,90X006,40	1,90	6,40
OR1,78X010,82V	1,78	10,82	OR1,78X028,30V70	1,78	28,30	OR1,78X066,40V	1,78	66,40	OR1,90X007,20V	1,90	7,20
OR1,78X011,00V	1,78	11,00	OR1,78X029,87	1,78	29,87	OR1,78X069,57-90	1,78	69,57	OR1,90X007,8-90	1,90	7,80
OR1,78X011,11	1,78	11,11	OR1,78X029,87-90	1,78	29,87	OR1,78X069,57E	1,78	69,57	OR1,90X007,80	1,90	7,80
OR1,78X011,11-90	1,78	11,11	OR1,78X029,87V	1,78	29,87	OR1,78X069,58	1,78	69,58	OR1,90X007,80V	1,90	7,80
OR1,78X011,11E	1,78	11,11	OR1,78X029,87V90	1,78	29,87	OR1,78X069,58V	1,78	69,58	OR1,90X009,80	1,90	9,80
OR1,78X012,42	1,78	12,42	OR1,78X031,47	1,78	31,47	OR1,78X072,75	1,78	72,75	OR2,00X002,00	2,00	2,00
OR1,78X012,42-90	1,78	12,42	OR1,78X031,47-90	1,78	31,47	OR1,78X072,75-90	1,78	72,75	OR2,00X002,00V	2,00	2,00
OR1,78X012,42E	1,78	12,42	OR1,78X031,47E	1,78	31,47	OR1,78X072,75V	1,78	72,75	OR2,00X002,50	2,00	2,50
OR1,78X012,42V	1,78	12,42	OR1,78X031,47PTFE	1,78	31,47	OR1,78X075,92	1,78	75,92	OR2,00X003,00	2,00	3,00
OR1,78X014,00	1,78	14,00	OR1,78X031,47V	1,78	31,47	OR1,78X075,92V	1,78	75,92	OR2,00X003,00V	2,00	3,00
OR1,78X014,00-90	1,78	14,00	OR1,78X031,47V90	1,78	31,47	OR1,78X079,00	1,78	79,00	OR2,00X004,00	2,00	4,00
OR1,78X014,00E	1,78	14,00	OR1,78X033,05	1,78	33,05	OR1,78X079,00V	1,78	79,00	OR2,00X004,00-90	2,00	4,00
OR1,78X014,00PTFE	1,78	14,00	OR1,78X033,05-90	1,78	33,05	OR1,78X082,28	1,78	82,28	OR2,00X004,00E	2,00	4,00
OR1,78X014,00V	1,78	14,00	OR1,78X033,05V	1,78	33,05	OR1,78X082,28-90	1,78	82,28	OR2,00X004,00PTFE	2,00	4,00
OR1,78X014,00V90	1,78	14,00	OR1,78X034,65	1,78	34,65	OR1,78X085,34V	1,78	85,34	OR2,00X004,00PU	2,00	4,00
OR1,78X014,43	1,78	14,43	OR1,78X034,65-90	1,78	34,65	OR1,78X088,62	1,78	88,62	OR2,00X004,00S	2,00	4,00
OR1,78X015,60	1,78	15,60	OR1,78X034,65E	1,78	34,65	OR1,78X088,62V	1,78	88,62	OR2,00X004,00V	2,00	4,00
OR1,78X015,60-90	1,78	15,60	OR1,78X034,65V	1,78	34,65	OR1,78X091,70	1,78	91,70	OR2,00X005,00	2,00	5,00
OR1,78X015,60E	1,78	15,60	OR1,78X036,27	1,78	36,27	OR1,78X091,70V	1,78	91,70	OR2,00X005,00-90	2,00	5,00
OR1,78X015,60PTFE	1,78	15,60	OR1,78X037,82	1,78	37,82	OR1,78X094,97	1,78	94,97	OR2,00X005,00E	2,00	5,00
OR1,78X015,60V	1,78	15,60	OR1,78X037,82-90	1,78	37,82	OR1,78X094,97-90	1,78	94,97	OR2,00X005,00PU	2,00	5,00
OR1,78X015,60V90	1,78	15,60	OR1,78X037,82E	1,78	37,82	OR1,78X094,97V	1,78	94,97	OR2,00X005,00V	2,00	5,00
OR1,78X017,16	1,78	17,16	OR1,78X037,82PTFE	1,78	37,82	OR1,78X098,05	1,78	98,05	OR2,00X005,50E	2,00	5,50
OR1,78X017,16-90	1,78	17,16	OR1,78X037,82V	1,78	37,82	OR1,78X098,05V	1,78	98,05	OR2,00X005,50V	2,00	5,50
OR1,78X017,16E	1,78	17,16	OR1,78X039,45	1,78	39,45	OR1,78X101,30	1,78	101,30	OR2,00X006,00	2,00	6,00
OR1,78X017,16V	1,78	17,16	OR1,78X039,45E	1,78	39,45	OR1,78X101,30-90	1,78	101,30	OR2,00X006,00-90	2,00	6,00
OR1,78X017,16V90	1,78	17,16	OR1,78X039,45V	1,78	39,45	OR1,78X101,30E	1,78	101,30	OR2,00X006,00E	2,00	6,00
OR1,78X017,17S	1,78	17,17	OR1,78X041,00	1,78	41,00	OR1,78X101,30V	1,78	101,30	OR2,00X006,00V	2,00	6,00
OR1,78X018,77	1,78	18,77	OR1,78X041,00-90	1,78	41,00	OR1,78X107,67	1,78	107,67	OR2,00X006,00V90	2,00	6,00
OR1,78X018,77-90	1,78	18,77	OR1,78X041,00E	1,78	41,00	OR1,78X107,67-90	1,78	107,67	OR2,00X006,50E	2,00	6,50
OR1,78X018,77E	1,78	18,77	OR1,78X041,00PTFE	1,78	41,00	OR1,78X114,02	1,78	114,02	OR2,00X007,00	2,00	7,00
OR1,78X018,77EPDM	1,78	18,77	OR1,78X041,00S	1,78	41,00	OR1,78X117,10V	1,78	117,10	OR2,00X007,00V	2,00	7,00
OR1,78X018,77PTFE	1,78	18,77	OR1,78X041,00V	1,78	41,00	OR1,78X120,37	1,78	120,37	OR2,00X007,50	2,00	7,50
OR1,78X018,77V	1,78	18,77	OR1,78X044,17	1,78	44,17	OR1,78X120,37-90	1,78	120,37	OR2,00X007,50-90	2,00	7,50

OR2,00X008,00	2,00	8,00	OR2,00X020,00S	2,00	20,00	OR2,00X040,00	2,00	40,00	OR2,00X070,00	2,00	70,00
OR2,00X008,00-90	2,00	8,00	OR2,00X020,00V	2,00	20,00	OR2,00X040,00-90	2,00	40,00	OR2,00X070,00-90	2,00	70,00
OR2,00X008,00E	2,00	8,00	OR2,00X020,00V-90	2,00	20,00	OR2,00X040,00PTFE	2,00	40,00	OR2,00X070,00E	2,00	70,00
OR2,00X008,00S	2,00	8,00	OR2,00X020,00V90	2,00	20,00	OR2,00X040,00V	2,00	40,00	OR2,00X070,00V	2,00	70,00
OR2,00X008,00V	2,00	8,00	OR2,00X021,00	2,00	21,00	OR2,00X041,00-90	2,00	41,00	OR2,00X072,00E	2,00	72,00
OR2,00X008,50	2,00	8,50	OR2,00X021,00-90	2,00	21,00	OR2,00X042,00	2,00	42,00	OR2,00X073,00	2,00	73,00
OR2,00X009,00	2,00	9,00	OR2,00X021,00E	2,00	21,00	OR2,00X042,00V	2,00	42,00	OR2,00X073,00V	2,00	73,00
OR2,00X009,00-90	2,00	9,00	OR2,00X021,00V	2,00	21,00	OR2,00X043,00	2,00	43,00	OR2,00X074,00	2,00	74,00
OR2,00X009,00V	2,00	9,00	OR2,00X022,00	2,00	22,00	OR2,00X043,00V	2,00	43,00	OR2,00X075,00	2,00	75,00
OR2,00X009,50	2,00	9,50	OR2,00X022,00-90	2,00	22,00	OR2,00X045,00	2,00	45,00	OR2,00X076,00	2,00	76,00
OR2,00X010,00	2,00	10,00	OR2,00X022,00E	2,00	22,00	OR2,00X045,00-90	2,00	45,00	OR2,00X076,00V	2,00	76,00
OR2,00X010,00-90	2,00	10,00	OR2,00X022,00V	2,00	22,00	OR2,00X045,00E	2,00	45,00	OR2,00X078,00	2,00	78,00
OR2,00X010,00E	2,00	10,00	OR2,00X023,00	2,00	23,00	OR2,00X045,00S	2,00	45,00	OR2,00X078,00-90	2,00	78,00
OR2,00X010,00S	2,00	10,00	OR2,00X023,00-90	2,00	23,00	OR2,00X045,00V	2,00	45,00	OR2,00X080,00	2,00	80,00
OR2,00X010,00V	2,00	10,00	OR2,00X023,00V	2,00	23,00	OR2,00X046,00	2,00	46,00	OR2,00X080,00V	2,00	80,00
OR2,00X010,00V90	2,00	10,00	OR2,00X024,00	2,00	24,00	OR2,00X046,00-90	2,00	46,00	OR2,00X082,00	2,00	82,00
OR2,00X011,00	2,00	11,00	OR2,00X024,00-90	2,00	24,00	OR2,00X046,00V	2,00	46,00	OR2,00X082,00-90	2,00	82,00
OR2,00X011,00-90	2,00	11,00	OR2,00X024,00E	2,00	24,00	OR2,00X047,00	2,00	47,00	OR2,00X082,00V	2,00	82,00
OR2,00X011,00S	2,00	11,00	OR2,00X024,00V	2,00	24,00	OR2,00X047,00-90	2,00	47,00	OR2,00X083,00	2,00	83,00
OR2,00X011,00V	2,00	11,00	OR2,00X024,00V90	2,00	24,00	OR2,00X047,00V	2,00	47,00	OR2,00X083,00E	2,00	83,00
OR2,00X012,00	2,00	12,00	OR2,00X025,00	2,00	25,00	OR2,00X048,00	2,00	48,00	OR2,00X085,00	2,00	85,00
OR2,00X012,00-90	2,00	12,00	OR2,00X025,00-90	2,00	25,00	OR2,00X048,00V	2,00	48,00	OR2,00X085,00E	2,00	85,00
OR2,00X012,00E	2,00	12,00	OR2,00X025,00V	2,00	25,00	OR2,00X049,00	2,00	49,00	OR2,00X085,00V	2,00	85,00
OR2,00X012,00V	2,00	12,00	OR2,00X026,00	2,00	26,00	OR2,00X050,00	2,00	50,00	OR2,00X086,00	2,00	86,00
OR2,00X013,00	2,00	13,00	OR2,00X026,00-90	2,00	26,00	OR2,00X050,00-90	2,00	50,00	OR2,00X088,00	2,00	88,00
OR2,00X013,00-90	2,00	13,00	OR2,00X026,00V	2,00	26,00	OR2,00X050,00E	2,00	50,00	OR2,00X088,00V	2,00	88,00
OR2,00X013,00PU	2,00	13,00	OR2,00X027,00	2,00	27,00	OR2,00X050,00V	2,00	50,00	OR2,00X090,00	2,00	90,00
OR2,00X013,00V	2,00	13,00	OR2,00X027,00-90	2,00	27,00	OR2,00X051,00	2,00	51,00	OR2,00X090,00-90	2,00	90,00
OR2,00X014,00	2,00	14,00	OR2,00X028,00	2,00	28,00	OR2,00X052,00	2,00	52,00	OR2,00X090,00V	2,00	90,00
OR2,00X014,00-90	2,00	14,00	OR2,00X028,00-90	2,00	28,00	OR2,00X052,00V	2,00	52,00	OR2,00X093,00V	2,00	93,00
OR2,00X014,00PU	2,00	14,00	OR2,00X028,00E	2,00	28,00	OR2,00X053,00	2,00	53,00	OR2,00X094,00V	2,00	94,00
OR2,00X014,00V	2,00	14,00	OR2,00X028,00V	2,00	28,00	OR2,00X053,00V	2,00	53,00	OR2,00X095,00V	2,00	95,00
OR2,00X015,00	2,00	15,00	OR2,00X029,00	2,00	29,00	OR2,00X054,00	2,00	54,00	OR2,00X096,00	2,00	96,00
OR2,00X015,00-90	2,00	15,00	OR2,00X029,00E	2,00	29,00	OR2,00X054,00V	2,00	54,00	OR2,00X096,00V	2,00	96,00
OR2,00X015,00E	2,00	15,00	OR2,00X030,00	2,00	30,00	OR2,00X055,00	2,00	55,00	OR2,00X097,00V	2,00	97,00
OR2,00X015,00V	2,00	15,00	OR2,00X030,00-90	2,00	30,00	OR2,00X055,00-90	2,00	55,00	OR2,00X098,00	2,00	98,00
OR2,00X015,00V90	2,00	15,00	OR2,00X030,00E	2,00	30,00	OR2,00X055,00V	2,00	55,00	OR2,00X100,00	2,00	100,00
OR2,00X016,00	2,00	16,00	OR2,00X030,00V	2,00	30,00	OR2,00X056,00	2,00	56,00	OR2,00X100,00V	2,00	100,00
OR2,00X016,00-90	2,00	16,00	OR2,00X031,00	2,00	31,00	OR2,00X056,00V	2,00	56,00	OR2,00X103,00	2,00	103,00
OR2,00X016,00E	2,00	16,00	OR2,00X032,00	2,00	32,00	OR2,00X058,00	2,00	58,00	OR2,00X105,00	2,00	105,00
OR2,00X016,00V	2,00	16,00	OR2,00X032,00-90	2,00	32,00	OR2,00X059,00	2,00	59,00	OR2,00X106,00	2,00	106,00
OR2,00X016,50V	2,00	16,50	OR2,00X032,00V	2,00	32,00	OR2,00X060,00	2,00	60,00	OR2,00X110,00	2,00	110,00
OR2,00X017,00	2,00	17,00	OR2,00X033,00	2,00	33,00	OR2,00X060,00-90	2,00	60,00	OR2,00X110,00S	2,00	110,00
OR2,00X017,00-90	2,00	17,00	OR2,00X033,00-90	2,00	33,00	OR2,00X060,00V	2,00	60,00	OR2,00X115,00	2,00	115,00
OR2,00X017,00E	2,00	17,00	OR2,00X034,00	2,00	34,00	OR2,00X062,00	2,00	62,00	OR2,00X120,00	2,00	120,00
OR2,00X017,00V	2,00	17,00	OR2,00X034,00V	2,00	34,00	OR2,00X062,00-90	2,00	62,00	OR2,00X120,00E	2,00	120,00
OR2,00X017,00V90	2,00	17,00	OR2,00X035,00	2,00	35,00	OR2,00X062,00V	2,00	62,00	OR2,00X120,00V	2,00	120,00
OR2,00X017,50-90	2,00	17,50	OR2,00X035,00-90	2,00	35,00	OR2,00X063,00	2,00	63,00	OR2,00X125,00	2,00	125,00
OR2,00X017,50V	2,00	17,50	OR2,00X035,00E	2,00	35,00	OR2,00X063,00V	2,00	63,00	OR2,00X125,00V90	2,00	125,00
OR2,00X018,00	2,00	18,00	OR2,00X035,00PU	2,00	35,00	OR2,00X064,00	2,00	64,00	OR2,00X128,00	2,00	128,00
OR2,00X018,00-90	2,00	18,00	OR2,00X035,00V	2,00	35,00	OR2,00X064,00V	2,00	64,00	OR2,00X130,00	2,00	130,00
OR2,00X018,00E	2,00	18,00	OR2,00X036,00	2,00	36,00	OR2,00X065,00	2,00	65,00	OR2,00X130,00V	2,00	130,00
OR2,00X018,00V	2,00	18,00	OR2,00X036,00-90	2,00	36,00	OR2,00X065,00-90	2,00	65,00	OR2,00X135,00	2,00	135,00
OR2,00X019,00	2,00	19,00	OR2,00X036,00V	2,00	36,00	OR2,00X065,00V	2,00	65,00	OR2,00X138,00V	2,00	138,00
OR2,00X019,00-90	2,00	19,00	OR2,00X037,00	2,00	37,00	OR2,00X066,00	2,00	66,00	OR2,00X140,00	2,00	140,00
OR2,00X019,00E	2,00	19,00	OR2,00X037,00-90	2,00	37,00	OR2,00X067,00	2,00	67,00	OR2,00X140,00S	2,00	140,00
OR2,00X019,00V	2,00	19,00	OR2,00X038,00	2,00	38,00	OR2,00X067,00V	2,00	67,00	OR2,00X142,00	2,00	142,00
OR2,00X019,00V90	2,00	19,00	OR2,00X038,00-90	2,00	38,00	OR2,00X068,00	2,00	68,00	OR2,00X145,00	2,00	145,00
OR2,00X020,00	2,00	20,00	OR2,00X039,00	2,00	39,00	OR2,00X068,00S	2,00	68,00	OR2,00X150,00	2,00	150,00
OR2,00X020,00-90	2,00	20,00	OR2,00X039,00-90	2,00	39,00	OR2,00X068,00V	2,00	68,00	OR2,00X150,00E	2,00	150,00

OR2,00X155,00	2,00	155,00	OR2,40X011,30PTFE	2,40	11,30	OR2,40X030,30	2,40	30,30	OR2,50X012,50	2,50	12,50
OR2,00X156,00	2,00	156,00	OR2,40X011,30V	2,40	11,30	OR2,40X030,30-90	2,40	30,30	OR2,50X013,00	2,50	13,00
OR2,00X156,00V	2,00	156,00	OR2,40X012,30	2,40	12,30	OR2,40X030,30V	2,40	30,30	OR2,50X013,00-90	2,50	13,00
OR2,00X160,00	2,00	160,00	OR2,40X012,30-90	2,40	12,30	OR2,40X031,60	2,40	31,60	OR2,50X013,00V	2,50	13,00
OR2,00X160,00V	2,00	160,00	OR2,40X012,30E	2,40	12,30	OR2,40X031,60-90	2,40	31,60	OR2,50X013,50	2,50	13,50
OR2,00X164,00	2,00	164,00	OR2,40X012,30PTFE	2,40	12,30	OR2,40X033,30	2,40	33,30	OR2,50X014,00	2,50	14,00
OR2,00X165,00S	2,00	165,00	OR2,40X012,30S	2,40	12,30	OR2,40X033,30-90	2,40	33,30	OR2,50X014,00-90	2,50	14,00
OR2,00X165,00V	2,00	165,00	OR2,40X012,30V	2,40	12,30	OR2,40X033,30V	2,40	33,30	OR2,50X014,00V	2,50	14,00
OR2,00X170,00	2,00	170,00	OR2,40X013,30	2,40	13,30	OR2,40X034,60	2,40	34,60	OR2,50X014,50V	2,50	14,50
OR2,00X170,00S	2,00	170,00	OR2,40X013,30-90	2,40	13,30	OR2,40X036,40V	2,40	36,40	OR2,50X015,00	2,50	15,00
OR2,00X178,00	2,00	178,00	OR2,40X013,30S	2,40	13,30	OR2,40X037,60	2,40	37,60	OR2,50X015,00-90	2,50	15,00
OR2,00X180,00	2,00	180,00	OR2,40X013,30V	2,40	13,30	OR2,40X039,60	2,40	39,60	OR2,50X015,00E	2,50	15,00
OR2,00X180,00V	2,00	180,00	OR2,40X014,30	2,40	14,30	OR2,40X039,60E	2,40	39,60	OR2,50X015,00V	2,50	15,00
OR2,00X200,00	2,00	200,00	OR2,40X014,30-90	2,40	14,30	OR2,40X039,60V	2,40	39,60	OR2,50X016,00	2,50	16,00
OR2,00X200,00V	2,00	200,00	OR2,40X014,30E	2,40	14,30	OR2,40X041,60	2,40	41,60	OR2,50X016,00-90	2,50	16,00
OR2,00X210,00	2,00	210,00	OR2,40X015,30	2,40	15,30	OR2,40X049,60	2,40	49,60	OR2,50X016,00E	2,50	16,00
OR2,00X220,00	2,00	220,00	OR2,40X015,30-90	2,40	15,30	OR2,40X049,60-90	2,40	49,60	OR2,50X016,00S	2,50	16,00
OR2,00X238,00V	2,00	238,00	OR2,40X015,30E	2,40	15,30	OR2,40X051,60	2,40	51,60	OR2,50X017,00	2,50	17,00
OR2,00X244,00	2,00	244,00	OR2,40X015,30V	2,40	15,30	OR2,40X051,60E	2,40	51,60	OR2,50X017,00-90	2,50	17,00
OR2,00X250,00	2,00	250,00	OR2,40X016,30	2,40	16,30	OR2,40X054,60	2,40	54,60	OR2,50X017,00S	2,50	17,00
OR2,00X390,00	2,00	390,00	OR2,40X016,30-90	2,40	16,30	OR2,40X056,60	2,40	56,60	OR2,50X017,00V	2,50	17,00
OR2,10X011,40V	2,10	11,40	OR2,40X016,30E	2,40	16,30	OR2,40X057,60	2,40	57,60	OR2,50X018,00	2,50	18,00
OR2,10X017,40V	2,10	17,40	OR2,40X016,30V	2,40	16,30	OR2,40X061,60V	2,40	61,60	OR2,50X018,00-90	2,50	18,00
OR2,20X010,00	2,20	10,00	OR2,40X017,30	2,40	17,30	OR2,40X064,60	2,40	64,60	OR2,50X018,00V	2,50	18,00
OR2,20X015,30-90	2,20	15,30	OR2,40X017,30-90	2,40	17,30	OR2,40X064,60V	2,40	64,60	OR2,50X019,00	2,50	19,00
OR2,20X016,36	2,20	16,36	OR2,40X017,30E	2,40	17,30	OR2,40X067,60	2,40	67,60	OR2,50X019,00-90	2,50	19,00
OR2,20X016,36-90	2,20	16,36	OR2,40X017,30V	2,40	17,30	OR2,40X069,60	2,40	69,60	OR2,50X019,00V	2,50	19,00
OR2,20X018,00	2,20	18,00	OR2,40X018,30	2,40	18,30	OR2,40X069,60E	2,40	69,60	OR2,50X020,00	2,50	20,00
OR2,21X016,36E	2,21	16,36	OR2,40X018,30-90	2,40	18,30	OR2,40X069,60V	2,40	69,60	OR2,50X020,00-90	2,50	20,00
OR2,21X016,36S	2,21	16,36	OR2,40X018,30V	2,40	18,30	OR2,40X070,50V	2,40	70,50	OR2,50X020,00E	2,50	20,00
OR2,40X003,30	2,40	3,30	OR2,40X019,30	2,40	19,30	OR2,40X088,90V	2,40	88,90	OR2,50X020,00V	2,50	20,00
OR2,40X003,30-90	2,40	3,30	OR2,40X019,30-90	2,40	19,30	OR2,40X125,00V	2,40	125,00	OR2,50X020,00V90	2,50	20,00
OR2,40X003,30V	2,40	3,30	OR2,40X019,30V	2,40	19,30	OR2,46X019,18-90	2,46	19,18	OR2,50X021,00	2,50	21,00
OR2,40X004,30	2,40	4,30	OR2,40X020,00	2,40	20,00	OR2,46X019,18E	2,46	19,18	OR2,50X021,00-90	2,50	21,00
OR2,40X004,60V	2,40	4,60	OR2,40X020,30	2,40	20,30	OR2,46X019,18V	2,46	19,18	OR2,50X021,00V	2,50	21,00
OR2,40X005,30	2,40	5,30	OR2,40X020,30-90	2,40	20,30	OR2,50X003,00	2,50	3,00	OR2,50X022,00	2,50	22,00
OR2,40X005,30-90	2,40	5,30	OR2,40X020,30E	2,40	20,30	OR2,50X005,00	2,50	5,00	OR2,50X022,00-90	2,50	22,00
OR2,40X005,30S	2,40	5,30	OR2,40X020,30V	2,40	20,30	OR2,50X005,00V	2,50	5,00	OR2,50X022,00E	2,50	22,00
OR2,40X005,30V	2,40	5,30	OR2,40X021,30	2,40	21,30	OR2,50X006,00	2,50	6,00	OR2,50X022,00V	2,50	22,00
OR2,40X006,30	2,40	6,30	OR2,40X021,30-90	2,40	21,30	OR2,50X006,00-90	2,50	6,00	OR2,50X023,00	2,50	23,00
OR2,40X006,30-90	2,40	6,30	OR2,40X021,30V	2,40	21,30	OR2,50X006,00V	2,50	6,00	OR2,50X023,00V	2,50	23,00
OR2,40X006,30V	2,40	6,30	OR2,40X022,30	2,40	22,30	OR2,50X007,00	2,50	7,00	OR2,50X024,00	2,50	24,00
OR2,40X007,30	2,40	7,30	OR2,40X022,30-90	2,40	22,30	OR2,50X007,50V	2,50	7,50	OR2,50X024,00-90	2,50	24,00
OR2,40X007,30-90	2,40	7,30	OR2,40X022,30E	2,40	22,30	OR2,50X008,00	2,50	8,00	OR2,50X024,00V	2,50	24,00
OR2,40X007,30E	2,40	7,30	OR2,40X022,30S	2,40	22,30	OR2,50X008,00-90	2,50	8,00	OR2,50X025,00	2,50	25,00
OR2,40X007,30V	2,40	7,30	OR2,40X022,30V	2,40	22,30	OR2,50X008,00E	2,50	8,00	OR2,50X025,00-90	2,50	25,00
OR2,40X008,30	2,40	8,30	OR2,40X023,30	2,40	23,30	OR2,50X008,00V	2,50	8,00	OR2,50X025,00V	2,50	25,00
OR2,40X008,30-90	2,40	8,30	OR2,40X023,30-90	2,40	23,30	OR2,50X009,00	2,50	9,00	OR2,50X026,00	2,50	26,00
OR2,40X008,30V	2,40	8,30	OR2,40X023,30E	2,40	23,30	OR2,50X009,00E	2,50	9,00	OR2,50X026,00-90	2,50	26,00
OR2,40X009,30	2,40	9,30	OR2,40X024,30	2,40	24,30	OR2,50X009,50	2,50	9,50	OR2,50X027,00-90	2,50	27,00
OR2,40X009,30-90	2,40	9,30	OR2,40X025,30	2,40	25,30	OR2,50X010,00	2,50	10,00	OR2,50X027,00V	2,50	27,00
OR2,40X009,30V	2,40	9,30	OR2,40X025,30-90	2,40	25,30	OR2,50X010,00-90	2,50	10,00	OR2,50X028,00	2,50	28,00
OR2,40X010,30	2,40	10,30	OR2,40X025,30V	2,40	25,30	OR2,50X010,00V	2,50	10,00	OR2,50X028,00-90	2,50	28,00
OR2,40X010,30-90	2,40	10,30	OR2,40X027,30	2,40	27,30	OR2,50X010,50	2,50	10,50	OR2,50X028,00V	2,50	28,00
OR2,40X010,30E	2,40	10,30	OR2,40X027,30-90	2,40	27,30	OR2,50X011,00	2,50	11,00	OR2,50X029,00	2,50	29,00
OR2,40X010,30S	2,40	10,30	OR2,40X027,30PTFE	2,40	27,30	OR2,50X011,00-90	2,50	11,00	OR2,50X029,00V90	2,50	29,00
OR2,40X010,30V	2,40	10,30	OR2,40X027,30S	2,40	27,30	OR2,50X011,00V	2,50	11,00	OR2,50X030,00	2,50	30,00
OR2,40X011,30	2,40	11,30	OR2,40X027,30V	2,40	27,30	OR2,50X012,00	2,50	12,00	OR2,50X030,00-90	2,50	30,00
OR2,40X011,30-90	2,40	11,30	OR2,40X029,30	2,40	29,30	OR2,50X012,00-90	2,50	12,00	OR2,50X032,00	2,50	32,00
OR2,40X011,30E	2,40	11,30	OR2,40X029,30V	2,40	29,30	OR2,50X012,00V	2,50	12,00	OR2,50X032,00-90	2,50	32,00

OR2,50X032,00V	2,50	32,00	OR2,50X087,00	2,50	87,00	OR2,62X007,60-90	2,62	7,60	OR2,62X018,72V90	2,62	18,72
OR2,50X033,00-90	2,50	33,00	OR2,50X089,00V	2,50	89,00	OR2,62X007,60V	2,62	7,60	OR2,62X019,05	2,62	19,05
OR2,50X034,00	2,50	34,00	OR2,50X090,00	2,50	90,00	OR2,62X009,19	2,62	9,19	OR2,62X019,05V	2,62	19,05
OR2,50X034,00S	2,50	34,00	OR2,50X090,00-90	2,50	90,00	OR2,62X009,19-90	2,62	9,19	OR2,62X020,29PTFE	2,62	20,29
OR2,50X035,00	2,50	35,00	OR2,50X090,00V	2,50	90,00	OR2,62X009,19E	2,62	9,19	OR2,62X020,30	2,62	20,30
OR2,50X035,00-90	2,50	35,00	OR2,50X091,00	2,50	91,00	OR2,62X009,19S	2,62	9,19	OR2,62X020,30-90	2,62	20,30
OR2,50X035,00V	2,50	35,00	OR2,50X091,00V	2,50	91,00	OR2,62X009,19V	2,62	9,19	OR2,62X020,30V	2,62	20,30
OR2,50X036,00-90	2,50	36,00	OR2,50X094,00	2,50	94,00	OR2,62X009,30V	2,62	9,30	OR2,62X020,30V90	2,62	20,30
OR2,50X036,00V	2,50	36,00	OR2,50X094,00V	2,50	94,00	OR2,62X009,92	2,62	9,92	OR2,62X020,64	2,62	20,64
OR2,50X037,00	2,50	37,00	OR2,50X095,00	2,50	95,00	OR2,62X009,92-90	2,62	9,92	OR2,62X020,64-90	2,62	20,64
OR2,50X037,00-90	2,50	37,00	OR2,50X095,00V	2,50	95,00	OR2,62X009,92E	2,62	9,92	OR2,62X020,64V	2,62	20,64
OR2,50X037,00V	2,50	37,00	OR2,50X098,00V	2,50	98,00	OR2,62X009,92V	2,62	9,92	OR2,62X021,90	2,62	21,90
OR2,50X038,00	2,50	38,00	OR2,50X100,00	2,50	100,00	OR2,62X010,77S	2,62	10,77	OR2,62X021,90-90	2,62	21,90
OR2,50X038,00-90	2,50	38,00	OR2,50X105,00	2,50	105,00	OR2,62X010,78	2,62	10,78	OR2,62X021,90V	2,62	21,90
OR2,50X038,00V	2,50	38,00	OR2,50X105,00V	2,50	105,00	OR2,62X010,78-90	2,62	10,78	OR2,62X022,22	2,62	22,22
OR2,50X039,00	2,50	39,00	OR2,50X107,00	2,50	107,00	OR2,62X010,78E	2,62	10,78	OR2,62X022,22-90	2,62	22,22
OR2,50X040,00	2,50	40,00	OR2,50X110,00	2,50	110,00	OR2,62X010,78V	2,62	10,78	OR2,62X022,22V	2,62	22,22
OR2,50X040,00-90	2,50	40,00	OR2,50X112,00V	2,50	112,00	OR2,62X011,91	2,62	11,91	OR2,62X023,47	2,62	23,47
OR2,50X040,00V	2,50	40,00	OR2,50X115,00	2,50	115,00	OR2,62X011,91-90	2,62	11,91	OR2,62X023,47-90	2,62	23,47
OR2,50X040,50V	2,50	40,50	OR2,50X119,00V	2,50	119,00	OR2,62X011,91V	2,62	11,91	OR2,62X023,47V	2,62	23,47
OR2,50X042,00	2,50	42,00	OR2,50X120,00V	2,50	120,00	OR2,62X012,37	2,62	12,37	OR2,62X023,47V90	2,62	23,47
OR2,50X042,00V	2,50	42,00	OR2,50X125,00	2,50	125,00	OR2,62X012,37-90	2,62	12,37	OR2,62X023,81	2,62	23,81
OR2,50X043,00	2,50	43,00	OR2,50X125,00V	2,50	125,00	OR2,62X012,37E	2,62	12,37	OR2,62X023,81-90	2,62	23,81
OR2,50X043,00-90	2,50	43,00	OR2,50X130,00V	2,50	130,00	OR2,62X012,37V	2,62	12,37	OR2,62X023,81V	2,62	23,81
OR2,50X045,00	2,50	45,00	OR2,50X135,00	2,50	135,00	OR2,62X013,10	2,62	13,10	OR2,62X025,07	2,62	25,07
OR2,50X045,00E	2,50	45,00	OR2,50X135,00-90	2,50	135,00	OR2,62X013,10-90	2,62	13,10	OR2,62X025,07-90	2,62	25,07
OR2,50X045,00V	2,50	45,00	OR2,50X137,00V	2,50	137,00	OR2,62X013,10E	2,62	13,10	OR2,62X025,07E	2,62	25,07
OR2,50X046,00-90	2,50	46,00	OR2,50X139,00V	2,50	139,00	OR2,62X013,10V	2,62	13,10	OR2,62X025,07V	2,62	25,07
OR2,50X047,00	2,50	47,00	OR2,50X140,00	2,50	140,00	OR2,62X013,95	2,62	13,95	OR2,62X026,07	2,62	26,07
OR2,50X048,00	2,50	48,00	OR2,50X140,00V	2,50	140,00	OR2,62X013,95-90	2,62	13,95	OR2,62X026,07-90	2,62	26,07
OR2,50X049,00-90	2,50	49,00	OR2,50X142,00	2,50	142,00	OR2,62X013,95S	2,62	13,95	OR2,62X026,64	2,62	26,64
OR2,50X050,00	2,50	50,00	OR2,50X145,00	2,50	145,00	OR2,62X013,95V	2,62	13,95	OR2,62X026,64-90	2,62	26,64
OR2,50X050,00E	2,50	50,00	OR2,50X150,00	2,50	150,00	OR2,62X014,29	2,62	14,29	OR2,62X026,64V	2,62	26,64
OR2,50X050,00V	2,50	50,00	OR2,50X152,50	2,50	152,50	OR2,62X015,08	2,62	15,08	OR2,62X026,64V90	2,62	26,64
OR2,50X052,00V	2,50	52,00	OR2,50X152,50V	2,50	152,50	OR2,62X015,08-90	2,62	15,08	OR2,62X026,65PTFE	2,62	26,65
OR2,50X055,00	2,50	55,00	OR2,50X156,00	2,50	156,00	OR2,62X015,08S	2,62	15,08	OR2,62X028,25	2,62	28,25
OR2,50X055,00-90	2,50	55,00	OR2,50X160,00	2,50	160,00	OR2,62X015,54	2,62	15,54	OR2,62X028,25-90	2,62	28,25
OR2,50X055,00V	2,50	55,00	OR2,50X165,00	2,50	165,00	OR2,62X015,54-90	2,62	15,54	OR2,62X028,25V	2,62	28,25
OR2,50X057,00	2,50	57,00	OR2,50X167,00	2,50	167,00	OR2,62X015,54E	2,62	15,54	OR2,62X028,25V90	2,62	28,25
OR2,50X058,00V	2,50	58,00	OR2,50X167,00V90	2,50	167,00	OR2,62X015,54V	2,62	15,54	OR2,62X029,82	2,62	29,82
OR2,50X059,00	2,50	59,00	OR2,50X170,00	2,50	170,00	OR2,62X015,54V90	2,62	15,54	OR2,62X029,82-90	2,62	29,82
OR2,50X060,00	2,50	60,00	OR2,50X185,00	2,50	185,00	OR2,62X015,88	2,62	15,88	OR2,62X029,82E	2,62	29,82
OR2,50X060,00V	2,50	60,00	OR2,50X195,00	2,50	195,00	OR2,62X015,88-90	2,62	15,88	OR2,62X029,82V	2,62	29,82
OR2,50X062,00	2,50	62,00	OR2,50X195,00V90	2,50	195,00	OR2,62X015,88S	2,62	15,88	OR2,62X031,42	2,62	31,42
OR2,50X062,00V	2,50	62,00	OR2,50X232,00	2,50	232,00	OR2,62X015,88V	2,62	15,88	OR2,62X031,42-90	2,62	31,42
OR2,50X065,00	2,50	65,00	OR2,50X270,00	2,50	270,00	OR2,62X017,12	2,62	17,12	OR2,62X031,42E	2,62	31,42
OR2,50X067,00	2,50	67,00	OR2,50X314,00	2,50	314,00	OR2,62X017,12-90	2,62	17,12	OR2,62X031,42S	2,62	31,42
OR2,50X070,00	2,50	70,00	OR2,50X328,00	2,50	328,00	OR2,62X017,12E	2,62	17,12	OR2,62X031,42V	2,62	31,42
OR2,50X072,00	2,50	72,00	OR2,50X344,00	2,50	344,00	OR2,62X017,12S	2,62	17,12	OR2,62X032,99E	2,62	32,99
OR2,50X073,00V	2,50	73,00	OR2,50X366,00	2,50	366,00	OR2,62X017,12V	2,62	17,12	OR2,62X032,99V	2,62	32,99
OR2,50X074,00	2,50	74,00	OR2,50X370,00	2,50	370,00	OR2,62X017,13V90	2,62	17,13	OR2,62X033,00	2,62	33,00
OR2,50X075,00	2,50	75,00	OR2,62X003,63	2,62	3,63	OR2,62X017,86	2,62	17,86	OR2,62X033,00-90	2,62	33,00
OR2,50X075,00-90	2,50	75,00	OR2,62X004,42	2,62	4,42	OR2,62X017,86-90	2,62	17,86	OR2,62X033,00PTFE	2,62	33,00
OR2,50X075,00V	2,50	75,00	OR2,62X004,42-90	2,62	4,42	OR2,62X017,86E	2,62	17,86	OR2,62X033,00S	2,62	33,00
OR2,50X076,00	2,50	76,00	OR2,62X004,42V	2,62	4,42	OR2,62X017,86PU	2,62	17,86	OR2,62X034,59	2,62	34,59
OR2,50X078,00	2,50	78,00	OR2,62X005,23	2,62	5,23	OR2,62X017,86V	2,62	17,86	OR2,62X034,59-90	2,62	34,59
OR2,50X078,00V	2,50	78,00	OR2,62X006,02	2,62	6,02	OR2,62X018,72	2,62	18,72	OR2,62X034,59E	2,62	34,59
OR2,50X080,00	2,50	80,00	OR2,62X006,02S	2,62	6,02	OR2,62X018,72-90	2,62	18,72	OR2,62X034,59V	2,62	34,59
OR2,50X080,00V	2,50	80,00	OR2,62X006,02V	2,62	6,02	OR2,62X018,72E	2,62	18,72	OR2,62X036,17	2,62	36,17
OR2,50X085,00	2,50	85,00	OR2,62X007,60	2,62	7,60	OR2,62X018,72V	2,62	18,72	OR2,62X036,17-90	2,62	36,17

OR2,62X036,17E	2,62	36,17	OR2,62X061,60	2,62	61,60	OR2,62X133,02	2,62	133,02	OR3,00X007,00-90	3,00	7,00
OR2,62X036,17PU	2,62	36,17	OR2,62X061,60-90	2,62	61,60	OR2,62X133,04V	2,62	133,04	OR3,00X008,00	3,00	8,00
OR2,62X036,17V	2,62	36,17	OR2,62X061,60V	2,62	61,60	OR2,62X139,38	2,62	139,38	OR3,00X008,00-90	3,00	8,00
OR2,62X037,77	2,62	37,77	OR2,62X063,17	2,62	63,17	OR2,62X139,38V	2,62	139,38	OR3,00X008,00V	3,00	8,00
OR2,62X037,77-90	2,62	37,77	OR2,62X063,17-90	2,62	63,17	OR2,62X145,72	2,62	145,72	OR3,00X009,00	3,00	9,00
OR2,62X037,77V	2,62	37,77	OR2,62X063,17V	2,62	63,17	OR2,62X145,72-90	2,62	145,72	OR3,00X009,00-90	3,00	9,00
OR2,62X039,34	2,62	39,34	OR2,62X064,77	2,62	64,77	OR2,62X145,72V	2,62	145,72	OR3,00X009,00V	3,00	9,00
OR2,62X039,34-90	2,62	39,34	OR2,62X064,77-90	2,62	64,77	OR2,62X152,07	2,62	152,07	OR3,00X010,00	3,00	10,00
OR2,62X039,34V	2,62	39,34	OR2,62X064,77S	2,62	64,77	OR2,62X152,07-90	2,62	152,07	OR3,00X010,00-90	3,00	10,00
OR2,62X040,95	2,62	40,95	OR2,62X064,77V	2,62	64,77	OR2,62X152,07V	2,62	152,07	OR3,00X010,00V	3,00	10,00
OR2,62X040,95-90	2,62	40,95	OR2,62X066,35	2,62	66,35	OR2,62X158,42	2,62	158,42	OR3,00X011,00	3,00	11,00
OR2,62X040,95E	2,62	40,95	OR2,62X066,35-90	2,62	66,35	OR2,62X158,42V	2,62	158,42	OR3,00X011,00-90	3,00	11,00
OR2,62X040,95S	2,62	40,95	OR2,62X066,35V	2,62	66,35	OR2,62X164,77S	2,62	164,77	OR3,00X011,00V	3,00	11,00
OR2,62X040,95V	2,62	40,95	OR2,62X069,52	2,62	69,52	OR2,62X164,78	2,62	164,78	OR3,00X011,50	3,00	11,50
OR2,62X042,52	2,62	42,52	OR2,62X069,52-90	2,62	69,52	OR2,62X164,78-90	2,62	164,78	OR3,00X012,00	3,00	12,00
OR2,62X042,52-90	2,62	42,52	OR2,62X069,52E	2,62	69,52	OR2,62X171,12V	2,62	171,12	OR3,00X012,00-90	3,00	12,00
OR2,62X042,52E	2,62	42,52	OR2,62X071,12	2,62	71,12	OR2,62X171,13	2,62	171,13	OR3,00X012,00E	3,00	12,00
OR2,62X042,52S	2,62	42,52	OR2,62X071,12V	2,62	71,12	OR2,62X177,47	2,62	177,47	OR3,00X012,00V	3,00	12,00
OR2,62X042,52V	2,62	42,52	OR2,62X072,69	2,62	72,69	OR2,62X183,82	2,62	183,82	OR3,00X012,50V	3,00	12,50
OR2,62X044,12	2,62	44,12	OR2,62X072,69-90	2,62	72,69	OR2,62X183,82V	2,62	183,82	OR3,00X013,00	3,00	13,00
OR2,62X044,12-90	2,62	44,12	OR2,62X072,69V	2,62	72,69	OR2,62X190,18	2,62	190,18	OR3,00X013,00V	3,00	13,00
OR2,62X044,12E	2,62	44,12	OR2,62X074,14	2,62	74,14	OR2,62X190,18-90	2,62	190,18	OR3,00X014,00	3,00	14,00
OR2,62X044,12V	2,62	44,12	OR2,62X074,30-90	2,62	74,30	OR2,62X196,52	2,62	196,52	OR3,00X014,00-90	3,00	14,00
OR2,62X044,45-90	2,62	44,45	OR2,62X075,87	2,62	75,87	OR2,62X196,52V	2,62	196,52	OR3,00X014,00V	3,00	14,00
OR2,62X045,69	2,62	45,69	OR2,62X075,87-90	2,62	75,87	OR2,62X202,87	2,62	202,87	OR3,00X015,00	3,00	15,00
OR2,62X045,69-90	2,62	45,69	OR2,62X075,87V	2,62	75,87	OR2,62X209,22	2,62	209,22	OR3,00X015,00-90	3,00	15,00
OR2,62X045,69PTFE	2,62	45,69	OR2,62X077,50-90	2,62	77,50	OR2,62X209,22-90	2,62	209,22	OR3,00X015,00V	3,00	15,00
OR2,62X045,69V	2,62	45,69	OR2,62X077,50V	2,62	77,50	OR2,62X209,22V	2,62	209,22	OR3,00X016,00	3,00	16,00
OR2,62X047,29	2,62	47,29	OR2,62X080,60	2,62	80,60	OR2,62X209,23V90	2,62	209,23	OR3,00X016,00-90	3,00	16,00
OR2,62X047,29-90	2,62	47,29	OR2,62X080,60-90	2,62	80,60	OR2,62X215,58	2,62	215,58	OR3,00X016,00S	3,00	16,00
OR2,62X047,29V	2,62	47,29	OR2,62X082,22	2,62	82,22	OR2,62X221,92	2,62	221,92	OR3,00X016,00V	3,00	16,00
OR2,62X048,90	2,62	48,90	OR2,62X082,22-90	2,62	82,22	OR2,62X221,92V	2,62	221,92	OR3,00X017,00	3,00	17,00
OR2,62X048,90-90	2,62	48,90	OR2,62X082,22PTFE	2,62	82,22	OR2,62X228,27	2,62	228,27	OR3,00X017,00-90	3,00	17,00
OR2,62X048,90PTFE	2,62	48,90	OR2,62X082,22V	2,62	82,22	OR2,62X228,27V	2,62	228,27	OR3,00X017,00V	3,00	17,00
OR2,62X048,90V	2,62	48,90	OR2,62X085,00-90	2,62	85,00	OR2,62X228,28V90	2,62	228,28	OR3,00X018,00	3,00	18,00
OR2,62X050,47	2,62	50,47	OR2,62X088,57	2,62	88,57	OR2,62X234,63	2,62	234,63	OR3,00X018,00-90	3,00	18,00
OR2,62X050,47-90	2,62	50,47	OR2,62X088,57V	2,62	88,57	OR2,62X240,97V	2,62	240,97	OR3,00X018,00V	3,00	18,00
OR2,62X050,47V	2,62	50,47	OR2,62X092,30	2,62	92,30	OR2,62X247,32	2,62	247,32	OR3,00X018,50V	3,00	18,50
OR2,62X052,07	2,62	52,07	OR2,62X094,92	2,62	94,92	OR2,62X247,33V	2,62	247,33	OR3,00X019,20	3,00	19,20
OR2,62X052,07-90	2,62	52,07	OR2,62X094,92-90	2,62	94,92	OR2,62X323,00	2,62	323,00	OR3,00X019,20-90	3,00	19,20
OR2,62X052,07E	2,62	52,07	OR2,62X094,92E	2,62	94,92	OR2,65X026,50	2,65	26,50	OR3,00X019,20E	3,00	19,20
OR2,62X052,07V	2,62	52,07	OR2,62X094,92V	2,62	94,92	OR2,65X032,50	2,65	32,50	OR3,00X019,20V	3,00	19,20
OR2,62X053,64	2,62	53,64	OR2,62X101,27	2,62	101,27	OR2,65X125,00	2,65	125,00	OR3,00X020,20	3,00	20,20
OR2,62X053,64-90	2,62	53,64	OR2,62X101,27-90	2,62	101,27	OR2,65X323,00	2,65	323,00	OR3,00X020,20-90	3,00	20,20
OR2,62X053,64PTFE	2,62	53,64	OR2,62X101,27V	2,62	101,27	OR2,70X008,90	2,70	8,90	OR3,00X020,20E	3,00	20,20
OR2,62X053,64V	2,62	53,64	OR2,62X107,61	2,62	107,61	OR2,70X008,90V	2,70	8,90	OR3,00X020,20V	3,00	20,20
OR2,62X054,50-90	2,62	54,50	OR2,62X107,61-90	2,62	107,61	OR2,70X016,90-90	2,70	16,90	OR3,00X021,00	3,00	21,00
OR2,62X055,25	2,62	55,25	OR2,62X107,61V	2,62	107,61	OR2,95X023,47-90	2,95	23,47	OR3,00X021,00E	3,00	21,00
OR2,62X055,25-90	2,62	55,25	OR2,62X113,98	2,62	113,98	OR2,95X023,47E	2,95	23,47	OR3,00X021,20-90	3,00	21,20
OR2,62X055,25V	2,62	55,25	OR2,62X113,98-90	2,62	113,98	OR2,95X029,74-90	2,95	29,74	OR3,00X021,20V	3,00	21,20
OR2,62X056,82	2,62	56,82	OR2,62X113,98E	2,62	113,98	OR2,95X029,74V	2,95	29,74	OR3,00X022,20	3,00	22,20
OR2,62X056,82-90	2,62	56,82	OR2,62X113,98V	2,62	113,98	OR3,00X3,00	3,00	3,00	OR3,00X022,20-90	3,00	22,20
OR2,62X056,82V	2,62	56,82	OR2,62X120,33	2,62	120,33	OR3,00X004,00	3,00	4,00	OR3,00X022,20E	3,00	22,20
OR2,62X056,82V90	2,62	56,82	OR2,62X120,33-90	2,62	120,33	OR3,00X004,00V	3,00	4,00	OR3,00X022,20PTFE	3,00	22,20
OR2,62X058,42	2,62	58,42	OR2,62X120,33V	2,62	120,33	OR3,00X005,00	3,00	5,00	OR3,00X022,20V	3,00	22,20
OR2,62X058,42-90	2,62	58,42	OR2,62X120,62	2,62	120,62	OR3,00X005,00-90	3,00	5,00	OR3,00X023,00	3,00	23,00
OR2,62X058,42V	2,62	58,42	OR2,62X123,19V	2,62	123,19	OR3,00X005,00V	3,00	5,00	OR3,00X023,00-90	3,00	23,00
OR2,62X059,99	2,62	59,99	OR2,62X126,67	2,62	126,67	OR3,00X006,00	3,00	6,00	OR3,00X023,00V	3,00	23,00
OR2,62X059,99-90	2,62	59,99	OR2,62X126,67-90	2,62	126,67	OR3,00X006,00-90	3,00	6,00	OR3,00X023,40V90	3,00	23,40
OR2,62X059,99V	2,62	59,99	OR2,62X126,67V	2,62	126,67	OR3,00X007,00	3,00	7,00	OR3,00X024,00V-90	3,00	24,00

OR3,00X024,20	3,00	24,20	OR3,00X037,20-90	3,00	37,20	OR3,00X054,50S	3,00	54,50	OR3,00X071,00-90	3,00	71,00
OR3,00X024,20-90	3,00	24,20	OR3,00X037,20V	3,00	37,20	OR3,00X054,50V	3,00	54,50	OR3,00X071,00V	3,00	71,00
OR3,00X024,20E	3,00	24,20	OR3,00X038,00	3,00	38,00	OR3,00X055,20	3,00	55,20	OR3,00X072,00	3,00	72,00
OR3,00X024,20V	3,00	24,20	OR3,00X038,00-90	3,00	38,00	OR3,00X055,20-90	3,00	55,20	OR3,00X072,00-90	3,00	72,00
OR3,00X025,20	3,00	25,20	OR3,00X038,00E	3,00	38,00	OR3,00X055,20V	3,00	55,20	OR3,00X072,00S	3,00	72,00
OR3,00X025,20-90	3,00	25,20	OR3,00X038,00S	3,00	38,00	OR3,00X056,00	3,00	56,00	OR3,00X072,00V	3,00	72,00
OR3,00X025,20E	3,00	25,20	OR3,00X038,00V	3,00	38,00	OR3,00X056,00-90	3,00	56,00	OR3,00X073,00	3,00	73,00
OR3,00X025,20S	3,00	25,20	OR3,00X039,20	3,00	39,20	OR3,00X056,00E	3,00	56,00	OR3,00X073,00-90	3,00	73,00
OR3,00X025,20V	3,00	25,20	OR3,00X039,20-90	3,00	39,20	OR3,00X056,00S	3,00	56,00	OR3,00X073,00V	3,00	73,00
OR3,00X026,00	3,00	26,00	OR3,00X039,20E	3,00	39,20	OR3,00X056,00V	3,00	56,00	OR3,00X074,00	3,00	74,00
OR3,00X026,20	3,00	26,20	OR3,00X039,20PTFE	3,00	39,20	OR3,00X056,20PTFE	3,00	56,20	OR3,00X074,50	3,00	74,50
OR3,00X026,20-90	3,00	26,20	OR3,00X039,20V	3,00	39,20	OR3,00X057,00	3,00	57,00	OR3,00X074,50-90	3,00	74,50
OR3,00X026,20E	3,00	26,20	OR3,00X040,00E	3,00	40,00	OR3,00X057,00-90	3,00	57,00	OR3,00X074,50E	3,00	74,50
OR3,00X026,20PTFE	3,00	26,20	OR3,00X040,20	3,00	40,20	OR3,00X057,00E	3,00	57,00	OR3,00X074,50PTFE	3,00	74,50
OR3,00X026,20V	3,00	26,20	OR3,00X040,20-90	3,00	40,20	OR3,00X057,00V	3,00	57,00	OR3,00X074,50S	3,00	74,50
OR3,00X027,00	3,00	27,00	OR3,00X040,20V	3,00	40,20	OR3,00X058,00	3,00	58,00	OR3,00X074,50V	3,00	74,50
OR3,00X027,00-90	3,00	27,00	OR3,00X041,20	3,00	41,20	OR3,00X058,00-90	3,00	58,00	OR3,00X076,00	3,00	76,00
OR3,00X027,00E	3,00	27,00	OR3,00X041,20-90	3,00	41,20	OR3,00X058,00S	3,00	58,00	OR3,00X076,00-90	3,00	76,00
OR3,00X027,00V	3,00	27,00	OR3,00X041,20E	3,00	41,20	OR3,00X058,00V	3,00	58,00	OR3,00X076,00S	3,00	76,00
OR3,00X028,00	3,00	28,00	OR3,00X041,20V	3,00	41,20	OR3,00X059,50	3,00	59,50	OR3,00X076,00V	3,00	76,00
OR3,00X028,00-90	3,00	28,00	OR3,00X042,00E	3,00	42,00	OR3,00X059,50-90	3,00	59,50	OR3,00X077,00	3,00	77,00
OR3,00X028,00V	3,00	28,00	OR3,00X042,20	3,00	42,20	OR3,00X059,50E	3,00	59,50	OR3,00X078,00	3,00	78,00
OR3,00X029,00V-90	3,00	29,00	OR3,00X042,20-90	3,00	42,20	OR3,00X059,50S	3,00	59,50	OR3,00X078,00-90	3,00	78,00
OR3,00X029,20	3,00	29,20	OR3,00X042,20V	3,00	42,20	OR3,00X059,50V	3,00	59,50	OR3,00X078,00V	3,00	78,00
OR3,00X029,20-90	3,00	29,20	OR3,00X043,00	3,00	43,00	OR3,00X060,20	3,00	60,20	OR3,00X079,50	3,00	79,50
OR3,00X029,20E	3,00	29,20	OR3,00X043,00-90	3,00	43,00	OR3,00X060,20-90	3,00	60,20	OR3,00X079,50-90	3,00	79,50
OR3,00X029,20V	3,00	29,20	OR3,00X043,00E	3,00	43,00	OR3,00X060,20V	3,00	60,20	OR3,00X079,50E	3,00	79,50
OR3,00X030,00	3,00	30,00	OR3,00X043,50V	3,00	43,50	OR3,00X062,20	3,00	62,20	OR3,00X079,50S	3,00	79,50
OR3,00X030,00PTFE	3,00	30,00	OR3,00X044,20	3,00	44,20	OR3,00X062,20-90	3,00	62,20	OR3,00X079,50V	3,00	79,50
OR3,00X030,20	3,00	30,20	OR3,00X044,20-90	3,00	44,20	OR3,00X062,20E	3,00	62,20	OR3,00X080,00	3,00	80,00
OR3,00X030,20-90	3,00	30,20	OR3,00X044,20V	3,00	44,20	OR3,00X062,20P	3,00	62,20	OR3,00X082,00	3,00	82,00
OR3,00X030,20P	3,00	30,20	OR3,00X045,00	3,00	45,00	OR3,00X062,20S	3,00	62,20	OR3,00X082,00-90	3,00	82,00
OR3,00X030,20S	3,00	30,20	OR3,00X045,00S	3,00	45,00	OR3,00X062,20V	3,00	62,20	OR3,00X082,00V	3,00	82,00
OR3,00X030,20V	3,00	30,20	OR3,00X045,20-90	3,00	45,20	OR3,00X063,00	3,00	63,00	OR3,00X083,00	3,00	83,00
OR3,00X031,20	3,00	31,20	OR3,00X045,20V	3,00	45,20	OR3,00X063,00-90	3,00	63,00	OR3,00X083,00-90	3,00	83,00
OR3,00X031,20-90	3,00	31,20	OR3,00X046,00V	3,00	46,00	OR3,00X063,00V	3,00	63,00	OR3,00X084,50	3,00	84,50
OR3,00X031,20V	3,00	31,20	OR3,00X046,20	3,00	46,20	OR3,00X064,00	3,00	64,00	OR3,00X084,50-90	3,00	84,50
OR3,00X032,20	3,00	32,20	OR3,00X046,20-90	3,00	46,20	OR3,00X064,00S	3,00	64,00	OR3,00X084,50V	3,00	84,50
OR3,00X032,20-90	3,00	32,20	OR3,00X046,20E	3,00	46,20	OR3,00X064,50	3,00	64,50	OR3,00X085,00	3,00	85,00
OR3,00X032,20E	3,00	32,20	OR3,00X047,00	3,00	47,00	OR3,00X064,50-90	3,00	64,50	OR3,00X086,00	3,00	86,00
OR3,00X032,20PTFE	3,00	32,20	OR3,00X047,00V	3,00	47,00	OR3,00X064,50E	3,00	64,50	OR3,00X086,00-90	3,00	86,00
OR3,00X032,20S	3,00	32,20	OR3,00X048,00	3,00	48,00	OR3,00X064,50P	3,00	64,50	OR3,00X086,00V	3,00	86,00
OR3,00X032,20V	3,00	32,20	OR3,00X048,00-90	3,00	48,00	OR3,00X064,50V	3,00	64,50	OR3,00X087,00	3,00	87,00
OR3,00X033,00	3,00	33,00	OR3,00X048,00V	3,00	48,00	OR3,00X065,00	3,00	65,00	OR3,00X087,00V	3,00	87,00
OR3,00X033,00-90	3,00	33,00	OR3,00X049,50	3,00	49,50	OR3,00X066,00	3,00	66,00	OR3,00X088,00	3,00	88,00
OR3,00X034,20	3,00	34,20	OR3,00X049,50-90	3,00	49,50	OR3,00X067,00	3,00	67,00	OR3,00X088,00-90	3,00	88,00
OR3,00X034,20-90	3,00	34,20	OR3,00X049,50E	3,00	49,50	OR3,00X067,00-90	3,00	67,00	OR3,00X088,00V	3,00	88,00
OR3,00X034,20E	3,00	34,20	OR3,00X049,50V	3,00	49,50	OR3,00X067,00PTFE	3,00	67,00	OR3,00X089,50	3,00	89,50
OR3,00X034,20S	3,00	34,20	OR3,00X050,00E	3,00	50,00	OR3,00X067,00V	3,00	67,00	OR3,00X089,50-90	3,00	89,50
OR3,00X034,20V	3,00	34,20	OR3,00X050,00PTFE	3,00	50,00	OR3,00X068,00	3,00	68,00	OR3,00X089,50PTFE	3,00	89,50
OR3,00X035,20	3,00	35,20	OR3,00X050,20	3,00	50,20	OR3,00X068,00-90	3,00	68,00	OR3,00X089,50V	3,00	89,50
OR3,00X035,20-90	3,00	35,20	OR3,00X050,20-90	3,00	50,20	OR3,00X068,00V	3,00	68,00	OR3,00X091,00	3,00	91,00
OR3,00X035,20PTFE	3,00	35,20	OR3,00X050,20V	3,00	50,20	OR3,00X069,00	3,00	69,00	OR3,00X091,00-90	3,00	91,00
OR3,00X035,20S	3,00	35,20	OR3,00X052,00	3,00	52,00	OR3,00X069,00E	3,00	69,00	OR3,00X091,00V	3,00	91,00
OR3,00X035,20V	3,00	35,20	OR3,00X052,00-90	3,00	52,00	OR3,00X069,50	3,00	69,50	OR3,00X092,00	3,00	92,00
OR3,00X036,20	3,00	36,20	OR3,00X052,00V	3,00	52,00	OR3,00X069,50-90	3,00	69,50	OR3,00X092,00E	3,00	92,00
OR3,00X036,20-90	3,00	36,20	OR3,00X054,00V	3,00	54,00	OR3,00X069,50P	3,00	69,50	OR3,00X093,00	3,00	93,00
OR3,00X036,20E	3,00	36,20	OR3,00X054,50	3,00	54,50	OR3,00X069,50V	3,00	69,50	OR3,00X094,00E	3,00	94,00
OR3,00X036,20V	3,00	36,20	OR3,00X054,50-90	3,00	54,50	OR3,00X070,00S	3,00	70,00	OR3,00X094,50	3,00	94,50
OR3,00X037,20	3,00	37,20	OR3,00X054,50E	3,00	54,50	OR3,00X071,00	3,00	71,00	OR3,00X094,50-90	3,00	94,50

OR3,00X094,50E	3,00	94,50	OR3,00X124,50E	3,00	124,50	OR3,00X162,00	3,00	162,00	OR3,00X230,00	3,00	230,00
OR3,00X094,50V	3,00	94,50	OR3,00X124,50PTFE	3,00	124,50	OR3,00X164,50	3,00	164,50	OR3,00X233,00	3,00	233,00
OR3,00X096,00	3,00	96,00	OR3,00X124,50V	3,00	124,50	OR3,00X164,50-90	3,00	164,50	OR3,00X234,00	3,00	234,00
OR3,00X096,00-90	3,00	96,00	OR3,00X125,00	3,00	125,00	OR3,00X164,50V	3,00	164,50	OR3,00X235,00	3,00	235,00
OR3,00X096,00V	3,00	96,00	OR3,00X126,00	3,00	126,00	OR3,00X165,00	3,00	165,00	OR3,00X240,00	3,00	240,00
OR3,00X098,00	3,00	98,00	OR3,00X126,00V	3,00	126,00	OR3,00X168,00	3,00	168,00	OR3,00X240,00-90	3,00	240,00
OR3,00X098,00-90	3,00	98,00	OR3,00X126,50	3,00	126,50	OR3,00X169,50	3,00	169,50	OR3,00X240,00V	3,00	240,00
OR3,00X098,00E	3,00	98,00	OR3,00X127,00	3,00	127,00	OR3,00X169,50-90	3,00	169,50	OR3,00X241,00	3,00	241,00
OR3,00X098,00V	3,00	98,00	OR3,00X127,50V	3,00	127,50	OR3,00X170,00-90	3,00	170,00	OR3,00X245,00	3,00	245,00
OR3,00X099,50	3,00	99,50	OR3,00X128,00	3,00	128,00	OR3,00X170,00E	3,00	170,00	OR3,00X245,00V	3,00	245,00
OR3,00X099,50-90	3,00	99,50	OR3,00X129,50	3,00	129,50	OR3,00X171,00	3,00	171,00	OR3,00X248,00	3,00	248,00
OR3,00X099,50E	3,00	99,50	OR3,00X129,50-90	3,00	129,50	OR3,00X172,00	3,00	172,00	OR3,00X249,50	3,00	249,50
OR3,00X099,50V	3,00	99,50	OR3,00X129,50E	3,00	129,50	OR3,00X172,00V	3,00	172,00	OR3,00X249,50-90	3,00	249,50
OR3,00X100,00S	3,00	100,00	OR3,00X129,50V	3,00	129,50	OR3,00X174,00V	3,00	174,00	OR3,00X249,50V	3,00	249,50
OR3,00X101,50-90	3,00	101,50	OR3,00X130,00E	3,00	130,00	OR3,00X174,50	3,00	174,50	OR3,00X250,00	3,00	250,00
OR3,00X102,00	3,00	102,00	OR3,00X132,00	3,00	132,00	OR3,00X174,50-90	3,00	174,50	OR3,00X250,00V	3,00	250,00
OR3,00X102,00-90	3,00	102,00	OR3,00X132,00-90	3,00	132,00	OR3,00X174,50V	3,00	174,50	OR3,00X254,00	3,00	254,00
OR3,00X102,00V	3,00	102,00	OR3,00X134,00V	3,00	134,00	OR3,00X175,00V	3,00	175,00	OR3,00X260,00	3,00	260,00
OR3,00X104,00S	3,00	104,00	OR3,00X134,50	3,00	134,50	OR3,00X178,00	3,00	178,00	OR3,00X264,00	3,00	264,00
OR3,00X104,50	3,00	104,50	OR3,00X134,50-90	3,00	134,50	OR3,00X178,00V	3,00	178,00	OR3,00X268,00	3,00	268,00
OR3,00X104,50-90	3,00	104,50	OR3,00X134,50E	3,00	134,50	OR3,00X179,00	3,00	179,00	OR3,00X270,00	3,00	270,00
OR3,00X104,50E	3,00	104,50	OR3,00X134,50V	3,00	134,50	OR3,00X179,50	3,00	179,50	OR3,00X275,00	3,00	275,00
OR3,00X104,50PTFE	3,00	104,50	OR3,00X137,00	3,00	137,00	OR3,00X179,50-90	3,00	179,50	OR3,00X280,00	3,00	280,00
OR3,00X104,50V	3,00	104,50	OR3,00X137,00-90	3,00	137,00	OR3,00X179,50E	3,00	179,50	OR3,00X280,00-90	3,00	280,00
OR3,00X106,00	3,00	106,00	OR3,00X138,00-90	3,00	138,00	OR3,00X179,50V	3,00	179,50	OR3,00X280,00V	3,00	280,00
OR3,00X106,00-90	3,00	106,00	OR3,00X139,50	3,00	139,50	OR3,00X182,00	3,00	182,00	OR3,00X281,00V	3,00	281,00
OR3,00X106,00E	3,00	106,00	OR3,00X139,50-90	3,00	139,50	OR3,00X183,50	3,00	183,50	OR3,00X285,00	3,00	285,00
OR3,00X106,00V	3,00	106,00	OR3,00X139,50E	3,00	139,50	OR3,00X184,50	3,00	184,50	OR3,00X285,00E	3,00	285,00
OR3,00X108,00	3,00	108,00	OR3,00X139,50PTFE	3,00	139,50	OR3,00X184,50E	3,00	184,50	OR3,00X290,00	3,00	290,00
OR3,00X108,00-90	3,00	108,00	OR3,00X139,50V	3,00	139,50	OR3,00X184,50V	3,00	184,50	OR3,00X290,00V	3,00	290,00
OR3,00X108,00V	3,00	108,00	OR3,00X141,00	3,00	141,00	OR3,00X186,00	3,00	186,00	OR3,00X295,00	3,00	295,00
OR3,00X109,50	3,00	109,50	OR3,00X142,00	3,00	142,00	OR3,00X189,50	3,00	189,50	OR3,00X300,00	3,00	300,00
OR3,00X109,50-90	3,00	109,50	OR3,00X142,00V	3,00	142,00	OR3,00X190,00	3,00	190,00	OR3,00X300,00-90	3,00	300,00
OR3,00X109,50V	3,00	109,50	OR3,00X144,50	3,00	144,50	OR3,00X190,00V	3,00	190,00	OR3,00X300,00V	3,00	300,00
OR3,00X112,00	3,00	112,00	OR3,00X144,50-90	3,00	144,50	OR3,00X192,00	3,00	192,00	OR3,00X310,00	3,00	310,00
OR3,00X112,00-90	3,00	112,00	OR3,00X144,50S	3,00	144,50	OR3,00X192,00E	3,00	192,00	OR3,00X310,00-90	3,00	310,00
OR3,00X112,00E	3,00	112,00	OR3,00X144,50V	3,00	144,50	OR3,00X192,00V	3,00	192,00	OR3,00X315,00	3,00	315,00
OR3,00X112,00V	3,00	112,00	OR3,00X147,00	3,00	147,00	OR3,00X194,50	3,00	194,50	OR3,00X315,00V	3,00	315,00
OR3,00X114,50	3,00	114,50	OR3,00X147,00V	3,00	147,00	OR3,00X194,50V	3,00	194,50	OR3,00X320,00	3,00	320,00
OR3,00X114,50-90	3,00	114,50	OR3,00X148,00	3,00	148,00	OR3,00X197,00V	3,00	197,00	OR3,00X320,00-90	3,00	320,00
OR3,00X114,50E	3,00	114,50	OR3,00X148,00V	3,00	148,00	OR3,00X199,50V	3,00	199,50	OR3,00X323,00V	3,00	323,00
OR3,00X114,50V	3,00	114,50	OR3,00X149,00	3,00	149,00	OR3,00X200,00	3,00	200,00	OR3,00X325,00	3,00	325,00
OR3,00X116,00	3,00	116,00	OR3,00X149,50	3,00	149,50	OR3,00X200,00V	3,00	200,00	OR3,00X330,00	3,00	330,00
OR3,00X116,00-90	3,00	116,00	OR3,00X149,50-90	3,00	149,50	OR3,00X203,00	3,00	203,00	OR3,00X330,00V	3,00	330,00
OR3,00X116,00V	3,00	116,00	OR3,00X149,50V	3,00	149,50	OR3,00X204,50	3,00	204,50	OR3,00X335,00	3,00	335,00
OR3,00X117,00	3,00	117,00	OR3,00X150,00	3,00	150,00	OR3,00X204,50-90	3,00	204,50	OR3,00X340,00	3,00	340,00
OR3,00X118,00	3,00	118,00	OR3,00X154,50	3,00	154,50	OR3,00X205,00-90	3,00	205,00	OR3,00X345,00	3,00	345,00
OR3,00X118,00E	3,00	118,00	OR3,00X154,50-90	3,00	154,50	OR3,00X206,00	3,00	206,00	OR3,00X348,00V	3,00	348,00
OR3,00X118,00V	3,00	118,00	OR3,00X154,50V	3,00	154,50	OR3,00X209,50	3,00	209,50	OR3,00X350,00	3,00	350,00
OR3,00X119,50	3,00	119,50	OR3,00X157,00	3,00	157,00	OR3,00X209,50-90	3,00	209,50	OR3,00X350,00V	3,00	350,00
OR3,00X119,50-90	3,00	119,50	OR3,00X157,00V	3,00	157,00	OR3,00X209,50V	3,00	209,50	OR3,00X360,00-90	3,00	360,00
OR3,00X119,50E	3,00	119,50	OR3,00X158,00-90	3,00	158,00	OR3,00X210,00	3,00	210,00	OR3,00X370,00V	3,00	370,00
OR3,00X119,50PTFE	3,00	119,50	OR3,00X158,00V	3,00	158,00	OR3,00X210,00V	3,00	210,00	OR3,00X375,00	3,00	375,00
OR3,00X119,50V	3,00	119,50	OR3,00X158,50V	3,00	158,50	OR3,00X213,00	3,00	213,00	OR3,00X385,00	3,00	385,00
OR3,00X122,00	3,00	122,00	OR3,00X159,50	3,00	159,50	OR3,00X214,50	3,00	214,50	OR3,00X399,00	3,00	399,00
OR3,00X122,00-90	3,00	122,00	OR3,00X159,50V	3,00	159,50	OR3,00X215,00-90	3,00	215,00	OR3,00X405,00	3,00	405,00
OR3,00X122,00E	3,00	122,00	OR3,00X160,00	3,00	160,00	OR3,00X219,50	3,00	219,50	OR3,00X418,00	3,00	418,00
OR3,00X123,00	3,00	123,00	OR3,00X160,00-90	3,00	160,00	OR3,00X219,50V	3,00	219,50	OR3,00X419,00	3,00	419,00
OR3,00X124,50	3,00	124,50	OR3,00X160,00E	3,00	160,00	OR3,00X220,00-90	3,00	220,00	OR3,00X475,00	3,00	475,00
OR3,00X124,50-90	3,00	124,50	OR3,00X160,00V	3,00	160,00	OR3,00X224,00	3,00	224,00	OR3,00X480,00V	3,00	480,00

OR3,00X505,00	3,00	505,00	OR3,50X260,00	3,50	260,00	OR3,53X025,80	3,53	25,80	OR3,53X044,04V	3,53	44,04
OR3,00X528,00	3,00	528,00	OR3,50X264,00	3,50	264,00	OR3,53X025,80-90	3,53	25,80	OR3,53X044,45	3,53	44,45
OR3,00X529,00V	3,00	529,00	OR3,50X270,00	3,50	270,00	OR3,53X025,80V	3,53	25,80	OR3,53X044,45-90	3,53	44,45
OR3,00X619,00V	3,00	619,00	OR3,50X273,00	3,50	273,00	OR3,53X026,57	3,53	26,57	OR3,53X044,45V	3,53	44,45
OR3,00X635,00	3,00	635,00	OR3,50X285,00	3,50	285,00	OR3,53X026,57-90	3,53	26,57	OR3,53X046,04	3,53	46,04
OR3,00X644,00V	3,00	644,00	OR3,50X285,00E	3,50	285,00	OR3,53X026,57E	3,53	26,57	OR3,53X046,04-90	3,53	46,04
OR3,10X124,40V	3,10	124,40	OR3,50X300,00	3,50	300,00	OR3,53X026,58V	3,53	26,58	OR3,53X046,04S	3,53	46,04
OR3,15X020,00-90	3,15	20,00	OR3,50X300,00E	3,50	300,00	OR3,53X026,58V90	3,53	26,58	OR3,53X046,04V	3,53	46,04
OR3,15X033,50	3,15	33,50	OR3,50X314,00	3,50	314,00	OR3,53X028,17	3,53	28,17	OR3,53X047,22	3,53	47,22
OR3,20X015,00	3,20	15,00	OR3,50X315,00	3,50	315,00	OR3,53X028,17-90	3,53	28,17	OR3,53X047,22-90	3,53	47,22
OR3,20X035,00	3,20	35,00	OR3,50X323,00	3,50	323,00	OR3,53X028,17E	3,53	28,17	OR3,53X047,22E	3,53	47,22
OR3,20X038,10	3,20	38,10	OR3,50X332,00	3,50	332,00	OR3,53X028,17V	3,53	28,17	OR3,53X047,22V	3,53	47,22
OR3,20X047,60	3,20	47,60	OR3,50X370,00	3,50	370,00	OR3,53X029,75	3,53	29,75	OR3,53X047,22V90	3,53	47,22
OR3,20X047,60-90	3,20	47,60	OR3,50X390,00	3,50	390,00	OR3,53X029,75-90	3,53	29,75	OR3,53X047,63	3,53	47,63
OR3,20X050,10	3,20	50,10	OR3,50X400,00	3,50	400,00	OR3,53X029,75V	3,53	29,75	OR3,53X049,21	3,53	49,21
OR3,20X061,00	3,20	61,00	OR3,50X409,00	3,50	409,00	OR3,53X031,34	3,53	31,34	OR3,53X049,21-90	3,53	49,21
OR3,20X342,00	3,20	342,00	OR3,50X416,00	3,50	416,00	OR3,53X031,34-90	3,53	31,34	OR3,53X049,21V	3,53	49,21
OR3,30X010,00	3,30	10,00	OR3,50X439,00	3,50	439,00	OR3,53X031,34E	3,53	31,34	OR3,53X050,40	3,53	50,40
OR3,30X029,20	3,30	29,20	OR3,50X450,00	3,50	450,00	OR3,53X031,34V	3,53	31,34	OR3,53X050,40-90	3,53	50,40
OR3,50X008,00V	3,50	8,00	OR3,50X680,00	3,50	680,00	OR3,53X032,92	3,53	32,92	OR3,53X050,40V	3,53	50,40
OR3,50X009,50	3,50	9,50	OR3,53X004,34V	3,53	4,34	OR3,53X032,92-90	3,53	32,92	OR3,53X050,80	3,53	50,80
OR3,50X010,00	3,50	10,00	OR3,53X005,94	3,53	5,94	OR3,53X032,92S	3,53	32,92	OR3,53X050,80-90	3,53	50,80
OR3,50X011,00	3,50	11,00	OR3,53X007,52	3,53	7,52	OR3,53X032,92V	3,53	32,92	OR3,53X050,80V	3,53	50,80
OR3,50X014,00	3,50	14,00	OR3,53X007,52V	3,53	7,52	OR3,53X032,92V90	3,53	32,92	OR3,53X052,39	3,53	52,39
OR3,50X016,00	3,50	16,00	OR3,53X010,69V	3,53	10,69	OR3,53X033,30	3,53	33,30	OR3,53X052,39-90	3,53	52,39
OR3,50X018,00	3,50	18,00	OR3,53X012,29	3,53	12,29	OR3,53X034,52	3,53	34,52	OR3,53X052,39PTFE	3,53	52,39
OR3,50X020,00V	3,50	20,00	OR3,53X012,29V	3,53	12,29	OR3,53X034,52-90	3,53	34,52	OR3,53X052,39V	3,53	52,39
OR3,50X021,00	3,50	21,00	OR3,53X013,87	3,53	13,87	OR3,53X034,52V	3,53	34,52	OR3,53X053,57	3,53	53,57
OR3,50X028,00V	3,50	28,00	OR3,53X013,87-90	3,53	13,87	OR3,53X036,09	3,53	36,09	OR3,53X053,57-90	3,53	53,57
OR3,50X030,00	3,50	30,00	OR3,53X013,87E	3,53	13,87	OR3,53X036,09-90	3,53	36,09	OR3,53X053,57V	3,53	53,57
OR3,50X032,00	3,50	32,00	OR3,53X013,87S	3,53	13,87	OR3,53X036,09S	3,53	36,09	OR3,53X055,56	3,53	55,56
OR3,50X032,00E	3,50	32,00	OR3,53X013,87V	3,53	13,87	OR3,53X036,09V	3,53	36,09	OR3,53X055,56-90	3,53	55,56
OR3,50X035,00	3,50	35,00	OR3,53X015,47	3,53	15,47	OR3,53X037,69	3,53	37,69	OR3,53X055,56V	3,53	55,56
OR3,50X045,00PTFE	3,50	45,00	OR3,53X015,47-90	3,53	15,47	OR3,53X037,69-90	3,53	37,69	OR3,53X056,74	3,53	56,74
OR3,50X050,00	3,50	50,00	OR3,53X015,47V	3,53	15,47	OR3,53X037,69E	3,53	37,69	OR3,53X056,74-90	3,53	56,74
OR3,50X050,00E	3,50	50,00	OR3,53X017,04	3,53	17,04	OR3,53X037,69V	3,53	37,69	OR3,53X056,74V	3,53	56,74
OR3,50X055,00	3,50	55,00	OR3,53X017,04-90	3,53	17,04	OR3,53X037,69V90	3,53	37,69	OR3,53X057,15	3,53	57,15
OR3,50X070,00V	3,50	70,00	OR3,53X017,04V	3,53	17,04	OR3,53X039,70	3,53	39,70	OR3,53X057,15-90	3,53	57,15
OR3,50X078,00	3,50	78,00	OR3,53X018,64	3,53	18,64	OR3,53X039,70-90	3,53	39,70	OR3,53X058,74	3,53	58,74
OR3,50X086,70	3,50	86,70	OR3,53X018,64-90	3,53	18,64	OR3,53X039,70E	3,53	39,70	OR3,53X058,74-90	3,53	58,74
OR3,50X096,00	3,50	96,00	OR3,53X018,64S	3,53	18,64	OR3,53X039,70PTFE	3,53	39,70	OR3,53X058,74V	3,53	58,74
OR3,50X106,00E	3,50	106,00	OR3,53X018,64V	3,53	18,64	OR3,53X039,70V	3,53	39,70	OR3,53X059,92	3,53	59,92
OR3,50X125,00	3,50	125,00	OR3,53X020,22	3,53	20,22	OR3,53X040,80E	3,53	40,80	OR3,53X059,92-90	3,53	59,92
OR3,50X125,00V	3,50	125,00	OR3,53X020,22-90	3,53	20,22	OR3,53X040,87	3,53	40,87	OR3,53X059,92V	3,53	59,92
OR3,50X132,50E	3,50	132,50	OR3,53X020,22E	3,53	20,22	OR3,53X040,87-90	3,53	40,87	OR3,53X060,33	3,53	60,33
OR3,50X140,00	3,50	140,00	OR3,53X020,22PTFE	3,53	20,22	OR3,53X040,87S	3,53	40,87	OR3,53X060,33-90	3,53	60,33
OR3,50X147,00E	3,50	147,00	OR3,53X020,22V	3,53	20,22	OR3,53X040,87V	3,53	40,87	OR3,53X060,33V	3,53	60,33
OR3,50X150,00	3,50	150,00	OR3,53X021,82	3,53	21,82	OR3,53X041,28	3,53	41,28	OR3,53X061,91	3,53	61,91
OR3,50X154,00	3,50	154,00	OR3,53X021,82-90	3,53	21,82	OR3,53X041,28-90	3,53	41,28	OR3,53X061,91-90	3,53	61,91
OR3,50X155,00	3,50	155,00	OR3,53X021,82E	3,53	21,82	OR3,53X041,28S	3,53	41,28	OR3,53X063,09	3,53	63,09
OR3,50X155,00V	3,50	155,00	OR3,53X021,82V	3,53	21,82	OR3,53X041,28V	3,53	41,28	OR3,53X063,09-90	3,53	63,09
OR3,50X170,00	3,50	170,00	OR3,53X023,40	3,53	23,40	OR3,53X042,86	3,53	42,86	OR3,53X063,09E	3,53	63,09
OR3,50X170,00E	3,50	170,00	OR3,53X023,40-90	3,53	23,40	OR3,53X042,86-90	3,53	42,86	OR3,53X063,09V	3,53	63,09
OR3,50X175,00	3,50	175,00	OR3,53X023,40S	3,53	23,40	OR3,53X042,86E	3,53	42,86	OR3,53X063,50	3,53	63,50
OR3,50X175,00E	3,50	175,00	OR3,53X023,40V	3,53	23,40	OR3,53X042,86PTFE	3,53	42,86	OR3,53X063,50-90	3,53	63,50
OR3,50X179,00E	3,50	179,00	OR3,53X025,00	3,53	25,00	OR3,53X042,86V	3,53	42,86	OR3,53X063,50V	3,53	63,50
OR3,50X195,00	3,50	195,00	OR3,53X025,00-90	3,53	25,00	OR3,53X044,04	3,53	44,04	OR3,53X065,09	3,53	65,09
OR3,50X220,00	3,50	220,00	OR3,53X025,00E	3,53	25,00	OR3,53X044,04-90	3,53	44,04	OR3,53X065,09-90	3,53	65,09
OR3,50X220,00E	3,50	220,00	OR3,53X025,00V	3,53	25,00	OR3,53X044,04E	3,53	44,04	OR3,53X065,09V	3,53	65,09
OR3,50X230,00	3,50	230,00	OR3,53X025,00V90	3,53	25,00	OR3,53X044,04PTFE	3,53	44,04	OR3,53X066,27	3,53	66,27

OR3,53X066,27-90	3,53	66,27	OR3,53X094,84E	3,53	94,84	OR3,53X142,47	3,53	142,47	OR3,53X234,54	3,53	234,54
OR3,53X066,27E	3,53	66,27	OR3,53X094,84V	3,53	94,84	OR3,53X142,47-90	3,53	142,47	OR3,53X234,54-90	3,53	234,54
OR3,53X066,27V	3,53	66,27	OR3,53X098,02	3,53	98,02	OR3,53X142,47PTFE	3,53	142,47	OR3,53X234,55PTFE	3,53	234,55
OR3,53X066,67	3,53	66,67	OR3,53X098,02-90	3,53	98,02	OR3,53X142,47V	3,53	142,47	OR3,53X240,89V	3,53	240,89
OR3,53X066,67-90	3,53	66,67	OR3,53X098,02V	3,53	98,02	OR3,53X145,65	3,53	145,65	OR3,53X240,90	3,53	240,90
OR3,53X066,67V	3,53	66,67	OR3,53X101,20	3,53	101,20	OR3,53X145,65-90	3,53	145,65	OR3,53X244,00	3,53	244,00
OR3,53X068,26	3,53	68,26	OR3,53X101,20-90	3,53	101,20	OR3,53X145,65V	3,53	145,65	OR3,53X247,24	3,53	247,24
OR3,53X068,26-90	3,53	68,26	OR3,53X101,20P	3,53	101,20	OR3,53X148,80V	3,53	148,80	OR3,53X247,24V	3,53	247,24
OR3,53X068,26V	3,53	68,26	OR3,53X101,20S	3,53	101,20	OR3,53X148,82	3,53	148,82	OR3,53X253,59	3,53	253,59
OR3,53X069,44	3,53	69,44	OR3,53X101,20V	3,53	101,20	OR3,53X148,82-90	3,53	148,82	OR3,53X253,59-90	3,53	253,59
OR3,53X069,44-90	3,53	69,44	OR3,53X104,37	3,53	104,37	OR3,53X151,99	3,53	151,99	OR3,53X253,59V	3,53	253,59
OR3,53X069,44E	3,53	69,44	OR3,53X104,37-90	3,53	104,37	OR3,53X151,99-90	3,53	151,99	OR3,53X260,00E	3,53	260,00
OR3,53X069,44PTFE	3,53	69,44	OR3,53X104,37V	3,53	104,37	OR3,53X151,99E	3,53	151,99	OR3,53X266,29	3,53	266,29
OR3,53X069,44V	3,53	69,44	OR3,53X107,54	3,53	107,54	OR3,53X151,99PTFE	3,53	151,99	OR3,53X266,29V	3,53	266,29
OR3,53X069,85	3,53	69,85	OR3,53X107,54-90	3,53	107,54	OR3,53X151,99V	3,53	151,99	OR3,53X272,64	3,53	272,64
OR3,53X069,85-90	3,53	69,85	OR3,53X107,54V	3,53	107,54	OR3,53X158,34	3,53	158,34	OR3,53X272,64V	3,53	272,64
OR3,53X071,44	3,53	71,44	OR3,53X109,53	3,53	109,53	OR3,53X158,34-90	3,53	158,34	OR3,53X275,60	3,53	275,60
OR3,53X071,44-90	3,53	71,44	OR3,53X110,72	3,53	110,72	OR3,53X158,34PTFE	3,53	158,34	OR3,53X278,99	3,53	278,99
OR3,53X071,44V	3,53	71,44	OR3,53X110,72-90	3,53	110,72	OR3,53X158,34V	3,53	158,34	OR3,53X278,99V	3,53	278,99
OR3,53X072,62	3,53	72,62	OR3,53X110,72V	3,53	110,72	OR3,53X160,00-90	3,53	160,00	OR3,53X288,00	3,53	288,00
OR3,53X072,62-90	3,53	72,62	OR3,53X113,89	3,53	113,89	OR3,53X164,69E	3,53	164,69	OR3,53X291,69	3,53	291,69
OR3,53X072,62E	3,53	72,62	OR3,53X113,89-90	3,53	113,89	OR3,53X164,70	3,53	164,70	OR3,53X291,69-90	3,53	291,69
OR3,53X072,62V	3,53	72,62	OR3,53X113,89E	3,53	113,89	OR3,53X164,70-90	3,53	164,70	OR3,53X304,39	3,53	304,39
OR3,53X073,03	3,53	73,03	OR3,53X113,89PTFE	3,53	113,89	OR3,53X164,70S	3,53	164,70	OR3,53X304,39V	3,53	304,39
OR3,53X073,03-90	3,53	73,03	OR3,53X113,89V	3,53	113,89	OR3,53X164,70V	3,53	164,70	OR3,53X315,80	3,53	315,80
OR3,53X074,60E	3,53	74,60	OR3,53X117,07	3,53	117,07	OR3,53X168,00	3,53	168,00	OR3,53X319,20	3,53	319,20
OR3,53X074,61	3,53	74,61	OR3,53X117,07-90	3,53	117,07	OR3,53X171,04	3,53	171,04	OR3,53X325,00	3,53	325,00
OR3,53X074,61-90	3,53	74,61	OR3,53X117,07S	3,53	117,07	OR3,53X171,04-90	3,53	171,04	OR3,53X329,79	3,53	329,79
OR3,53X075,57	3,53	75,57	OR3,53X117,07V	3,53	117,07	OR3,53X171,04V	3,53	171,04	OR3,53X329,79-90	3,53	329,79
OR3,53X075,57E	3,53	75,57	OR3,53X120,24	3,53	120,24	OR3,53X177,39	3,53	177,39	OR3,53X355,19	3,53	355,19
OR3,53X075,79E	3,53	75,79	OR3,53X120,24-90	3,53	120,24	OR3,53X177,39E	3,53	177,39	OR3,53X380,59	3,53	380,59
OR3,53X075,80	3,53	75,80	OR3,53X120,24E	3,53	120,24	OR3,53X177,40PTFE	3,53	177,40	OR3,53X381,00-90	3,53	381,00
OR3,53X075,80-90	3,53	75,80	OR3,53X120,24V	3,53	120,24	OR3,53X177,40V	3,53	177,40	OR3,53X394,72	3,53	394,72
OR3,53X075,80V	3,53	75,80	OR3,53X123,42	3,53	123,42	OR3,53X183,74	3,53	183,74	OR3,53X405,26E	3,53	405,26
OR3,53X077,22-90	3,53	77,22	OR3,53X123,42-90	3,53	123,42	OR3,53X183,75-90	3,53	183,75	OR3,53X412,35	3,53	412,35
OR3,53X077,50	3,53	77,50	OR3,53X123,42E	3,53	123,42	OR3,53X183,75PTFE	3,53	183,75	OR3,53X429,25	3,53	429,25
OR3,53X078,97	3,53	78,97	OR3,53X123,42PTFE	3,53	123,42	OR3,53X183,75V	3,53	183,75	OR3,53X430,66	3,53	430,66
OR3,53X078,97-90	3,53	78,97	OR3,53X123,42S	3,53	123,42	OR3,53X185,74	3,53	185,74	OR3,53X456,06	3,53	456,06
OR3,53X078,97E	3,53	78,97	OR3,53X123,42V	3,53	123,42	OR3,53X190,09V	3,53	190,09	OR3,53X609,60	3,53	609,60
OR3,53X078,97S	3,53	78,97	OR3,53X126,60	3,53	126,60	OR3,53X190,10	3,53	190,10	OR3,55X187,50V	3,55	187,50
OR3,53X078,97V	3,53	78,97	OR3,53X126,60-90	3,53	126,60	OR3,53X190,10E	3,53	190,10	OR3,60X023,00V	3,60	23,00
OR3,53X081,92	3,53	81,92	OR3,53X126,60V	3,53	126,60	OR3,53X196,44V	3,53	196,44	OR3,60X026,20V	3,60	26,20
OR3,53X082,14	3,53	82,14	OR3,53X129,77	3,53	129,77	OR3,53X196,45	3,53	196,45	OR4,00X006,00	4,00	6,00
OR3,53X082,14-90	3,53	82,14	OR3,53X129,77-90	3,53	129,77	OR3,53X196,45-90	3,53	196,45	OR4,00X008,00	4,00	8,00
OR3,53X082,14S	3,53	82,14	OR3,53X129,77PTFE	3,53	129,77	OR3,53X202,79PTFE	3,53	202,79	OR4,00X008,00E	4,00	8,00
OR3,53X082,14V	3,53	82,14	OR3,53X129,77V	3,53	129,77	OR3,53X202,80	3,53	202,80	OR4,00X008,00PTFE	4,00	8,00
OR3,53X085,32	3,53	85,32	OR3,53X132,95	3,53	132,95	OR3,53X202,80E	3,53	202,80	OR4,00X008,00S	4,00	8,00
OR3,53X085,32-90	3,53	85,32	OR3,53X132,95-90	3,53	132,95	OR3,53X202,80V	3,53	202,80	OR4,00X008,00V	4,00	8,00
OR3,53X085,32V	3,53	85,32	OR3,53X132,95E	3,53	132,95	OR3,53X209,14	3,53	209,14	OR4,00X009,00	4,00	9,00
OR3,53X088,49	3,53	88,49	OR3,53X132,95PTFE	3,53	132,95	OR3,53X209,14-90	3,53	209,14	OR4,00X010,00	4,00	10,00
OR3,53X088,49-90	3,53	88,49	OR3,53X132,95V	3,53	132,95	OR3,53X215,49	3,53	215,49	OR4,00X012,00	4,00	12,00
OR3,53X088,49E	3,53	88,49	OR3,53X136,12	3,53	136,12	OR3,53X215,49-90	3,53	215,49	OR4,00X013,00	4,00	13,00
OR3,53X088,49V	3,53	88,49	OR3,53X136,12-90	3,53	136,12	OR3,53X218,19	3,53	218,19	OR4,00X014,00	4,00	14,00
OR3,53X091,67	3,53	91,67	OR3,53X136,12V	3,53	136,12	OR3,53X221,84	3,53	221,84	OR4,00X015,00	4,00	15,00
OR3,53X091,67-90	3,53	91,67	OR3,53X139,00-90	3,53	139,00	OR3,53X221,84-90	3,53	221,84	OR4,00X016,00	4,00	16,00
OR3,53X091,67E	3,53	91,67	OR3,53X139,29	3,53	139,29	OR3,53X221,84V	3,53	221,84	OR4,00X016,00-90	4,00	16,00
OR3,53X091,67V	3,53	91,67	OR3,53X139,29-90	3,53	139,29	OR3,53X228,20	3,53	228,20	OR4,00X017,00	4,00	17,00
OR3,53X092,00-90	3,53	92,00	OR3,53X139,29E	3,53	139,29	OR3,53X228,20-90	3,53	228,20	OR4,00X017,00V	4,00	17,00
OR3,53X094,84	3,53	94,84	OR3,53X139,29V	3,53	139,29	OR3,53X228,20E	3,53	228,20	OR4,00X018,00	4,00	18,00
OR3,53X094,84-90	3,53	94,84	OR3,53X139,30PTFE	3,53	139,30	OR3,53X228,20V	3,53	228,20	OR4,00X018,00V	4,00	18,00

OR4,00X019,00	4,00	19,00	OR4,00X048,00-90	4,00	48,00	OR4,00X082,00-90	4,00	82,00	OR4,00X133,00-90	4,00	133,00
OR4,00X019,00V	4,00	19,00	OR4,00X048,00E	4,00	48,00	OR4,00X082,00V	4,00	82,00	OR4,00X134,00	4,00	134,00
OR4,00X020,00	4,00	20,00	OR4,00X048,00V	4,00	48,00	OR4,00X084,00	4,00	84,00	OR4,00X134,00V	4,00	134,00
OR4,00X020,00E	4,00	20,00	OR4,00X049,00	4,00	49,00	OR4,00X085,00	4,00	85,00	OR4,00X135,00	4,00	135,00
OR4,00X020,00V	4,00	20,00	OR4,00X049,00-90	4,00	49,00	OR4,00X085,00-90	4,00	85,00	OR4,00X136,00-90	4,00	136,00
OR4,00X021,00	4,00	21,00	OR4,00X050,00	4,00	50,00	OR4,00X085,00V	4,00	85,00	OR4,00X136,00V	4,00	136,00
OR4,00X022,00	4,00	22,00	OR4,00X050,00V	4,00	50,00	OR4,00X087,00	4,00	87,00	OR4,00X136,50	4,00	136,50
OR4,00X022,00V	4,00	22,00	OR4,00X051,00	4,00	51,00	OR4,00X088,00	4,00	88,00	OR4,00X140,00	4,00	140,00
OR4,00X023,00	4,00	23,00	OR4,00X053,00	4,00	53,00	OR4,00X088,00V	4,00	88,00	OR4,00X142,00	4,00	142,00
OR4,00X024,00	4,00	24,00	OR4,00X053,00-90	4,00	53,00	OR4,00X089,00	4,00	89,00	OR4,00X144,00V	4,00	144,00
OR4,00X025,00	4,00	25,00	OR4,00X054,00	4,00	54,00	OR4,00X090,00	4,00	90,00	OR4,00X145,00	4,00	145,00
OR4,00X025,00-90	4,00	25,00	OR4,00X055,00	4,00	55,00	OR4,00X090,00-90	4,00	90,00	OR4,00X145,00V	4,00	145,00
OR4,00X025,00S	4,00	25,00	OR4,00X056,00	4,00	56,00	OR4,00X090,00E	4,00	90,00	OR4,00X146,00	4,00	146,00
OR4,00X025,00V	4,00	25,00	OR4,00X057,00	4,00	57,00	OR4,00X090,00V	4,00	90,00	OR4,00X148,00E	4,00	148,00
OR4,00X026,00	4,00	26,00	OR4,00X057,00S	4,00	57,00	OR4,00X092,00	4,00	92,00	OR4,00X150,00	4,00	150,00
OR4,00X027,00	4,00	27,00	OR4,00X057,00V	4,00	57,00	OR4,00X092,00-90	4,00	92,00	OR4,00X150,00-90	4,00	150,00
OR4,00X027,00V	4,00	27,00	OR4,00X058,00	4,00	58,00	OR4,00X092,00E	4,00	92,00	OR4,00X150,00V	4,00	150,00
OR4,00X028,00	4,00	28,00	OR4,00X058,00-90	4,00	58,00	OR4,00X092,00V	4,00	92,00	OR4,00X155,00	4,00	155,00
OR4,00X028,00-90	4,00	28,00	OR4,00X058,00E	4,00	58,00	OR4,00X094,00-90	4,00	94,00	OR4,00X155,00E	4,00	155,00
OR4,00X028,00V	4,00	28,00	OR4,00X058,00V	4,00	58,00	OR4,00X095,00	4,00	95,00	OR4,00X156,00	4,00	156,00
OR4,00X029,00V	4,00	29,00	OR4,00X060,00	4,00	60,00	OR4,00X095,00E	4,00	95,00	OR4,00X159,00	4,00	159,00
OR4,00X030,00	4,00	30,00	OR4,00X060,00-90	4,00	60,00	OR4,00X096,00	4,00	96,00	OR4,00X160,00	4,00	160,00
OR4,00X030,00E	4,00	30,00	OR4,00X060,00V	4,00	60,00	OR4,00X098,00	4,00	98,00	OR4,00X160,00-90	4,00	160,00
OR4,00X031,00	4,00	31,00	OR4,00X061,00PTFE	4,00	61,00	OR4,00X100,00	4,00	100,00	OR4,00X160,00PTFE	4,00	160,00
OR4,00X031,50-90	4,00	31,50	OR4,00X062,00	4,00	62,00	OR4,00X100,00E	4,00	100,00	OR4,00X160,00V	4,00	160,00
OR4,00X032,00	4,00	32,00	OR4,00X062,00E	4,00	62,00	OR4,00X100,00V	4,00	100,00	OR4,00X165,00	4,00	165,00
OR4,00X032,00E	4,00	32,00	OR4,00X062,00V	4,00	62,00	OR4,00X102,00	4,00	102,00	OR4,00X165,00V	4,00	165,00
OR4,00X032,00S	4,00	32,00	OR4,00X063,00	4,00	63,00	OR4,00X102,00V	4,00	102,00	OR4,00X168,00	4,00	168,00
OR4,00X032,00V	4,00	32,00	OR4,00X063,00-90	4,00	63,00	OR4,00X103,50	4,00	103,50	OR4,00X170,00	4,00	170,00
OR4,00X033,00	4,00	33,00	OR4,00X063,00V	4,00	63,00	OR4,00X105,00	4,00	105,00	OR4,00X170,00-90	4,00	170,00
OR4,00X033,50	4,00	33,50	OR4,00X064,00	4,00	64,00	OR4,00X105,00-90	4,00	105,00	OR4,00X172,00	4,00	172,00
OR4,00X034,00	4,00	34,00	OR4,00X065,00	4,00	65,00	OR4,00X108,00	4,00	108,00	OR4,00X172,00-90	4,00	172,00
OR4,00X034,00V	4,00	34,00	OR4,00X065,00-90	4,00	65,00	OR4,00X109,00	4,00	109,00	OR4,00X172,00V	4,00	172,00
OR4,00X035,00	4,00	35,00	OR4,00X065,00E	4,00	65,00	OR4,00X110,00	4,00	110,00	OR4,00X175,00	4,00	175,00
OR4,00X035,00V	4,00	35,00	OR4,00X065,00V	4,00	65,00	OR4,00X110,00-90	4,00	110,00	OR4,00X175,00-90	4,00	175,00
OR4,00X036,00	4,00	36,00	OR4,00X066,00	4,00	66,00	OR4,00X112,00	4,00	112,00	OR4,00X180,00	4,00	180,00
OR4,00X036,00-90	4,00	36,00	OR4,00X066,00-90	4,00	66,00	OR4,00X112,00-90	4,00	112,00	OR4,00X180,00-90	4,00	180,00
OR4,00X036,00V	4,00	36,00	OR4,00X067,00	4,00	67,00	OR4,00X112,00V	4,00	112,00	OR4,00X180,00V	4,00	180,00
OR4,00X038,00	4,00	38,00	OR4,00X067,00-90	4,00	67,00	OR4,00X115,00	4,00	115,00	OR4,00X182,00	4,00	182,00
OR4,00X038,00V	4,00	38,00	OR4,00X068,00	4,00	68,00	OR4,00X115,00-90	4,00	115,00	OR4,00X185,00	4,00	185,00
OR4,00X040,00	4,00	40,00	OR4,00X070,00	4,00	70,00	OR4,00X115,00V	4,00	115,00	OR4,00X185,00S	4,00	185,00
OR4,00X040,00-90	4,00	40,00	OR4,00X070,00-90	4,00	70,00	OR4,00X117,00	4,00	117,00	OR4,00X188,00	4,00	188,00
OR4,00X040,00E	4,00	40,00	OR4,00X070,00V	4,00	70,00	OR4,00X117,00-90	4,00	117,00	OR4,00X190,00	4,00	190,00
OR4,00X042,00	4,00	42,00	OR4,00X071,00	4,00	71,00	OR4,00X117,00V	4,00	117,00	OR4,00X190,00-90	4,00	190,00
OR4,00X042,00E	4,00	42,00	OR4,00X072,00	4,00	72,00	OR4,00X118,00	4,00	118,00	OR4,00X190,00V	4,00	190,00
OR4,00X042,00S	4,00	42,00	OR4,00X072,00-90	4,00	72,00	OR4,00X118,00-90	4,00	118,00	OR4,00X192,00	4,00	192,00
OR4,00X042,00V	4,00	42,00	OR4,00X072,00E	4,00	72,00	OR4,00X120,00	4,00	120,00	OR4,00X192,00V	4,00	192,00
OR4,00X043,00V	4,00	43,00	OR4,00X073,00V	4,00	73,00	OR4,00X120,00V	4,00	120,00	OR4,00X195,00	4,00	195,00
OR4,00X044,00	4,00	44,00	OR4,00X074,00	4,00	74,00	OR4,00X122,00	4,00	122,00	OR4,00X195,00-90	4,00	195,00
OR4,00X045,00	4,00	45,00	OR4,00X074,00E	4,00	74,00	OR4,00X122,00V	4,00	122,00	OR4,00X198,00E	4,00	198,00
OR4,00X045,00-90	4,00	45,00	OR4,00X075,00	4,00	75,00	OR4,00X123,50	4,00	123,50	OR4,00X200,00	4,00	200,00
OR4,00X045,00V	4,00	45,00	OR4,00X076,00	4,00	76,00	OR4,00X124,00	4,00	124,00	OR4,00X200,00-90	4,00	200,00
OR4,00X046,00	4,00	46,00	OR4,00X076,00V	4,00	76,00	OR4,00X125,00-90	4,00	125,00	OR4,00X200,00E	4,00	200,00
OR4,00X046,00E	4,00	46,00	OR4,00X078,00	4,00	78,00	OR4,00X125,00V	4,00	125,00	OR4,00X200,00V	4,00	200,00
OR4,00X046,00V	4,00	46,00	OR4,00X078,00-90	4,00	78,00	OR4,00X126,00	4,00	126,00	OR4,00X202,00	4,00	202,00
OR4,00X047,00	4,00	47,00	OR4,00X078,00V	4,00	78,00	OR4,00X126,00-90	4,00	126,00	OR4,00X204,00	4,00	204,00
OR4,00X047,00-90	4,00	47,00	OR4,00X080,00	4,00	80,00	OR4,00X130,00	4,00	130,00	OR4,00X205,00	4,00	205,00
OR4,00X047,00E	4,00	47,00	OR4,00X080,00-90	4,00	80,00	OR4,00X130,00-90	4,00	130,00	OR4,00X208,00	4,00	208,00
OR4,00X047,00V	4,00	47,00	OR4,00X080,00V	4,00	80,00	OR4,00X130,00V	4,00	130,00	OR4,00X210,00	4,00	210,00
OR4,00X048,00	4,00	48,00	OR4,00X082,00	4,00	82,00	OR4,00X132,00	4,00	132,00	OR4,00X215,00	4,00	215,00

OR4,00X220,00	4,00	220,00	OR4,50X035,00	4,50	35,00	OR5,00X033,00E	5,00	33,00	OR5,00X075,00	5,00	75,00
OR4,00X220,00E	4,00	220,00	OR4,50X036,00	4,50	36,00	OR5,00X034,00	5,00	34,00	OR5,00X075,00S	5,00	75,00
OR4,00X220,00V	4,00	220,00	OR4,50X038,00	4,50	38,00	OR5,00X035,00	5,00	35,00	OR5,00X075,00V	5,00	75,00
OR4,00X227,00	4,00	227,00	OR4,50X040,00V	4,50	40,00	OR5,00X035,00-90	5,00	35,00	OR5,00X078,00	5,00	78,00
OR4,00X228,00	4,00	228,00	OR4,50X042,00	4,50	42,00	OR5,00X035,00E	5,00	35,00	OR5,00X080,00	5,00	80,00
OR4,00X228,00V	4,00	228,00	OR4,50X049,00	4,50	49,00	OR5,00X036,00	5,00	36,00	OR5,00X080,00-90	5,00	80,00
OR4,00X230,00	4,00	230,00	OR4,50X050,00V	4,50	50,00	OR5,00X038,00	5,00	38,00	OR5,00X080,00PU	5,00	80,00
OR4,00X230,00PTFE	4,00	230,00	OR4,50X060,00	4,50	60,00	OR5,00X038,00E	5,00	38,00	OR5,00X080,00V	5,00	80,00
OR4,00X235,00	4,00	235,00	OR4,50X073,00	4,50	73,00	OR5,00X038,00V	5,00	38,00	OR5,00X082,00	5,00	82,00
OR4,00X238,00	4,00	238,00	OR4,50X073,00E	4,50	73,00	OR5,00X040,00	5,00	40,00	OR5,00X085,00	5,00	85,00
OR4,00X250,00	4,00	250,00	OR4,50X074,00	4,50	74,00	OR5,00X040,00-90	5,00	40,00	OR5,00X085,00E	5,00	85,00
OR4,00X250,00E	4,00	250,00	OR4,50X080,00	4,50	80,00	OR5,00X040,00V	5,00	40,00	OR5,00X085,00PTFE	5,00	85,00
OR4,00X252,00	4,00	252,00	OR4,50X085,00	4,50	85,00	OR5,00X041,00	5,00	41,00	OR5,00X085,00V	5,00	85,00
OR4,00X255,00	4,00	255,00	OR4,50X110,00	4,50	110,00	OR5,00X041,00E	5,00	41,00	OR5,00X086,00V	5,00	86,00
OR4,00X255,00S	4,00	255,00	OR4,50X115,00	4,50	115,00	OR5,00X041,00V	5,00	41,00	OR5,00X087,00	5,00	87,00
OR4,00X260,00	4,00	260,00	OR4,50X135,00	4,50	135,00	OR5,00X042,00	5,00	42,00	OR5,00X087,00V	5,00	87,00
OR4,00X265,00	4,00	265,00	OR4,50X139,50	4,50	139,50	OR5,00X042,00-90	5,00	42,00	OR5,00X088,00	5,00	88,00
OR4,00X270,00	4,00	270,00	OR4,50X141,00	4,50	141,00	OR5,00X042,00E	5,00	42,00	OR5,00X088,00S	5,00	88,00
OR4,00X275,00	4,00	275,00	OR4,50X185,00	4,50	185,00	OR5,00X042,00S	5,00	42,00	OR5,00X088,00V	5,00	88,00
OR4,00X280,00	4,00	280,00	OR4,50X189,50	4,50	189,50	OR5,00X042,00S	5,00	42,00	OR5,00X090,00	5,00	90,00
OR4,00X285,00	4,00	285,00	OR4,50X208,00	4,50	208,00	OR5,00X043,00	5,00	43,00	OR5,00X090,00-90	5,00	90,00
OR4,00X290,00	4,00	290,00	OR4,50X215,00	4,50	215,00	OR5,00X044,00	5,00	44,00	OR5,00X090,00PU	5,00	90,00
OR4,00X300,00V	4,00	300,00	OR4,50X220,00E	4,50	220,00	OR5,00X045,00	5,00	45,00	OR5,00X092,00	5,00	92,00
OR4,00X305,00	4,00	305,00	OR4,50X227,00	4,50	227,00	OR5,00X045,00-90	5,00	45,00	OR5,00X093,00	5,00	93,00
OR4,00X306,00	4,00	306,00	OR4,50X293,00V	4,50	293,00	OR5,00X045,00V	5,00	45,00	OR5,00X094,00	5,00	94,00
OR4,00X312,00	4,00	312,00	OR5,00X007,00	5,00	7,00	OR5,00X048,00	5,00	48,00	OR5,00X095,00	5,00	95,00
OR4,00X315,00	4,00	315,00	OR5,00X008,00	5,00	8,00	OR5,00X048,00E	5,00	48,00	OR5,00X097,00	5,00	97,00
OR4,00X317,00	4,00	317,00	OR5,00X010,00	5,00	10,00	OR5,00X048,00V	5,00	48,00	OR5,00X100,00	5,00	100,00
OR4,00X320,00	4,00	320,00	OR5,00X013,00	5,00	13,00	OR5,00X050,00	5,00	50,00	OR5,00X100,00-90	5,00	100,00
OR4,00X321,00	4,00	321,00	OR5,00X014,00	5,00	14,00	OR5,00X050,00-90	5,00	50,00	OR5,00X100,00E	5,00	100,00
OR4,00X325,00	4,00	325,00	OR5,00X015,00	5,00	15,00	OR5,00X050,00V	5,00	50,00	OR5,00X100,00V	5,00	100,00
OR4,00X326,00-90	4,00	326,00	OR5,00X015,00V	5,00	15,00	OR5,00X051,00V	5,00	51,00	OR5,00X102,00E	5,00	102,00
OR4,00X329,00	4,00	329,00	OR5,00X016,00	5,00	16,00	OR5,00X052,00	5,00	52,00	OR5,00X103,00	5,00	103,00
OR4,00X330,00	4,00	330,00	OR5,00X016,00V	5,00	16,00	OR5,00X053,00	5,00	53,00	OR5,00X105,00	5,00	105,00
OR4,00X332,00	4,00	332,00	OR5,00X017,00	5,00	17,00	OR5,00X054,00	5,00	54,00	OR5,00X105,00-90	5,00	105,00
OR4,00X340,00	4,00	340,00	OR5,00X018,00	5,00	18,00	OR5,00X054,00E	5,00	54,00	OR5,00X105,00E	5,00	105,00
OR4,00X350,00V	4,00	350,00	OR5,00X018,00V	5,00	18,00	OR5,00X054,00V	5,00	54,00	OR5,00X105,00V	5,00	105,00
OR4,00X355,00	4,00	355,00	OR5,00X019,00	5,00	19,00	OR5,00X055,00	5,00	55,00	OR5,00X107,00	5,00	107,00
OR4,00X380,00	4,00	380,00	OR5,00X020,00	5,00	20,00	OR5,00X055,00-90	5,00	55,00	OR5,00X108,00	5,00	108,00
OR4,00X390,00	4,00	390,00	OR5,00X022,00	5,00	22,00	OR5,00X056,00	5,00	56,00	OR5,00X108,00V	5,00	108,00
OR4,00X400,00	4,00	400,00	OR5,00X023,00	5,00	23,00	OR5,00X057,00	5,00	57,00	OR5,00X110,00	5,00	110,00
OR4,00X410,00	4,00	410,00	OR5,00X024,00-90	5,00	24,00	OR5,00X058,00	5,00	58,00	OR5,00X110,00-90	5,00	110,00
OR4,00X413,00	4,00	413,00	OR5,00X025,00	5,00	25,00	OR5,00X058,00V	5,00	58,00	OR5,00X112,00	5,00	112,00
OR4,00X435,00	4,00	435,00	OR5,00X025,00E	5,00	25,00	OR5,00X060,00	5,00	60,00	OR5,00X112,00-90	5,00	112,00
OR4,00X450,00	4,00	450,00	OR5,00X025,00V	5,00	25,00	OR5,00X060,00PU	5,00	60,00	OR5,00X112,00V	5,00	112,00
OR4,00X470,00	4,00	470,00	OR5,00X026,00	5,00	26,00	OR5,00X060,00V	5,00	60,00	OR5,00X115,00	5,00	115,00
OR4,00X470,00V	4,00	470,00	OR5,00X026,00E	5,00	26,00	OR5,00X062,00	5,00	62,00	OR5,00X115,00-90	5,00	115,00
OR4,00X475,00	4,00	475,00	OR5,00X027,00	5,00	27,00	OR5,00X062,00V	5,00	62,00	OR5,00X115,00E	5,00	115,00
OR4,00X480,00	4,00	480,00	OR5,00X028,00	5,00	28,00	OR5,00X064,00	5,00	64,00	OR5,00X115,00V	5,00	115,00
OR4,00X485,00	4,00	485,00	OR5,00X028,00E	5,00	28,00	OR5,00X065,00	5,00	65,00	OR5,00X117,00	5,00	117,00
OR4,00X585,00	4,00	585,00	OR5,00X028,00V	5,00	28,00	OR5,00X065,00PU	5,00	65,00	OR5,00X117,00V	5,00	117,00
OR4,00X690,00	4,00	690,00	OR5,00X030,00	5,00	30,00	OR5,00X065,00V	5,00	65,00	OR5,00X118,00V	5,00	118,00
OR4,00X690,00V	4,00	690,00	OR5,00X030,00E	5,00	30,00	OR5,00X068,00	5,00	68,00	OR5,00X120,00	5,00	120,00
OR4,00X812,00	4,00	812,00	OR5,00X030,00S	5,00	30,00	OR5,00X070,00	5,00	70,00	OR5,00X120,00-90	5,00	120,00
OR4,30X096,00V	4,30	96,00	OR5,00X030,00V	5,00	30,00	OR5,00X070,00-90	5,00	70,00	OR5,00X120,00V	5,00	120,00
OR4,50X009,50	4,50	9,50	OR5,00X032,00	5,00	32,00	OR5,00X070,00PU	5,00	70,00	OR5,00X123,00V	5,00	123,00
OR4,50X020,00	4,50	20,00	OR5,00X032,00-90	5,00	32,00	OR5,00X070,00V	5,00	70,00	OR5,00X124,00	5,00	124,00
OR4,50X021,50	4,50	21,50	OR5,00X032,00E	5,00	32,00	OR5,00X071,00	5,00	71,00	OR5,00X125,00	5,00	125,00
OR4,50X026,00	4,50	26,00	OR5,00X032,00V	5,00	32,00	OR5,00X072,00V	5,00	72,00	OR5,00X125,00-90	5,00	125,00
OR4,50X031,00	4,50	31,00	OR5,00X033,00	5,00	33,00	OR5,00X073,00	5,00	73,00	OR5,00X125,00V	5,00	125,00

OR5,00X130,00	5,00	130,00	OR5,00X250,00	5,00	250,00	OR5,30X018,50S	5,30	18,50	OR5,33X059,69-90	5,33	59,69
OR5,00X132,00	5,00	132,00	OR5,00X250,00V	5,00	250,00	OR5,30X038,00V	5,30	38,00	OR5,33X059,69V	5,33	59,69
OR5,00X135,00	5,00	135,00	OR5,00X253,57	5,00	253,57	OR5,30X160,00V	5,30	160,00	OR5,33X062,87	5,33	62,87
OR5,00X138,00	5,00	138,00	OR5,00X255,00	5,00	255,00	OR5,33X010,46-90	5,33	10,46	OR5,33X062,87-90	5,33	62,87
OR5,00X140,00	5,00	140,00	OR5,00X258,00	5,00	258,00	OR5,33X012,07-90	5,33	12,07	OR5,33X062,87V	5,33	62,87
OR5,00X140,00-90	5,00	140,00	OR5,00X260,00	5,00	260,00	OR5,33X013,64	5,33	13,64	OR5,33X066,00	5,33	66,00
OR5,00X145,00	5,00	145,00	OR5,00X262,00	5,00	262,00	OR5,33X013,64-90	5,33	13,64	OR5,33X066,04V	5,33	66,04
OR5,00X148,00	5,00	148,00	OR5,00X263,00	5,00	263,00	OR5,33X015,24-90	5,33	15,24	OR5,33X069,22	5,33	69,22
OR5,00X148,00-90	5,00	148,00	OR5,00X265,00	5,00	265,00	OR5,33X015,24V	5,33	15,24	OR5,33X069,22-90	5,33	69,22
OR5,00X150,00	5,00	150,00	OR5,00X265,00E	5,00	265,00	OR5,33X016,81-90	5,33	16,81	OR5,33X069,22PTFE	5,33	69,22
OR5,00X150,00-90	5,00	150,00	OR5,00X270,00	5,00	270,00	OR5,33X016,81V	5,33	16,81	OR5,33X069,22V	5,33	69,22
OR5,00X150,00E	5,00	150,00	OR5,00X270,00V	5,00	270,00	OR5,33X018,42-90	5,33	18,42	OR5,33X072,39	5,33	72,39
OR5,00X150,00PTFE	5,00	150,00	OR5,00X272,00	5,00	272,00	OR5,33X019,99	5,33	19,99	OR5,33X072,39-90	5,33	72,39
OR5,00X150,00V	5,00	150,00	OR5,00X275,00	5,00	275,00	OR5,33X019,99-90	5,33	19,99	OR5,33X072,39V	5,33	72,39
OR5,00X152,00V	5,00	152,00	OR5,00X280,00	5,00	280,00	OR5,33X021,59-90	5,33	21,59	OR5,33X074,63	5,33	74,63
OR5,00X155,00	5,00	155,00	OR5,00X280,00-90	5,00	280,00	OR5,33X023,17-90	5,33	23,17	OR5,33X074,63-90	5,33	74,63
OR5,00X155,00E	5,00	155,00	OR5,00X280,00V	5,00	280,00	OR5,33X024,77	5,33	24,77	OR5,33X075,57	5,33	75,57
OR5,00X155,00V	5,00	155,00	OR5,00X285,00	5,00	285,00	OR5,33X024,77-90	5,33	24,77	OR5,33X075,57E	5,33	75,57
OR5,00X160,00	5,00	160,00	OR5,00X285,00-90	5,00	285,00	OR5,33X024,77V	5,33	24,77	OR5,33X075,57V	5,33	75,57
OR5,00X162,00	5,00	162,00	OR5,00X289,00V	5,00	289,00	OR5,33X026,34	5,33	26,34	OR5,33X078,74	5,33	78,74
OR5,00X165,00	5,00	165,00	OR5,00X290,00	5,00	290,00	OR5,33X026,34-90	5,33	26,34	OR5,33X078,74-90	5,33	78,74
OR5,00X165,00V	5,00	165,00	OR5,00X295,00V	5,00	295,00	OR5,33X027,93-90	5,33	27,93	OR5,33X078,74V	5,33	78,74
OR5,00X170,00	5,00	170,00	OR5,00X305,00	5,00	305,00	OR5,33X029,52	5,33	29,52	OR5,33X079,77	5,33	79,77
OR5,00X170,00-90	5,00	170,00	OR5,00X310,00	5,00	310,00	OR5,33X029,52-90	5,33	29,52	OR5,33X079,77V	5,33	79,77
OR5,00X170,00E	5,00	170,00	OR5,00X315,00	5,00	315,00	OR5,33X029,52V	5,33	29,52	OR5,33X081,92	5,33	81,92
OR5,00X170,00V	5,00	170,00	OR5,00X320,00	5,00	320,00	OR5,33X031,12-90	5,33	31,12	OR5,33X081,92-90	5,33	81,92
OR5,00X175,00	5,00	175,00	OR5,00X320,00V	5,00	320,00	OR5,33X032,69	5,33	32,69	OR5,33X081,92V	5,33	81,92
OR5,00X175,00S	5,00	175,00	OR5,00X325,00	5,00	325,00	OR5,33X032,69V	5,33	32,69	OR5,33X085,09	5,33	85,09
OR5,00X176,00	5,00	176,00	OR5,00X330,00	5,00	330,00	OR5,33X034,29	5,33	34,29	OR5,33X085,09-90	5,33	85,09
OR5,00X180,00	5,00	180,00	OR5,00X340,00	5,00	340,00	OR5,33X034,29V	5,33	34,29	OR5,33X085,09E	5,33	85,09
OR5,00X180,00-90	5,00	180,00	OR5,00X340,00-90	5,00	340,00	OR5,33X035,40-90	5,33	35,40	OR5,33X085,09V	5,33	85,09
OR5,00X180,00V	5,00	180,00	OR5,00X345,00	5,00	345,00	OR5,33X037,46E	5,33	37,46	OR5,33X088,27	5,33	88,27
OR5,00X185,00	5,00	185,00	OR5,00X355,00	5,00	355,00	OR5,33X037,47	5,33	37,47	OR5,33X088,27V	5,33	88,27
OR5,00X185,00-90	5,00	185,00	OR5,00X360,00V	5,00	360,00	OR5,33X037,47-90	5,33	37,47	OR5,33X089,69	5,33	89,69
OR5,00X189,00	5,00	189,00	OR5,00X370,00	5,00	370,00	OR5,33X037,47V	5,33	37,47	OR5,33X089,69-90	5,33	89,69
OR5,00X190,00	5,00	190,00	OR5,00X376,00	5,00	376,00	OR5,33X040,65	5,33	40,65	OR5,33X089,69V	5,33	89,69
OR5,00X190,00-90	5,00	190,00	OR5,00X377,00	5,00	377,00	OR5,33X040,65-90	5,33	40,65	OR5,33X091,44	5,33	91,44
OR5,00X190,00V	5,00	190,00	OR5,00X390,00	5,00	390,00	OR5,33X040,65V	5,33	40,65	OR5,33X091,44-90	5,33	91,44
OR5,00X195,00	5,00	195,00	OR5,00X400,00	5,00	400,00	OR5,33X043,82	5,33	43,82	OR5,33X091,44V	5,33	91,44
OR5,00X196,00	5,00	196,00	OR5,00X407,00-90	5,00	407,00	OR5,33X043,82-90	5,33	43,82	OR5,33X094,60V	5,33	94,60
OR5,00X200,00	5,00	200,00	OR5,00X410,00	5,00	410,00	OR5,33X043,82E	5,33	43,82	OR5,33X094,62	5,33	94,62
OR5,00X200,00E	5,00	200,00	OR5,00X424,00	5,00	424,00	OR5,33X043,82V	5,33	43,82	OR5,33X094,62-90	5,33	94,62
OR5,00X200,00V	5,00	200,00	OR5,00X430,00	5,00	430,00	OR5,33X045,00	5,33	45,00	OR5,33X094,62V	5,33	94,62
OR5,00X204,00	5,00	204,00	OR5,00X432,00	5,00	432,00	OR5,33X047,00	5,33	47,00	OR5,33X097,79	5,33	97,79
OR5,00X205,00	5,00	205,00	OR5,00X435,00V	5,00	435,00	OR5,33X047,00E	5,33	47,00	OR5,33X097,79-90	5,33	97,79
OR5,00X205,00V	5,00	205,00	OR5,00X440,00	5,00	440,00	OR5,33X047,00V	5,33	47,00	OR5,33X097,79V	5,33	97,79
OR5,00X210,00	5,00	210,00	OR5,00X445,00	5,00	445,00	OR5,33X050,16	5,33	50,16	OR5,33X100,97	5,33	100,97
OR5,00X215,00	5,00	215,00	OR5,00X472,00	5,00	472,00	OR5,33X050,16-90	5,33	50,16	OR5,33X100,97-90	5,33	100,97
OR5,00X220,00	5,00	220,00	OR5,00X480,00-90	5,00	480,00	OR5,33X050,16V	5,33	50,16	OR5,33X100,97V	5,33	100,97
OR5,00X220,00-90	5,00	220,00	OR5,00X485,00	5,00	485,00	OR5,33X053,33E	5,33	53,33	OR5,33X101,00E	5,33	101,00
OR5,00X225,00	5,00	225,00	OR5,00X500,00-90	5,00	500,00	OR5,33X053,34	5,33	53,34	OR5,33X104,14	5,33	104,14
OR5,00X230,00	5,00	230,00	OR5,00X500,00V	5,00	500,00	OR5,33X053,34-90	5,33	53,34	OR5,33X104,14-90	5,33	104,14
OR5,00X230,00-90	5,00	230,00	OR5,00X510,00	5,00	510,00	OR5,33X053,34V	5,33	53,34	OR5,33X104,14V	5,33	104,14
OR5,00X230,00V	5,00	230,00	OR5,00X515,00V	5,00	515,00	OR5,33X056,50E	5,33	56,50	OR5,33X107,32	5,33	107,32
OR5,00X235,00	5,00	235,00	OR5,00X530,00V	5,00	530,00	OR5,33X056,52	5,33	56,52	OR5,33X107,32-90	5,33	107,32
OR5,00X238,00V	5,00	238,00	OR5,00X560,00	5,00	560,00	OR5,33X056,52-90	5,33	56,52	OR5,33X107,32V	5,33	107,32
OR5,00X240,00	5,00	240,00	OR5,00X570,00E	5,00	570,00	OR5,33X056,52V	5,33	56,52	OR5,33X109,50	5,33	109,50
OR5,00X242,00	5,00	242,00	OR5,00X580,00V	5,00	580,00	OR5,33X058,00	5,33	58,00	OR5,33X110,49	5,33	110,49
OR5,00X245,00	5,00	245,00	OR5,00X632,00	5,00	632,00	OR5,33X058,97	5,33	58,97	OR5,33X110,49-90	5,33	110,49
OR5,00X248,00	5,00	248,00	OR5,00X810,00	5,00	810,00	OR5,33X059,69	5,33	59,69	OR5,33X110,49V	5,33	110,49

OR5,33X113,67	5,33	113,67	OR5,33X202,57	5,33	202,57	OR5,70X037,20-90	5,70	37,20	OR5,70X079,20S	5,70	79,20
OR5,33X113,67-90	5,33	113,67	OR5,33X202,57E	5,33	202,57	OR5,70X039,20	5,70	39,20	OR5,70X079,20V	5,70	79,20
OR5,33X113,67E	5,33	113,67	OR5,33X208,92	5,33	208,92	OR5,70X039,20-90	5,70	39,20	OR5,70X081,20	5,70	81,20
OR5,33X113,67V	5,33	113,67	OR5,33X208,92-90	5,33	208,92	OR5,70X039,20V	5,70	39,20	OR5,70X081,20-90	5,70	81,20
OR5,33X116,84	5,33	116,84	OR5,33X208,92E	5,33	208,92	OR5,70X041,20	5,70	41,20	OR5,70X082,20	5,70	82,20
OR5,33X116,84V	5,33	116,84	OR5,33X208,92V	5,33	208,92	OR5,70X041,20E	5,70	41,20	OR5,70X082,20-90	5,70	82,20
OR5,33X117,48V	5,33	117,48	OR5,33X215,27	5,33	215,27	OR5,70X041,20V	5,70	41,20	OR5,70X084,20	5,70	84,20
OR5,33X117,50	5,33	117,50	OR5,33X221,62	5,33	221,62	OR5,70X044,20	5,70	44,20	OR5,70X084,20-90	5,70	84,20
OR5,33X120,02	5,33	120,02	OR5,33X227,97	5,33	227,97	OR5,70X044,20-90	5,70	44,20	OR5,70X084,20S	5,70	84,20
OR5,33X120,02-90	5,33	120,02	OR5,33X227,97V	5,33	227,97	OR5,70X044,20V	5,70	44,20	OR5,70X084,20V	5,70	84,20
OR5,33X120,02E	5,33	120,02	OR5,33X234,32	5,33	234,32	OR5,70X047,20	5,70	47,20	OR5,70X087,20	5,70	87,20
OR5,33X120,74	5,33	120,74	OR5,33X234,32V	5,33	234,32	OR5,70X047,20V	5,70	47,20	OR5,70X087,20-90	5,70	87,20
OR5,33X123,19	5,33	123,19	OR5,33X240,67	5,33	240,67	OR5,70X049,20	5,70	49,20	OR5,70X087,20E	5,70	87,20
OR5,33X123,19-90	5,33	123,19	OR5,33X240,67E	5,33	240,67	OR5,70X049,20-90	5,70	49,20	OR5,70X087,20V	5,70	87,20
OR5,33X123,80	5,33	123,80	OR5,33X240,67V	5,33	240,67	OR5,70X049,20E	5,70	49,20	OR5,70X089,20	5,70	89,20
OR5,33X126,37	5,33	126,37	OR5,33X247,02V	5,33	247,02	OR5,70X049,20V	5,70	49,20	OR5,70X089,20-90	5,70	89,20
OR5,33X126,37-90	5,33	126,37	OR5,33X253,37	5,33	253,37	OR5,70X051,20	5,70	51,20	OR5,70X089,20E	5,70	89,20
OR5,33X126,37V	5,33	126,37	OR5,33X253,37E	5,33	253,37	OR5,70X051,20-90	5,70	51,20	OR5,70X089,20S	5,70	89,20
OR5,33X129,54	5,33	129,54	OR5,33X253,57V	5,33	253,57	OR5,70X052,20	5,70	52,20	OR5,70X089,20V	5,70	89,20
OR5,33X129,54-90	5,33	129,54	OR5,33X258,00	5,33	258,00	OR5,70X052,20-90	5,70	52,20	OR5,70X091,20V	5,70	91,20
OR5,33X129,54V	5,33	129,54	OR5,33X266,07	5,33	266,07	OR5,70X054,20	5,70	54,20	OR5,70X092,20	5,70	92,20
OR5,33X130,18	5,33	130,18	OR5,33X266,07-90	5,33	266,07	OR5,70X054,20-90	5,70	54,20	OR5,70X092,20-90	5,70	92,20
OR5,33X130,18-90	5,33	130,18	OR5,33X266,07V	5,33	266,07	OR5,70X054,20S	5,70	54,20	OR5,70X094,20	5,70	94,20
OR5,33X130,18V	5,33	130,18	OR5,33X278,77	5,33	278,77	OR5,70X054,20V	5,70	54,20	OR5,70X094,20-90	5,70	94,20
OR5,33X132,72	5,33	132,72	OR5,33X278,77V	5,33	278,77	OR5,70X057,20	5,70	57,20	OR5,70X094,20V	5,70	94,20
OR5,33X132,72E	5,33	132,72	OR5,33X290,00	5,33	290,00	OR5,70X057,20E	5,70	57,20	OR5,70X097,20	5,70	97,20
OR5,33X132,72V	5,33	132,72	OR5,33X291,47	5,33	291,47	OR5,70X057,20S	5,70	57,20	OR5,70X097,20-90	5,70	97,20
OR5,33X135,89V	5,33	135,89	OR5,33X304,17	5,33	304,17	OR5,70X057,20V	5,70	57,20	OR5,70X097,20V	5,70	97,20
OR5,33X135,90	5,33	135,90	OR5,33X304,17V	5,33	304,17	OR5,70X059,20	5,70	59,20	OR5,70X099,20	5,70	99,20
OR5,33X135,90-90	5,33	135,90	OR5,33X325,00	5,33	325,00	OR5,70X059,20-90	5,70	59,20	OR5,70X099,20-90	5,70	99,20
OR5,33X136,53	5,33	136,53	OR5,33X325,00V	5,33	325,00	OR5,70X059,20E	5,70	59,20	OR5,70X099,20V	5,70	99,20
OR5,33X136,53V	5,33	136,53	OR5,33X329,57	5,33	329,57	OR5,70X059,20V	5,70	59,20	OR5,70X101,20	5,70	101,20
OR5,33X139,06	5,33	139,06	OR5,33X329,57H	5,33	329,57	OR5,70X061,20	5,70	61,20	OR5,70X104,20	5,70	104,20
OR5,33X139,06-90	5,33	139,06	OR5,33X329,57V	5,33	329,57	OR5,70X061,20-90	5,70	61,20	OR5,70X104,20-90	5,70	104,20
OR5,33X142,24	5,33	142,24	OR5,33X342,00	5,33	342,00	OR5,70X062,20	5,70	62,20	OR5,70X104,20E	5,70	104,20
OR5,33X142,24V	5,33	142,24	OR5,33X354,97	5,33	354,97	OR5,70X062,20-90	5,70	62,20	OR5,70X104,20V	5,70	104,20
OR5,33X145,41	5,33	145,41	OR5,33X354,97-90	5,33	354,97	OR5,70X062,20E	5,70	62,20	OR5,70X109,20	5,70	109,20
OR5,33X145,41V	5,33	145,41	OR5,33X354,97S	5,33	354,97	OR5,70X062,20V	5,70	62,20	OR5,70X109,20-90	5,70	109,20
OR5,33X146,05	5,33	146,05	OR5,33X368,30	5,33	368,30	OR5,70X064,20	5,70	64,20	OR5,70X109,20V	5,70	109,20
OR5,33X148,60	5,33	148,60	OR5,33X380,37	5,33	380,37	OR5,70X064,20-90	5,70	64,20	OR5,70X111,60V	5,70	111,60
OR5,33X148,60V	5,33	148,60	OR5,33X389,00	5,33	389,00	OR5,70X064,20E	5,70	64,20	OR5,70X114,20	5,70	114,20
OR5,33X151,77	5,33	151,77	OR5,33X399,42	5,33	399,42	OR5,70X064,20V	5,70	64,20	OR5,70X114,20-90	5,70	114,20
OR5,33X151,77-90	5,33	151,77	OR5,33X399,42V	5,33	399,42	OR5,70X067,20	5,70	67,20	OR5,70X114,20E	5,70	114,20
OR5,33X158,12	5,33	158,12	OR5,33X405,26	5,33	405,26	OR5,70X067,20E	5,70	67,20	OR5,70X114,20V	5,70	114,20
OR5,33X164,47	5,33	164,47	OR5,33X430,66	5,33	430,66	OR5,70X067,20V	5,70	67,20	OR5,70X119,30	5,70	119,30
OR5,33X164,47-90	5,33	164,47	OR5,33X430,66S	5,33	430,66	OR5,70X069,20	5,70	69,20	OR5,70X119,30-90	5,70	119,30
OR5,33X164,47V	5,33	164,47	OR5,33X439,34	5,33	439,34	OR5,70X069,20-90	5,70	69,20	OR5,70X119,30V	5,70	119,30
OR5,33X167,70	5,33	167,70	OR5,33X456,06	5,33	456,06	OR5,70X069,20V	5,70	69,20	OR5,70X124,30	5,70	124,30
OR5,33X170,82	5,33	170,82	OR5,33X532,18	5,33	532,18	OR5,70X071,20	5,70	71,20	OR5,70X124,30-90	5,70	124,30
OR5,33X170,82-90	5,33	170,82	OR5,33X570,00V	5,33	570,00	OR5,70X072,20	5,70	72,20	OR5,70X124,30E	5,70	124,30
OR5,33X177,17	5,33	177,17	OR5,33X582,68V	5,33	582,68	OR5,70X074,20	5,70	74,20	OR5,70X124,30V	5,70	124,30
OR5,33X177,17-90	5,33	177,17	OR5,33X597,03V	5,33	597,03	OR5,70X074,20-90	5,70	74,20	OR5,70X129,30	5,70	129,30
OR5,33X183,52	5,33	183,52	OR5,33X658,00V	5,33	658,00	OR5,70X074,20E	5,70	74,20	OR5,70X129,30-90	5,70	129,30
OR5,33X183,52V	5,33	183,52	OR5,50X048,00V	5,50	48,00	OR5,70X074,20V	5,70	74,20	OR5,70X129,30S	5,70	129,30
OR5,33X189,87	5,33	189,87	OR5,50X090,00	5,50	90,00	OR5,70X077,20	5,70	77,20	OR5,70X129,30V	5,70	129,30
OR5,33X189,87-90	5,33	189,87	OR5,50X135,00	5,50	135,00	OR5,70X077,20-90	5,70	77,20	OR5,70X131,20	5,70	131,20
OR5,33X189,87E	5,33	189,87	OR5,70X032,00	5,70	32,00	OR5,70X077,20V	5,70	77,20	OR5,70X134,20	5,70	134,20
OR5,33X189,87V	5,33	189,87	OR5,70X032,00E	5,70	32,00	OR5,70X079,20	5,70	79,20	OR5,70X134,20-90	5,70	134,20
OR5,33X196,22	5,33	196,22	OR5,70X035,20	5,70	35,20	OR5,70X079,20-90	5,70	79,20	OR5,70X134,20V	5,70	134,20
OR5,33X196,22V	5,33	196,22	OR5,70X037,20	5,70	37,20	OR5,70X079,20E	5,70	79,20	OR5,70X139,20	5,70	139,20

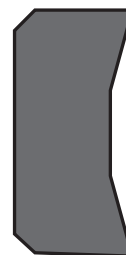
OR5,70X139,20-90	5,70	139,20	OR5,70X229,20	5,70	229,20	OR5,70X429,30	5,70	429,30	OR6,00X108,00	6,00	108,00
OR5,70X139,20E	5,70	139,20	OR5,70X229,20-90	5,70	229,20	OR5,70X439,30	5,70	439,30	OR6,00X110,00	6,00	110,00
OR5,70X139,20V	5,70	139,20	OR5,70X229,20V	5,70	229,20	OR5,70X449,30	5,70	449,30	OR6,00X115,00	6,00	115,00
OR5,70X144,30	5,70	144,30	OR5,70X234,30	5,70	234,30	OR5,70X449,30V	5,70	449,30	OR6,00X115,00-90	6,00	115,00
OR5,70X144,30-90	5,70	144,30	OR5,70X239,30	5,70	239,30	OR5,70X459,30	5,70	459,30	OR6,00X120,00	6,00	120,00
OR5,70X144,30PTFE	5,70	144,30	OR5,70X239,30-90	5,70	239,30	OR5,70X459,30E	5,70	459,30	OR6,00X125,00	6,00	125,00
OR5,70X144,30V	5,70	144,30	OR5,70X239,30E	5,70	239,30	OR5,70X465,30	5,70	465,30	OR6,00X128,00	6,00	128,00
OR5,70X148,20	5,70	148,20	OR5,70X239,30V	5,70	239,30	OR5,70X469,30	5,70	469,30	OR6,00X128,00V	6,00	128,00
OR5,70X149,30	5,70	149,30	OR5,70X244,30	5,70	244,30	OR5,70X474,30	5,70	474,30	OR6,00X130,00	6,00	130,00
OR5,70X149,30-90	5,70	149,30	OR5,70X244,30-90	5,70	244,30	OR5,70X474,30-90	5,70	474,30	OR6,00X132,00	6,00	132,00
OR5,70X149,30S	5,70	149,30	OR5,70X244,30V	5,70	244,30	OR5,70X479,30	5,70	479,30	OR6,00X135,00	6,00	135,00
OR5,70X149,30V	5,70	149,30	OR5,70X249,20	5,70	249,20	OR5,70X489,20	5,70	489,20	OR6,00X138,00	6,00	138,00
OR5,70X154,30	5,70	154,30	OR5,70X249,20-90	5,70	249,20	OR5,70X499,20	5,70	499,20	OR6,00X142,00	6,00	142,00
OR5,70X154,30-90	5,70	154,30	OR5,70X249,20V	5,70	249,20	OR5,70X510,00	5,70	510,00	OR6,00X145,00	6,00	145,00
OR5,70X154,30V	5,70	154,30	OR5,70X249,30E	5,70	249,30	OR5,70X519,00V	5,70	519,00	OR6,00X145,00V	6,00	145,00
OR5,70X159,30	5,70	159,30	OR5,70X259,30	5,70	259,30	OR5,70X519,30	5,70	519,30	OR6,00X148,00	6,00	148,00
OR5,70X159,30-90	5,70	159,30	OR5,70X259,30-90	5,70	259,30	OR5,70X529,00	5,70	529,00	OR6,00X148,00V	6,00	148,00
OR5,70X159,30E	5,70	159,30	OR5,70X259,30V	5,70	259,30	OR5,70X530,00	5,70	530,00	OR6,00X150,00	6,00	150,00
OR5,70X159,30V	5,70	159,30	OR5,70X269,30	5,70	269,30	OR5,70X548,00	5,70	548,00	OR6,00X150,00E	6,00	150,00
OR5,70X164,30	5,70	164,30	OR5,70X269,30-90	5,70	269,30	OR5,70X554,30	5,70	554,30	OR6,00X150,00V	6,00	150,00
OR5,70X164,30-90	5,70	164,30	OR5,70X269,30V	5,70	269,30	OR5,70X565,00	5,70	565,00	OR6,00X155,00	6,00	155,00
OR5,70X164,30V	5,70	164,30	OR5,70X279,30	5,70	279,30	OR5,70X574,00	5,70	574,00	OR6,00X155,00-90	6,00	155,00
OR5,70X164,3S	5,70	164,30	OR5,70X279,30-90	5,70	279,30	OR5,70X580,00	5,70	580,00	OR6,00X159,00	6,00	159,00
OR5,70X169,30	5,70	169,30	OR5,70X279,30V	5,70	279,30	OR5,70X580,00E	5,70	580,00	OR6,00X165,00	6,00	165,00
OR5,70X169,30-90	5,70	169,30	OR5,70X289,30	5,70	289,30	OR5,70X610,00	5,70	610,00	OR6,00X170,00	6,00	170,00
OR5,70X169,30E	5,70	169,30	OR5,70X289,30-90	5,70	289,30	OR5,70X629,30	5,70	629,30	OR6,00X175,00	6,00	175,00
OR5,70X169,30V	5,70	169,30	OR5,70X289,30V	5,70	289,30	OR5,70X650,00	5,70	650,00	OR6,00X180,00	6,00	180,00
OR5,70X174,30	5,70	174,30	OR5,70X299,30	5,70	299,30	OR5,70X725,00	5,70	725,00	OR6,00X185,00	6,00	185,00
OR5,70X174,30-90	5,70	174,30	OR5,70X299,30E	5,70	299,30	OR5,70X759,00E	5,70	759,00	OR6,00X190,00	6,00	190,00
OR5,70X174,30V	5,70	174,30	OR5,70X299,30V	5,70	299,30	OR5,70X824,00	5,70	824,00	OR6,00X190,00V	6,00	190,00
OR5,70X179,30	5,70	179,30	OR5,70X309,20	5,70	309,20	OR5,70X1297,00	5,70	1 297,00	OR6,00X193,00	6,00	193,00
OR5,70X179,30-90	5,70	179,30	OR5,70X309,20-90	5,70	309,20	OR6,00X010,00	6,00	10,00	OR6,00X195,00	6,00	195,00
OR5,70X179,30V	5,70	179,30	OR5,70X314,30	5,70	314,30	OR6,00X017,00	6,00	17,00	OR6,00X200,00	6,00	200,00
OR5,70X184,30	5,70	184,30	OR5,70X319,30	5,70	319,30	OR6,00X020,00	6,00	20,00	OR6,00X210,00	6,00	210,00
OR5,70X184,30V	5,70	184,30	OR5,70X319,30E	5,70	319,30	OR6,00X023,00	6,00	23,00	OR6,00X210,00-90	6,00	210,00
OR5,70X189,30	5,70	189,30	OR5,70X324,30	5,70	324,30	OR6,00X024,00	6,00	24,00	OR6,00X220,00	6,00	220,00
OR5,70X189,30-90	5,70	189,30	OR5,70X329,30	5,70	329,30	OR6,00X025,00	6,00	25,00	OR6,00X225,00	6,00	225,00
OR5,70X189,30V	5,70	189,30	OR5,70X329,30V	5,70	329,30	OR6,00X025,00E	6,00	25,00	OR6,00X230,00	6,00	230,00
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OR5,70X194,30-90	5,70	194,30	OR5,70X339,30-90	5,70	339,30	OR6,00X030,00	6,00	30,00	OR6,00X238,00	6,00	238,00
OR5,70X194,30PTFE	5,70	194,30	OR5,70X349,20	5,70	349,20	OR6,00X038,00	6,00	38,00	OR6,00X240,00	6,00	240,00
OR5,70X194,30V	5,70	194,30	OR5,70X349,20-90	5,70	349,20	OR6,00X040,00	6,00	40,00	OR6,00X247,00	6,00	247,00
OR5,70X199,30	5,70	199,30	OR5,70X349,20V	5,70	349,20	OR6,00X040,00E	6,00	40,00	OR6,00X247,00-90	6,00	247,00
OR5,70X199,30-90	5,70	199,30	OR5,70X354,30	5,70	354,30	OR6,00X040,00V	6,00	40,00	OR6,00X260,00	6,00	260,00
OR5,70X199,30E	5,70	199,30	OR5,70X354,30V	5,70	354,30	OR6,00X050,00	6,00	50,00	OR6,00X260,00V	6,00	260,00
OR5,70X199,30PTFE	5,70	199,30	OR5,70X359,20E	5,70	359,20	OR6,00X055,00	6,00	55,00	OR6,00X275,00	6,00	275,00
OR5,70X199,30V	5,70	199,30	OR5,70X359,30	5,70	359,30	OR6,00X060,00	6,00	60,00	OR6,00X280,00	6,00	280,00
OR5,70X204,20	5,70	204,20	OR5,70X369,30	5,70	369,30	OR6,00X065,00	6,00	65,00	OR6,00X300,00	6,00	300,00
OR5,70X204,20-90	5,70	204,20	OR5,70X369,30-90	5,70	369,30	OR6,00X066,00	6,00	66,00	OR6,00X310,00-90	6,00	310,00
OR5,70X209,30	5,70	209,30	OR5,70X374,30	5,70	374,30	OR6,00X070,00	6,00	70,00	OR6,00X315,00	6,00	315,00
OR5,70X209,30-90	5,70	209,30	OR5,70X379,20	5,70	379,20	OR6,00X070,00V	6,00	70,00	OR6,00X330,00	6,00	330,00
OR5,70X209,30E	5,70	209,30	OR5,70X379,20V	5,70	379,20	OR6,00X080,00	6,00	80,00	OR6,00X330,00V	6,00	330,00
OR5,70X209,30V	5,70	209,30	OR5,70X384,30	5,70	384,30	OR6,00X084,00	6,00	84,00	OR6,00X340,00	6,00	340,00
OR5,70X214,30	5,70	214,30	OR5,70X389,30	5,70	389,30	OR6,00X085,00	6,00	85,00	OR6,00X340,00V	6,00	340,00
OR5,70X214,30-90	5,70	214,30	OR5,70X399,20	5,70	399,20	OR6,00X090,00	6,00	90,00	OR6,00X345,00	6,00	345,00
OR5,70X219,30	5,70	219,30	OR5,70X409,30	5,70	409,30	OR6,00X090,00V	6,00	90,00	OR6,00X350,00	6,00	350,00
OR5,70X219,30-90	5,70	219,30	OR5,70X414,30	5,70	414,30	OR6,00X095,00	6,00	95,00	OR6,00X365,00	6,00	365,00
OR5,70X219,30E	5,70	219,30	OR5,70X414,30V	5,70	414,30	OR6,00X100,00	6,00	100,00	OR6,00X368,00	6,00	368,00
OR5,70X219,30V	5,70	219,30	OR5,70X419,30	5,70	419,30	OR6,00X100,00V	6,00	100,00	OR6,00X399,00	6,00	399,00
OR5,70X224,30	5,70	224,30	OR5,70X419,30V	5,70	419,30	OR6,00X105,00	6,00	105,00	OR6,00X400,00	6,00	400,00

OR6,00X439,00	6,00	439,00	OR6,99X164,47S	6,99	164,47	OR6,99X329,57V	6,99	329,57	OR7,00X212,00	7,00	212,00
OR6,00X474,00	6,00	474,00	OR6,99X166,70	6,99	166,70	OR6,99X342,27	6,99	342,27	OR7,00X234,00E	7,00	234,00
OR6,00X475,00	6,00	475,00	OR6,99X166,70-90	6,99	166,70	OR6,99X354,97	6,99	354,97	OR7,00X235,00	7,00	235,00
OR6,00X483,00	6,00	483,00	OR6,99X168,28	6,99	168,28	OR6,99X354,97V	6,99	354,97	OR7,00X235,00V	7,00	235,00
OR6,00X485,00	6,00	485,00	OR6,99X168,28E	6,99	168,28	OR6,99X367,67	6,99	367,67	OR7,00X248,00	7,00	248,00
OR6,00X511,00	6,00	511,00	OR6,99X168,30V	6,99	168,30	OR6,99X380,37	6,99	380,37	OR7,00X250,00V	7,00	250,00
OR6,00X539,00	6,00	539,00	OR6,99X170,82	6,99	170,82	OR6,99X393,07	6,99	393,07	OR7,00X270,00	7,00	270,00
OR6,00X540,00	6,00	540,00	OR6,99X170,82-90	6,99	170,82	OR6,99X405,26	6,99	405,26	OR7,00X278,00	7,00	278,00
OR6,00X570,00	6,00	570,00	OR6,99X174,32V	6,99	174,32	OR6,99X417,96	6,99	417,96	OR7,00X285,10	7,00	285,10
OR6,00X642,00	6,00	642,00	OR6,99X174,60	6,99	174,60	OR6,99X430,66	6,99	430,66	OR7,00X320,00	7,00	320,00
OR6,00X700,00	6,00	700,00	OR6,99X177,17	6,99	177,17	OR6,99X443,36	6,99	443,36	OR7,00X330,00V	7,00	330,00
OR6,30X212,00-90	6,30	212,00	OR6,99X177,17E	6,99	177,17	OR6,99X456,06	6,99	456,06	OR7,00X337,00	7,00	337,00
OR6,35X483,00	6,35	483,00	OR6,99X177,17V	6,99	177,17	OR6,99X468,70V	6,99	468,70	OR7,00X380,00	7,00	380,00
OR6,50X023,50	6,50	23,50	OR6,99X183,52	6,99	183,52	OR6,99X468,76	6,99	468,76	OR7,00X400,00V	7,00	400,00
OR6,50X048,00V	6,50	48,00	OR6,99X187,30	6,99	187,30	OR6,99X481,46	6,99	481,46	OR7,00X411,00	7,00	411,00
OR6,50X050,00	6,50	50,00	OR6,99X187,30-90	6,99	187,30	OR6,99X494,16	6,99	494,16	OR7,00X412,00V	7,00	412,00
OR6,50X062,00	6,50	62,00	OR6,99X187,30E	6,99	187,30	OR6,99X506,86	6,99	506,86	OR7,00X435,00V	7,00	435,00
OR6,50X152,00S	6,50	152,00	OR6,99X189,87	6,99	189,87	OR6,99X532,26	6,99	532,26	OR7,00X437,00	7,00	437,00
OR6,50X483,00	6,50	483,00	OR6,99X189,87E	6,99	189,87	OR6,99X565,90	6,99	565,90	OR7,00X438,00	7,00	438,00
OR6,99X075,56S	6,99	75,56	OR6,99X192,22	6,99	192,22	OR6,99X596,27	6,99	596,27	OR7,00X462,00	7,00	462,00
OR6,99X078,74V	6,99	78,74	OR6,99X193,70	6,99	193,70	OR6,99X596,27V	6,99	596,27	OR7,00X475,00	7,00	475,00
OR6,99X100,97V	6,99	100,97	OR6,99X196,22	6,99	196,22	OR6,99X608,08	6,99	608,08	OR7,00X476,00	7,00	476,00
OR6,99X101,00	6,99	101,00	OR6,99X196,22V	6,99	196,22	OR6,99X633,48	6,99	633,48	OR7,00X500,00	7,00	500,00
OR6,99X113,67	6,99	113,67	OR6,99X202,57	6,99	202,57	OR6,99X633,48E	6,99	633,48	OR7,00X532,00E	7,00	532,00
OR6,99X114,70	6,99	114,70	OR6,99X202,57E	6,99	202,57	OR6,99X647,07	6,99	647,07	OR7,00X545,00E	7,00	545,00
OR6,99X116,84	6,99	116,84	OR6,99X202,57V	6,99	202,57	OR7,00X016,00	7,00	16,00	OR7,00X556,00	7,00	556,00
OR6,99X116,84-90	6,99	116,84	OR6,99X208,92	6,99	208,92	OR7,00X050,00	7,00	50,00	OR7,00X557,00	7,00	557,00
OR6,99X116,84V	6,99	116,84	OR6,99X208,92E	6,99	208,92	OR7,00X050,00E	7,00	50,00	OR7,00X690,00	7,00	690,00
OR6,99X120,02	6,99	120,02	OR6,99X208,92V	6,99	208,92	OR7,00X053,00	7,00	53,00	OR7,00X1050,00	7,00	1 050,00
OR6,99X120,02-90	6,99	120,02	OR6,99X215,27	6,99	215,27	OR7,00X057,00	7,00	57,00	OR8,00X020,00	8,00	20,00
OR6,99X123,19	6,99	123,19	OR6,99X215,27V	6,99	215,27	OR7,00X060,00	7,00	60,00	OR8,00X035,00	8,00	35,00
OR6,99X126,37	6,99	126,37	OR6,99X221,62	6,99	221,62	OR7,00X064,00	7,00	64,00	OR8,00X038,00	8,00	38,00
OR6,99X126,37V	6,99	126,37	OR6,99X227,97	6,99	227,97	OR7,00X070,00	7,00	70,00	OR8,00X040,00S	8,00	40,00
OR6,99X129,54	6,99	129,54	OR6,99X227,97V	6,99	227,97	OR7,00X072,00	7,00	72,00	OR8,00X043,00	8,00	43,00
OR6,99X129,54-90	6,99	129,54	OR6,99X234,32	6,99	234,32	OR7,00X078,00	7,00	78,00	OR8,00X045,00	8,00	45,00
OR6,99X129,54V	6,99	129,54	OR6,99X234,32V	6,99	234,32	OR7,00X079,00	7,00	79,00	OR8,00X048,00	8,00	48,00
OR6,99X132,72	6,99	132,72	OR6,99X240,67	6,99	240,67	OR7,00X085,00	7,00	85,00	OR8,00X065,00	8,00	65,00
OR6,99X135,90	6,99	135,90	OR6,99X240,67-90	6,99	240,67	OR7,00X088,00-90	7,00	88,00	OR8,00X072,00	8,00	72,00
OR6,99X135,90-90	6,99	135,90	OR6,99X240,67V	6,99	240,67	OR7,00X088,30	7,00	88,30	OR8,00X076,00	8,00	76,00
OR6,99X135,90V	6,99	135,90	OR6,99X253,37	6,99	253,37	OR7,00X090,00	7,00	90,00	OR8,00X082,00	8,00	82,00
OR6,99X139,07	6,99	139,07	OR6,99X259,70	6,99	259,70	OR7,00X092,00	7,00	92,00	OR8,00X085,00V	8,00	85,00
OR6,99X139,10E	6,99	139,10	OR6,99X259,70E	6,99	259,70	OR7,00X094,00	7,00	94,00	OR8,00X088,00	8,00	88,00
OR6,99X142,24	6,99	142,24	OR6,99X266,07	6,99	266,07	OR7,00X095,00	7,00	95,00	OR8,00X095,00	8,00	95,00
OR6,99X145,42	6,99	145,42	OR6,99X266,07E	6,99	266,07	OR7,00X098,00	7,00	98,00	OR8,00X104,00	8,00	104,00
OR6,99X145,42-90	6,99	145,42	OR6,99X272,40	6,99	272,40	OR7,00X100,00	7,00	100,00	OR8,00X108,00	8,00	108,00
OR6,99X145,42V	6,99	145,42	OR6,99X272,40E	6,99	272,40	OR7,00X100,00-90	7,00	100,00	OR8,00X120,00	8,00	120,00
OR6,99X148,60	6,99	148,60	OR6,99X278,77	6,99	278,77	OR7,00X100,00V	7,00	100,00	OR8,00X125,00	8,00	125,00
OR6,99X148,60-90	6,99	148,60	OR6,99X285,12	6,99	285,12	OR7,00X101,00	7,00	101,00	OR8,00X130,00E	8,00	130,00
OR6,99X151,77	6,99	151,77	OR6,99X291,47	6,99	291,47	OR7,00X108,00	7,00	108,00	OR8,00X140,00	8,00	140,00
OR6,99X151,77V	6,99	151,77	OR6,99X291,47V	6,99	291,47	OR7,00X110,00	7,00	110,00	OR8,00X145,00	8,00	145,00
OR6,99X155,60	6,99	155,60	OR6,99X297,80	6,99	297,80	OR7,00X115,00	7,00	115,00	OR8,00X150,00	8,00	150,00
OR6,99X155,60V	6,99	155,60	OR6,99X297,80-90	6,99	297,80	OR7,00X115,00E	7,00	115,00	OR8,00X155,00	8,00	155,00
OR6,99X158,12	6,99	158,12	OR6,99X297,80V	6,99	297,80	OR7,00X120,00V	7,00	120,00	OR8,00X175,00	8,00	175,00
OR6,99X158,12S	6,99	158,12	OR6,99X304,17	6,99	304,17	OR7,00X140,00	7,00	140,00	OR8,00X185,00	8,00	185,00
OR6,99X158,12V	6,99	158,12	OR6,99X304,17-90	6,99	304,17	OR7,00X142,00	7,00	142,00	OR8,00X205,00	8,00	205,00
OR6,99X159,30	6,99	159,30	OR6,99X310,52	6,99	310,52	OR7,00X187,00	7,00	187,00	OR8,00X210,00	8,00	210,00
OR6,99X159,50	6,99	159,50	OR6,99X316,87	6,99	316,87	OR7,00X200,00	7,00	200,00	OR8,00X220,00	8,00	220,00
OR6,99X161,90	6,99	161,90	OR6,99X316,87-90	6,99	316,87	OR7,00X202,57	7,00	202,57	OR8,00X220,00-90	8,00	220,00
OR6,99X164,47	6,99	164,47	OR6,99X316,87V	6,99	316,87	OR7,00X206,00	7,00	206,00	OR8,00X220,00E	8,00	220,00
OR6,99X164,47-90	6,99	164,47	OR6,99X329,57	6,99	329,57	OR7,00X210,00V	7,00	210,00	OR8,00X230,00	8,00	230,00

OR8,00X240,00	8,00	240,00	OR8,40X314,50	8,40	314,50	OR12,00X370,00V	12,00	370,00
OR8,00X250,00	8,00	250,00	OR8,40X330,00	8,40	330,00	OR12,00X470,00V	12,00	470,00
OR8,00X260,00	8,00	260,00	OR8,40X334,50	8,40	334,50	OR12,00X570,00V	12,00	570,00
OR8,00X270,00	8,00	270,00	OR8,40X339,50	8,40	339,50	OR12,00X730,00V	12,00	730,00
OR8,00X278,00	8,00	278,00	OR8,40X365,10	8,40	365,10	OR12,00X1020,00V	12,00	1 020,00
OR8,00X280,00S	8,00	280,00	OR8,40X374,50	8,40	374,50	OR12,00X1040,00V	12,00	1 040,00
OR8,00X290,00	8,00	290,00	OR8,40X399,10	8,40	399,10	OR12,70X305,00V	12,70	305,00
OR8,00X290,00S	8,00	290,00	OR8,40X414,00V	8,40	414,00	OR13,00X060,00	13,00	60,00
OR8,00X310,00	8,00	310,00	OR8,40X419,10	8,40	419,10	OR13,00X320,00	13,00	320,00
OR8,00X330,00E	8,00	330,00	OR8,40X425,00	8,40	425,00	OR25,00X960,00	25,00	960,00
OR8,00X340,00	8,00	340,00	OR8,40X434,00	8,40	434,00			
OR8,00X340,00V	8,00	340,00	OR8,40X460,00	8,40	460,00			
OR8,00X350,00	8,00	350,00	OR8,40X500,00	8,40	500,00			
OR8,00X360,00	8,00	360,00	OR8,40X644,00	8,40	644,00			
OR8,00X371,00	8,00	371,00	OR8,40X670,00	8,40	670,00			
OR8,00X380,00	8,00	380,00	OR8,40X702,00	8,40	702,00			
OR8,00X385,00	8,00	385,00	OR8,40X702,00V	8,40	702,00			
OR8,00X430,00V	8,00	430,00	OR8,40X719,00	8,40	719,00			
OR8,00X525,00E	8,00	525,00	OR8,40X740,00	8,40	740,00			
OR8,00X529,00	8,00	529,00	OR8,40X845,00	8,40	845,00			
OR8,00X580,00	8,00	580,00	OR8,40X959,10	8,40	959,10			
OR8,00X695,00	8,00	695,00	OR8,50X125,00	8,50	125,00			
OR8,40X144,10	8,40	144,10	OR9,00X115,00	9,00	115,00			
OR8,40X149,10	8,40	149,10	OR9,00X423,00	9,00	423,00			
OR8,40X154,10	8,40	154,10	OR10,00X025,00	10,00	25,00			
OR8,40X154,10E	8,40	154,10	OR10,00X032,00	10,00	32,00			
OR8,40X159,10	8,40	159,10	OR10,00X062,00	10,00	62,00			
OR8,40X159,10V	8,40	159,10	OR10,00X070,00	10,00	70,00			
OR8,40X164,10	8,40	164,10	OR10,00X080,00	10,00	80,00			
OR8,40X164,10-90	8,40	164,10	OR10,00X090,00	10,00	90,00			
OR8,40X169,10	8,40	169,10	OR10,00X095,00	10,00	95,00			
OR8,40X174,10	8,40	174,10	OR10,00X096,00	10,00	96,00			
OR8,40X179,10	8,40	179,10	OR10,00X105,00	10,00	105,00			
OR8,40X184,10	8,40	184,10	OR10,00X120,00	10,00	120,00			
OR8,40X189,10	8,40	189,10	OR10,00X138,00	10,00	138,00			
OR8,40X194,10	8,40	194,10	OR10,00X148,00	10,00	148,00			
OR8,40X199,10	8,40	199,10	OR10,00X150,00	10,00	150,00			
OR8,40X204,10	8,40	204,10	OR10,00X180,00	10,00	180,00			
OR8,40X209,10	8,40	209,10	OR10,00X200,00	10,00	200,00			
OR8,40X209,10-90	8,40	209,10	OR10,00X230,00	10,00	230,00			
OR8,40X209,10E	8,40	209,10	OR10,00X245,00	10,00	245,00			
OR8,40X214,10	8,40	214,10	OR10,00X250,00	10,00	250,00			
OR8,40X219,10	8,40	219,10	OR10,00X250,0E	10,00	250,00			
OR8,40X219,10E	8,40	219,10	OR10,00X250,0V	10,00	250,00			
OR8,40X224,50	8,40	224,50	OR10,00X280,00E	10,00	280,00			
OR8,40X229,10	8,40	229,10	OR10,00X281,00	10,00	281,00			
OR8,40X229,10-90	8,40	229,10	OR10,00X300,00	10,00	300,00			
OR8,40X234,10	8,40	234,10	OR10,00X330,00	10,00	330,00			
OR8,40X239,10	8,40	239,10	OR10,00X331,00	10,00	331,00			
OR8,40X244,50	8,40	244,50	OR10,00X340,00	10,00	340,00			
OR8,40X249,10	8,40	249,10	OR10,00X340,00E	10,00	340,00			
OR8,40X249,10-90	8,40	249,10	OR10,00X350,00	10,00	350,00			
OR8,40X249,10V	8,40	249,10	OR10,00X430,00	10,00	430,00			
OR8,40X264,50	8,40	264,50	OR10,00X440,00	10,00	440,00			
OR8,40X268,80	8,40	268,80	OR10,00X480,00	10,00	480,00			
OR8,40X274,50	8,40	274,50	OR10,00X496,00	10,00	496,00			
OR8,40X279,50	8,40	279,50	OR10,00X497,00	10,00	497,00			
OR8,40X279,50V	8,40	279,50	OR10,00X510,00	10,00	510,00			
OR8,40X294,50	8,40	294,50	OR10,00X1090,0	10,00	1 090,00			
OR8,40X299,50	8,40	299,50	OR12,00X088,00	12,00	88,00			



TR



OMINAISUUDET

Materiaali Polyuretaani
Lämpötila -30 – +110 °C

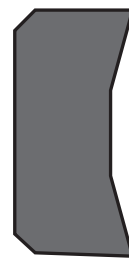
PTFE
-200 – +260 °C

Tuotekoodi	d	D	TR2530-PTFE	25	30	TR5055-PTFE	50	55	TR7080-PTFE	70	80	TR95100	95	100
TR48	4	8	TR2732	27	32	TR5060	50	60	TR7277	72	77	TR95100-PTFE	95	100
TR59	5	9	TR2833	28	33	TR5060-PTFE	50	60	TR7277-PTFE	72	77	TR95105	95	105
TR610	6	10	TR3034	30	34	TR5256	52	56	TR7378	73	78	TR100105	100	105
TR711	7	11	TR3035	30	35	TR5363	53	63	TR7378-PTFE	73	78	TR100110	100	110
TR812	8	12	TR3237	32	37	TR5560	55	60	TR7580	75	80	TR105110	105	110
TR913	9	13	TR3338	33	38	TR5560-PTFE	55	60	TR7580-PTFE	75	80	TR105110-PTFE	105	110
TR1014	10	14	TR3540	35	40	TR5565	55	65	TR7585	75	85	TR105115	105	115
TR1115	11	15	TR3540-PTFE	35	40	TR5565-PTFE	55	65	TR7585-PTFE	75	85	TR110115	110	115
TR1216	12	16	TR3742	37	42	TR5762	57	62	TR7888	78	88	TR110115-PTFE	110	115
TR1317	13	17	TR4045	40	45	TR5762-PTFE	57	62	TR8085	80	85	TR110120	110	120
TR1418	14	18	TR4050	40	50	TR5863	58	63	TR8085-PTFE	80	85	TR110120-PTFE	110	120
TR1519	15	19	TR4050-PTFE	40	50	TR5863-PTFE	58	63	TR8090	80	90	TR115120	115	120
TR1620	16	20	TR4246	42	46	TR6065	60	65	TR8095	80	95	TR115120-PTFE	115	120
TR1721	17	21	TR4247	42	47	TR6070	60	70	TR8287-PTFE	82	87	TR115125	115	125
TR1822	18	22	TR4347	43	47	TR6070-PTFE	60	70	TR8393	83	93	TR120125	120	125
TR1924	19	24	TR4348	43	48	TR6368	63	68	TR8393-PTFE	83	93	TR120125-PTFE	120	125
TR2025	20	25	TR4550	45	50	TR6570	65	70	TR8590	85	90	TR120130	120	130
TR2227	22	27	TR4550-PTFE	45	50	TR6575	65	75	TR8595	85	95	TR120140	120	140
TR2328	23	28	TR4555	45	55	TR6671	66	71	TR9095	90	95	TR125130	125	130
TR2328-PTFE	23	28	TR4752	47	52	TR6671-PTFE	66	71	TR9095-PTFE	90	95	TR125130-PTFE	125	130
TR23528	23,5	28	TR4853	48	53	TR7075	70	75	TR90100	90	100	TR125135	125	135
TR2530	25	30	TR5055	50	55	TR7080	70	80	TR93103-PTFE	93	103	TR130135	130	135

TR

TR130140	130	140	TR190200-PTFE	190	200
TR130140-PTFE	130	140	TR195205	195	205
TR132142	132	142	TR195205-PTFE	195	205
TR135140	135	140	TR200205	200	205
TR135140-PTFE	135	140	TR200210	200	210
TR135145	135	145	TR200210-PTFE	200	210
TR140145	140	145	TR200215	200	215
TR140150	140	150	TR205220	205	220
TR142152	142	152	TR210220	210	220
TR145150	145	150	TR215225	215	225
TR145150-PTFE	145	150	TR220230	220	230
TR145155	145	155	TR225235	225	235
TR145155-PTFE	145	155	TR230238-PTFE	230	238
TR145160	145	160	TR230240	230	240
TR150155	150	155	TR235250	235	250
TR150160	150	160	TR240250	240	250
TR150160-PTFE	150	160	TR240250-PTFE	240	250
TR155160	155	160	TR245255	245	255
TR155165	155	165	TR245260	245	260
TR155170	155	170	TR250260	250	260
TR160170	160	170	TR260270	260	270
TR160175	160	175	TR270280	270	280
TR162172	162	172	TR290300	290	300
TR165175	165	175	TR300310	300	310
TR165175-PTFE	165	175	TR305320	305	320
TR165180	165	180	TR310320	310	320
TR170175	170	175	TR325335	325	335
TR170180	170	180	TR330340	330	340
TR175180	175	180	TR350360	350	360
TR175185	175	185	TR380390	380	390
TR175190	175	190	TR390400	390	400
TR180185	180	185	TR420430	420	430
TR180185-PTFE	180	185	TR440450	440	450
TR180190	180	190	TR470480	470	480
TR180190-PTFE	180	190	TR480490	480	490
TR182192	182	192	TR520530	520	530
TR185195	185	195	TR648660	648	660
TR190200	190	200	TR740750	740	750

TR8



OMINAISUUDET

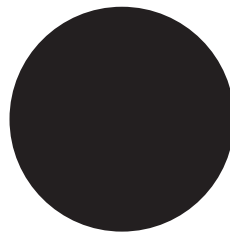
Materiaali Nitrilikumi
Lämpötila -30 – +100 °C

Tuotekoodi	O-rengas koko	TR8-024 PTFE SPIRAALI	28,40X1,78	TR8-124	31,42X2,62	TR8-151	75,80X2,62
TR8-006	2,90X1,78	TR8-025	29,87X1,78	TR8-125	33,00X2,62	TR8-153	88,57X2,62
TR8-008	4,47X1,78	TR8-026	31,47X1,78	TR8-126	34,59X2,62	TR8-154	94,92X2,62
TR8-009	5,28X1,78	TR8-031	44,17X1,78	TR8-126-PTFE	34,59X2,62	TR8-155	101,27X2,62
TR8-010	6,07X1,78	TR8-035	56,87X1,78	TR8-127	36,17X2,62	TR8-156	107,62X2,62
TR8-011	7,65X1,78	TR8-038	66,4X1,78	TR8-128	37,70X2,62	TR8-157	113,89X2,62
TR8-012	9,25X1,78	TR8-048	120,37X1,78	TR8-129	39,34X2,62	TR8-210	18,64X3,53
TR8-013	10,82X1,78	TR8-110	9,19X2,62	TR8-130	40,95X2,62	TR8-211	20,22X3,53
TR8-014	12,42X1,78	TR8-111	10,77X2,62	TR8-131	42,52X2,62	TR8-212	21,82X3,53
TR8-015	14,00X1,78	TR8-112	12,37X2,62	TR8-132	44,12X2,62	TR8-213	23,40X3,53
TR8-016	15,60X1,78	TR8-113	13,95X2,62	TR8-133	45,69X2,62	TR8-214	25,00X3,53
TR8-017	17,17X1,78	TR8-114	15,54X2,62	TR8-135	48,90X2,62	TR8-215	26,57X3,53
TR8-018	18,77X1,78	TR8-115	17,12X2,62	TR8-136	50,47X2,62	TR8-216	28,17X3,53
TR8-019	20,35X1,78	TR8-116	18,72X2,62	TR8-137	52,07X2,62	TR8-217	29,74X3,53
TR8-020	21,95X1,78	TR8-117	20,30X2,62	TR8-139	55,25X2,62	TR8-218	31,34X3,53
TR8-020 PTFE SPIRAALI	21,95X1,78	TR8-118	21,89X2,62	TR8-141	58,42X2,62	TR8-219	32,92X3,53
TR8-021	23,52X1,78	TR8-119	23,47X2,62	TR8-142	59,99X2,62	TR8-220	34,52X3,53
TR8-022	25,12X1,78	TR8-120	25,07X2,62	TR8-144	63,17X2,62	TR8-221	36,09X3,53
TR8-023	26,70X1,78	TR8-121	26,65X2,62	TR8-145	64,77X2,62	TR8-222	37,69X3,53
TR8-024	28,40X1,78	TR8-122	28,25X2,62	TR8-146	66,35X2,62	TR8-223	40,87X3,53
		TR8-123	29,82X2,62	TR8-149	71,12X2,62	TR8-224	44,04X3,53

TR8

TR8-225	47,22X3,53	TR8-322	31,12X5,33
TR8-226	50,39X3,53	TR8-325	37,47X5,33
TR8-227	53,57X3,53	TR8-326	40,64X5,33
TR8-228	56,75X3,53	TR8-327	43,82X5,33
TR8-229	59,92X3,53	TR8-328	47,00X5,33
TR8-230	63,50X3,53	TR8-329	50,16X5,33
TR8-231	66,27X3,53	TR8-330	53,34X5,33
TR8-232	69,44X3,53	TR8-331	56,52X5,33
TR8-233	72,62X3,53	TR8-332	59,69X5,33
TR8-234	75,79X3,53	TR8-334	66,04X5,33
TR8-235	78,97X3,53	TR8-335	69,22X5,33
TR8-236	82,14X3,53	TR8-336	72,39X5,33
TR8-237	85,32X3,53	TR8-337	75,57X5,33
TR8-238	88,49X3,53	TR8-338	5,33X78,74
TR8-239	91,67X3,53	TR8-339	81,92X5,33
TR8-240	94,84X3,53	TR8-340	85,09X5,33
TR8-241	98,02X3,53	TR8-342	91,44X5,33
TR8-242	101,19X3,53	TR8-343	94,62X5,33
TR8-243	104,37X3,53	TR8-344	97,79X5,33
TR8-244	107,54X3,53	TR8-345	100,97X5,33
TR8-245	110,72X3,53	TR8-346	104,14X5,33
TR8-246	113,89X3,53	TR8-347	107,31X5,33
TR8-247	117,07X3,53	TR8-348	110,5X5,33
TR8-248	120,24X3,53	TR8-349	113,67X5,33
TR8-249	123,42X3,53	TR8-349PTFE	113,67X5,33
TR8-250	126,60X3,53	TR8-350	116,89X5,33
TR8-251	129,77X3,53	TR8-353	126,37X5,33
TR8-252	132,95X3,53	TR8-354	129,54X3,53
TR8-253	136,12X3,53	TR8-355	132,72X5,33
TR8-254	139,24X3,53	TR8-357	139,09X5,33
TR8-255	142,47X3,53	TR8-358	142,24X5,33
TR8-256	145,65X3,53	TR8-362	158,12X5,33
TR8-257	148,82X3,53	TR8-364	170,82X5,33
TR8-258	151,99X3,53	TR8-366	5,33X183,52
TR8-259	158,35X3,53	TR8-367	189,86X5,33
TR8-260	164,70X3,53	TR8-375	240,67X5,33
TR8-261	171,04X3,53	TR8-379	278,77X5,33
TR8-263	183,74X3,53	TR8-381	304,17X5,33
TR8-264	190,09X3,53	TR8-427	120,02X6,99
TR8-265	196,45X3,53	TR8-432	135,90X6,99
TR8-266	202,79X3,53	TR8-434	142,22X6,99
TR8-273	247,23X3,53	TR8-435	145,42X6,99
TR8-318	24,77X5,33	TR8-439	164,47X6,99
TR8-319	26,34X5,33	TR8-443	189,87X6,99
TR8-320	27,94X5,33	TR8-448	240,67X6,99
TR8-321	29,51X5,33		

ORNAUHA



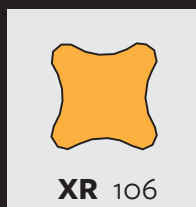
OMINAISUUDET

Materiaali	NBR/NBR90	FKM (V)	EPDM (EPDM)	SIL (S)
Lämpötila	-30 – +100 °C	-20 – +200 °C	-50 – +150 °C	-60 – +200 °C

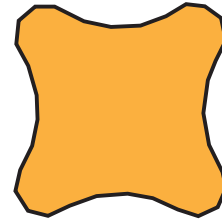
Tuotekoodi	do	ORNAUHA3,00 -90	3	ORNAUHAEPDM5,33	5,33	ORNAUHAS 8,40	8,4
ORNAUHA1,00	1	ORNAUHAS 3,0	3	ORNAUHAV 5,33	5,33	ORNAUHAV 8,40	8,4
ORNAUHAV 1,20	1,2	ORNAUHAV 3,00	3	ORNAUHA5,70	5,7	ORNAUHA9,0	9
ORNAUHA1,5	1,5	ORNAUHA3,25	3,25	ORNAUHAEPDM5,7	5,7	ORNAUHAEPDM9,0	9
ORNAUHAEPDM1,50	1,5	ORNAUHA3,53	3,53	ORNAUHAV 5,70	5,7	ORNAUHA10,00	10
ORNAUHA1,6	1,6	ORNAUHA3,53 -90	3,53	ORNAUHA6,0	6	ORNAUHAEPDM10	10
ORNAUHAEPDM1,60	1,6	ORNAUHAEPDM3,53	3,53	ORNAUHAEPDM6,0	6	ORNAUHAS 10,00	10
ORNAUHA1,78	1,78	ORNAUHAS 3,53	3,53	ORNAUHAV 6,00	6	ORNAUHAV 10,00	10
ORNAUHAV 1,78	1,78	ORNAUHAV 3,53	3,53	ORNAUHA6,35	6,35	ORNAUHAEPDM11	11
ORNAUHA2,0	2	ORNAUHA4,0	4	ORNAUHAV 6,35	6,35	ORNAUHAV 11,00	11
ORNAUHAV 2,00	2	ORNAUHAV 4,00	4	ORNAUHAEPDM6,5	6,5	ORNAUHA12,00	12
ORNAUHA2,40	2,4	ORNAUHA4,50	4,5	ORNAUHA7,0	7	ORNAUHAEPDM12	12
ORNAUHAS 2,40	2,4	ORNAUHAS 4,50	4,5	ORNAUHAEPDM7,0	7	ORNAUHAS 12,00	12
ORNAUHA2,50	2,5	ORNAUHAV 4,50	4,5	ORNAUHAV 7,00	7	ORNAUHAV 12,00	12
ORNAUHAEPDM2,50	2,5	ORNAUHA5,00	5	ORNAUHA8,0	8	ORNAUHA13,00	13
ORNAUHA2,62	2,62	ORNAUHA5,00 -90	5	ORNAUHAEPDM8,0	8	ORNAUHA14,00	14
ORNAUHA2,62 -90	2,62	ORNAUHAEPDM5,00	5	ORNAUHAS 8,00	8	ORNAUHA15,00	15
ORNAUHAS 2,62	2,62	ORNAUHAS 5,00	5	ORNAUHAV 8,00	8	ORNAUHAEPDM15	15
ORNAUHAV 2,62	2,62	ORNAUHAV 5,00	5	ORNAUHA8,40	8,4	ORNAUHA18,00	18
ORNAUHA3,0	3	ORNAUHA5,33	5,33	ORNAUHAEPDM8,4	8,4	ORNAUHA19,00	19



X-renkaat



XR



OMINAISUUDET

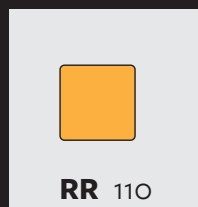
Materiaali NBR FKM
Lämpötila -30 – +100 °C -20 – +200 °C

Tuotekoodi	do	d1	XR1,78X069,57	1,78	69,57	XR2,62X016,20	2,62	16,2
XR1,78X002,90	1,78	2,9	XR1,78X072,76	1,78	72,76	XR2,62X016,20V	2,62	16,2
XR1,78X004,48	1,78	4,48	XR1,78X075,92	1,78	75,92	XR2,62X017,13	2,62	17,13
XR1,78X005,28	1,78	5,28	XR1,78X088,62	1,78	88,62	XR2,62X017,13V	2,62	17,13
XR1,78X007,65	1,78	7,65	XR1,78X094,97V	1,78	94,97	XR2,62X018,72	2,62	18,72
XR1,78X009,25	1,78	9,25	XR1,78X107,70	1,78	107,7	XR2,62X020,29	2,62	20,29
XR1,78X012,42	1,78	12,42	XR1,78X120,40	1,78	120,4	XR2,62X021,90	2,62	21,9
XR1,78X014,00	1,78	14	XR2,62X002,84	2,62	2,84	XR2,62X025,07	2,62	25,07
XR1,78X015,60	1,78	15,6	XR2,62X006,02	2,62	6,02	XR2,62X031,42	2,62	31,42
XR1,78X017,13	1,78	17,13	XR2,62X006,02V	2,62	6,02	XR2,62X033,00	2,62	33
XR1,78X018,77	1,78	18,77	XR2,62X007,60	2,62	7,6	XR2,62X034,59	2,62	34,59
XR1,78X021,95	1,78	21,95	XR2,62X007,60V	2,62	7,6	XR2,62X036,17	2,62	36,17
XR1,78X025,12	1,78	25,12	XR2,62X009,19	2,62	9,19	XR2,62X039,35	2,62	39,35
XR1,78X031,47	1,78	31,47	XR2,62X010,78	2,62	10,78	XR2,62X039,35V	2,62	39,35
XR1,78X034,65	1,78	34,65	XR2,62X010,78-90	2,62	10,78	XR2,62X040,95	2,62	40,95
XR1,78X044,17	1,78	44,17	XR2,62X011,91	2,62	11,91	XR2,62X040,95V	2,62	40,95
XR1,78X050,52	1,78	50,52	XR2,62X012,37	2,62	12,37	XR2,62X044,12	2,62	44,12
XR1,78X050,52V	1,78	50,52	XR2,62X012,37V	2,62	12,37	XR2,62X045,69	2,62	45,69
XR1,78X053,67	1,78	53,67	XR2,62X013,95	2,62	13,95	XR2,62X052,07V	2,62	52,07
XR1,78X056,87	1,78	56,87	XR2,62X015,54	2,62	15,54	XR2,62X055,25	2,62	55,25
XR1,78X063,22	1,78	63,22	XR2,62X015,54V	2,62	15,54	XR2,62X071,12	2,62	71,12

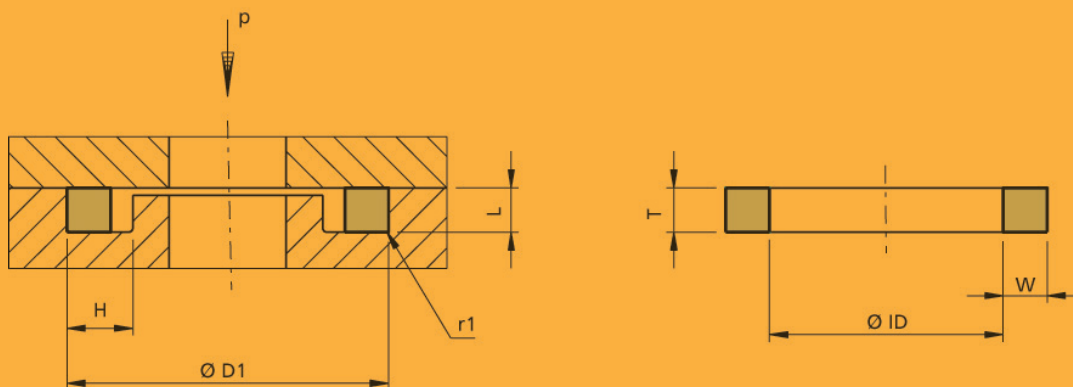
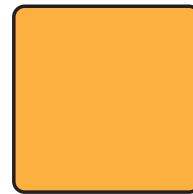
XR2,62X072,69	2,62	72,69	XR3,53X142,47	3,53	142,47	XR5,33X532,20	5,33	532,2
XR2,62X082,22	2,62	82,22	XR3,53X145,65	3,53	145,65	XR5,33X557,61	5,33	557,61
XR2,62X088,57	2,62	88,57	XR3,53X151,99	3,53	151,99	XR6,99X120,02	6,99	120,02
XR2,62X094,93	2,62	94,93	XR3,53X171,04	3,53	171,04	XR6,99X129,54	6,99	129,54
XR2,62X101,27	2,62	101,27	XR3,53X183,75	3,53	183,75	XR6,99X132,72	6,99	132,72
XR2,62X107,63	2,62	107,63	XR3,53X202,79	3,53	202,79	XR6,99X135,90	6,99	135,9
XR2,62X113,98	2,62	113,98	XR3,53X209,14	3,53	209,14	XR6,99X151,77	6,99	151,77
XR2,62X120,33	2,62	120,33	XR3,53X234,55	3,53	234,55	XR6,99X158,12	6,99	158,12
XR2,62X133,00	2,62	133	XR3,53X279,00	3,53	279	XR6,99X164,47	6,99	164,47
XR2,62X139,38	2,62	139,38	XR3,53X329,80	3,53	329,8	XR6,99X170,82	6,99	170,82
XR2,62X145,72	2,62	145,72	XR3,53X355,20	3,53	355,2	XR6,99X177,17	6,99	177,17
XR2,62X190,18	2,62	190,18	XR3,53X380,60	3,53	380,6	XR6,99X183,52	6,99	183,52
XR2,62X209,23	2,62	209,23	XR3,53X430,66	3,53	430,66	XR6,99X189,87	6,99	189,87
XR3,53X012,29	3,53	12,29	XR5,33X037,47	5,33	37,47	XR6,99X192,22	6,99	192,22
XR3,53X015,47	3,53	15,47	XR5,33X039,20	5,33	39,2	XR6,99X202,57	6,99	202,57
XR3,53X018,64	3,53	18,64	XR5,33X040,65	5,33	40,65	XR6,99X215,27	6,99	215,27
XR3,53X020,22	3,53	20,22	XR5,33X040,65V	5,33	40,65	XR6,99X227,97	6,99	227,97
XR3,53X020,22V	3,53	20,22	XR5,33X043,82	5,33	43,82	XR6,99X266,07	6,99	266,07
XR3,53X021,82	3,53	21,82	XR5,33X047,00	5,33	47	XR6,99X278,77	6,99	278,77
XR3,53X023,40	3,53	23,4	XR5,33X047,00V	5,33	47	XR6,99X291,47	6,99	291,47
XR3,53X024,99	3,53	24,99	XR5,33X050,16	5,33	50,16	XR6,99X304,17	6,99	304,17
XR3,53X026,57	3,53	26,57	XR5,33X050,16V	5,33	50,16	XR6,99X316,87	6,99	316,87
XR3,53X026,57V	3,53	26,57	XR5,33X053,34	5,33	53,34	XR6,99X405,26	6,99	405,26
XR3,53X028,17	3,53	28,17	XR5,33X056,52	5,33	56,52	XR6,99X430,66-80	6,99	430,66
XR3,53X029,75	3,53	29,75	XR5,33X056,52V	5,33	56,52	XR6,99X494,16	6,99	494,16
XR3,53X031,34	3,53	31,34	XR5,33X059,69	5,33	59,69			
XR3,53X032,92V	3,53	32,92	XR5,33X059,69V	5,33	59,69			
XR3,53X032,93	3,53	32,93	XR5,33X062,87	5,33	62,87			
XR3,53X034,52	3,53	34,52	XR5,33X066,04	5,33	66,04			
XR3,53X034,52V	3,53	34,52	XR5,33X069,22	5,33	69,22			
XR3,53X036,09	3,53	36,09	XR5,33X072,40	5,33	72,4			
XR3,53X037,69	3,53	37,69	XR5,33X075,57	5,33	75,57			
XR3,53X037,69V	3,53	37,69	XR5,33X078,74	5,33	78,74			
XR3,53X040,87	3,53	40,87	XR5,33X081,92	5,33	81,92			
XR3,53X044,04	3,53	44,04	XR5,33X085,09	5,33	85,09			
XR3,53X047,22	3,53	47,22	XR5,33X088,27	5,33	88,27			
XR3,53X050,40	3,53	50,4	XR5,33X091,44	5,33	91,44			
XR3,53X050,40V	3,53	50,4	XR5,33X094,62	5,33	94,62			
XR3,53X053,57	3,53	53,57	XR5,33X097,79	5,33	97,79			
XR3,53X063,09	3,53	63,09	XR5,33X097,79V	5,33	97,79			
XR3,53X066,27	3,53	66,27	XR5,33X100,97	5,33	100,97			
XR3,53X069,44	3,53	69,44	XR5,33X104,14	5,33	104,14			
XR3,53X078,97	3,53	78,97	XR5,33X110,49	5,33	110,49			
XR3,53X085,32	3,53	85,32	XR5,33X113,67	5,33	113,67			
XR3,53X098,02V	3,53	98,02	XR5,33X145,42	5,33	145,42			
XR3,53X104,37	3,53	104,37	XR5,33X158,12	5,33	158,12			
XR3,53X107,54	3,53	107,54	XR5,33X164,47	5,33	164,47			
XR3,53X113,89	3,53	113,89	XR5,33X177,17	5,33	177,17			
XR3,53X117,07	3,53	117,07	XR5,33X183,52	5,33	183,52			
XR3,53X120,25	3,53	120,25	XR5,33X189,87	5,33	189,87			
XR3,53X123,42	3,53	123,42	XR5,33X196,22	5,33	196,22			
XR3,53X126,60	3,53	126,6	XR5,33X202,57	5,33	202,57			
XR3,53X132,94	3,53	132,94	XR5,33X456,06	5,33	456,06			
XR3,53X139,29	3,53	139,29	XR5,33X481,46	5,33	481,46			



Staattiset tiivisteet



RR



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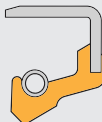
Materiaali	Polyuretaani (-P)	NBR(-V)	FKM(-N)
Lämpötila	-30 – +110 °C	-30 – +100 °C	-20 – +200 °C

Tuotekoodi	d	D	H								
RR7,3X10,3X1,5-N	7,3	10,3	1,5	RR13X16,2X2-P	13	16,2	2	RR22,53X27,13X2,62-V	22,53	27,13	2,62
RR7,3X10,3X1,5-V	7,3	10,3	1,5	RR13X16,2X2-V	13	16,2	2	RR26,57X33,63X3,53-N	26,57	33,63	3,53
RR8X11X1,78-N	8	11	1,78	RR14,6X17,8X1,78-N	14,6	17,8	1,78	RR26,57X33,63X3,53-P	26,57	33,63	3,53
RR8X11X1,78-V	8	11	1,78	RR14,6X17,8X1,78-P	14,6	17,8	1,78	RR26,57X33,63X3,53-V	26,57	33,63	3,53
RR9X12X1,78-N	9	12	1,78	RR14,6X17,8X1,78-V	14,6	17,8	1,78	RR27,8X33X3-N	27,8	33	3
RR9X12X1,78-V	9	12	1,78	RR16X18,8X1,8-N	16	18,8	1,8	RR27,8X33X3-P	27,8	33	3
RR9,81X12,81X1,78-N	9,81	12,81	1,78	RR16X18,8X1,8-V	16	18,8	1,8	RR27,8X33X3-V	27,8	33	3
RR9,81X12,81X1,78-P	9,81	12,81	1,78	RR17,56X21,96X2,62-N	17,56	21,96	2,62	RR28,43X35,23X3,53-N	28,43	35,23	3,53
RR9,81X12,81X1,78-V	9,81	12,81	1,78	RR17,56X21,96X2,62-P	17,56	21,96	2,62	RR28,43X35,23X3,53-P	28,43	35,23	3,53
RR10X14X2-N	10	14	2	RR17,56X21,96X2,62-V	17,56	21,96	2,62	RR28,43X35,23X3,53-V	28,43	35,23	3,53
RR10X14X2-P	10	14	2	RR18,64X25,7X3,53-N	18,64	25,7	3,53	RR32X36,8X3-N	32	36,8	3
RR10X14X2-V	10	14	2	RR18,64X25,7X3,53-P	18,64	25,7	3,53	RR34,52X41,58X3,53-N	34,52	41,58	3,53
RR11,18X14,38X1,78-N	11,18	14,38	1,78	RR18,64X25,7X3,53-V	18,64	25,7	3,53	RR34,52X41,58X3,53-P	34,52	41,58	3,53
RR11,18X14,38X1,78-P	11,18	14,38	1,78	RR19X25X3-N	19	25	3	RR34,52X41,58X3,53-V	34,52	41,58	3,53
RR11,18X14,38X1,78-V	11,18	14,38	1,78	RR19X25X3-P	19	25	3	RR42,5X47,5X3-N	42,5	47,5	3
RR13X16,2X2-N	13	16,2	2	RR19X25X3-V	19	25	3	RR42,5X47,5X3-P	42,5	47,5	3
				RR22,53X27,13X2,62-N	22,53	27,13	2,62	RR42,5X47,5X3-V	42,5	47,5	3
				RR22,53X27,13X2,62-P	22,53	27,13	2,62				

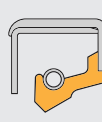
Akselitiivisteet



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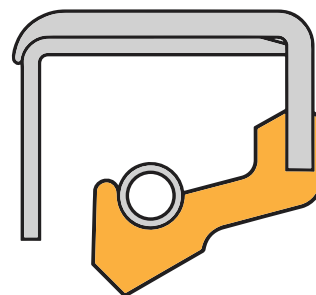
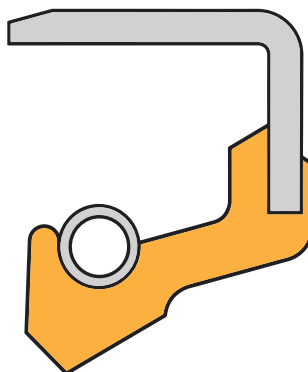
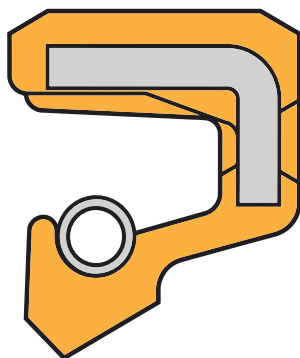


112



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AKSELITIIVISTEET



OMINAISUUDET

Materiaali
Lämpötila

NBR
-30 – +110 °C

Viton
-20 – +200 °C

A

V

Vitoninen

-AS

Pölyhuulella

-ASV

Vitoninen pölyhuulella

-BABSL

Paineenkestävä (<10bar)

-VBABSL

Vitoninen paineenkestävä (<10bar)

-BAHD

Korkeapainetiiviste (<150bar)

B

BS

Pölyhuulella

C

CS

Pölyhuulella

CAS

Kasettitiiviste

Tuotekoodi	d	D	H	A8X16X7V	8	16	7
A4X11X6V	4	11	6	A8X18X5AS	8	18	5
A4X12X6	4	12	6	A8X20X7	8	20	7
A4X12X6V	4	12	6	A8X22X6BABSL	8	22	6
A5X15X6	5	15	6	A8X22X7AS	8	22	7
A5X15X6V	5	15	6	A8X24X7	8	24	7
A5X16X6	5	16	6	A9X16X4	9	16	4
A6X12X4	6	12	4	B9X17X4,5	9	17	4,5
A6X13X4,5	6	13	4,5	A9X18X7	9	18	7
A6X16X7	6	16	7	A9X19X5AS	9	19	5
A6X22X7	6	22	7	A9X20X6BABSL	9	20	6
A6,35X19,05X6,35	6,35	19,05	6,35	A9X20X7AS	9	20	7
A7X14X5	7	14	5	A9X22X7AS	9	22	7
A7X16X7	7	16	7	A9X24X7	9	24	7
A7X16X7AS	7	16	7	A9X26X7	9	26	7
A7X22X7AS	7	22	7	A9,52X19,05X6,35	9,52	19,05	6,35
A7,93X19,05X6,35	7,93	19,05	6,35	A9,52X22,22X6,35AS	9,52	22,22	6,35
A8X14X4	8	14	4	A10X16X4	10	16	4
A8X16X5AS	8	16	5	A10X16X5AS	10	16	5
A8X16X7AS	8	16	7	A10X17X6	10	17	6

A10X18X4	10	18	4	A12,7X25,4X6,35AS	12,7	25,4	6,35	A15X42X7AS	15	42	7
A10X18X6AS	10	18	6	A12,7X28,57X6,35AS	12,7	28,57	6,35	A15X42X10	15	42	10
A10X18X6ASV	10	18	6	A12,7X31,75X6,35	12,7	31,75	6,35	A15X42X10AS	15	42	10
A10X19X7	10	19	7	B13X20X4BS	13	20	4	A15,87X25,4X4,76	15,87	25,4	4,76
A10X19X7AS	10	19	7	A13X22X5	13	22	5	A15,87X25,4X6,35	15,87	25,4	6,35
A10X19X7BABSL	10	19	7	A13X22X6	13	22	6	A15,87X26,98X4,76	15,87	26,98	4,76
A10X20X6	10	20	6	A13X24X7AS	13	24	7	A15,87X28,58X6,35	15,87	28,58	6,35
A10X20X7AS	10	20	7	A13X25X7AS	13	25	7	A15,87X28,58X7,93	15,87	28,58	7,93
A10X20X7ASV	10	20	7	A13X26X7AS	13	26	7	A15,87X28,58X7,93BABSL	15,87	28,58	7,93
A10X22X5AS	10	22	5	A13X30X7	13	30	7	A15,87X28,58X9,52	15,87	28,58	9,52
A10X22X6BABSL	10	22	6	A14X22X4AS	14	22	4	A15,87X31,75X6,35	15,87	31,75	6,35
A10X22X7	10	22	7	A14X22X4V	14	22	4	A15,87X34,92X6,35	15,87	34,92	6,35
A10X22X7AS	10	22	7	A14X22X5AS	14	22	5	A16X22X7AS	16	22	7
A10X22X7V	10	22	7	A14X22X7	14	22	7	A16X24X5ASV	16	24	5
A10X24X7	10	24	7	A14X24X5AS	14	24	5	A16X24X7AS	16	24	7
A10X25X7AS	10	25	7	A14X24X7AS	14	24	7	A16X25X7	16	25	7
A10X26X7	10	26	7	A14X24X7ASV	14	24	7	A16X26X7AS	16	26	7
A10X26X7AS	10	26	7	A14X24X7BABSL	14	24	7	A16X26X7BABSL	16	26	7
A10X30X8	10	30	8	A14X25X5AS	14	25	5	A16X28X7AS	16	28	7
A11X19X5	11	19	5	A14X25X7AS	14	25	7	A16X28X7BABSL	16	28	7
A11X22X7AS	11	22	7	A14X26X7	14	26	7	A16X30X7AS	16	30	7
A11X22X7V	11	22	7	A14X26X7AS	14	26	7	A16X30X7ASV	16	30	7
A11X22X7BABSL	11	22	7	A14X26X7ASV	14	26	7	A16X30X7BABSL	16	30	7
A11X26X7	11	26	7	A14X28X7	14	28	7	A16X32X7AS	16	32	7
A11,11X22,22X6,35AS	11,11	22,22	6,35	A14X28X7AS	14	28	7	A16X32X7ASV	16	32	7
A11,11X25,4X6,35AS	11,11	25,4	6,35	A14X28X7BABSL	14	28	7	A16X35X7	16	35	7
A11,11X25,4X9,52BABSL	11,11	25,4	9,52	A14X30X7	14	30	7	A16X36X7	16	36	7
A12X18X3	12	18	3	A14X35X7AS	14	35	7	A17X25X4	17	25	4
A12X18X5	12	18	5	A14,28X25,4X6,35AS	14,28	25,4	6,35	A17X26X7	17	26	7
A12X19X5AS	12	19	5	A14,28X28,57X9,52	14,28	28,57	9,52	A17X27X7	17	27	7
A12X20X5	12	20	5	A15X24X5	15	24	5	A17X28X5	17	28	5
A12X20X5AS	12	20	5	A15X24X7	15	24	7	A17X28X6VBABSL	17	28	6
A12X21X4	12	21	4	A15X24X7AS	15	24	7	A17X28X7	17	28	7
A12X21X5	12	21	5	A15X24X7BABSL	15	24	7	A17X28X7AS	17	28	7
A12X22X5	12	22	5	A15X25X5	15	25	5	A17X28X7BABSL	17	28	7
A12X22X6BABSL	12	22	6	A15X25X5AS	15	25	5	A17X29X7AS	17	29	7
A12X22X7	12	22	7	A15X25X6BABSL	15	25	6	A17X30X6BABSL	17	30	6
A12X22X7AS	12	22	7	A15X26X4,5	15	26	4,5	A17X30X6VBABSL	17	30	6
A12X22X7ASV	12	22	7	A15X26X7	15	26	7	A17X30X7	17	30	7
A12X24X4,5	12	24	4,5	A15X26X7AS	15	26	7	A17X30X7AS	17	30	7
A12X24X7	12	24	7	A15X26X7ASV	15	26	7	A17X30X7ASV	17	30	7
A12X24X7AS	12	24	7	A15X27X7AS	15	27	7	A17X30X7V	17	30	7
A12X25X5AS	12	25	5	A15X28X4AS	15	28	4	A17X30X7BABSL	17	30	7
A12X25X8	12	25	8	A15X28X5	15	28	5	A17X30X7VBABSL	17	30	7
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A12X26X7	12	26	7	A15X30X7	15	30	7	A17X32X7AS	17	32	7
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A12X28X7	12	28	7	A15X30X7ASV	15	30	7	A17X35X7BABSL	17	35	7
A12X28X7AS	12	28	7	A15X30X7BABSL	15	30	7	A17X35X7VBABSL	17	35	7
A12X28X7ASV	12	28	7	A15X30X7VBABSL	15	30	7	A17X37X7	17	37	7
A12X28X7BABSL	12	28	7	A15X32X5,5V	15	32	5,5	A17X40X7	17	40	7
A12X30X7	12	30	7	A15X32X7	15	32	7	A17X40X7AS	17	40	7
A12X30X7AS	12	30	7	A15X32X7AS	15	32	7	A17X47X8AS	17	47	8
A12X32X7AS	12	32	7	A15X32X7ASV	15	32	7	A17,15X34,925X7,62BABSL	17,15	34,925	7,62
A12X32X7BABSL	12	32	7	A15X32X7BABSL	15	32	7	A17,46X28,57X6,35	17,46	28,57	6,35
A12X35X7	12	35	7	A15X35X6BABSL	15	35	6	A17,46X28,58X6,35BABSL	17,46	28,58	6,35
A12X37X7AS	12	37	7	A15X35X7	15	35	7	A17,46X28,58X6,35VBABSL	17,46	28,58	6,35
A12X45X7	12	45	7	A15X35X7AS	15	35	7	A17,46X28,58X6,35VBABSL	17,46	28,58	6,35
A12,5X19X5	12,5	19	5	A15X35X10AS	15	35	10	A17,46X30,16X6,35BABSL	17,46	30,16	6,35
A12,5X20X5	12,5	20	5	A15X37X7AS	15	37	7				
A12,7X22,22X6,35	12,7	22,22	6,35	A15X42X7	15	42	7				
A12,7X22,22X6,35BABSL	12,7	22,22	6,35								

A17,46X31,75X6,35	17,46	31,75	6,35	A20X36X7	20	36	7	A23X40X7AS	23	40	7
A18X26X5BABSL	18	26	5	A20X36X7AS	20	36	7	A23X40X10	23	40	10
A18X26X6	18	26	6	A20X37X7	20	37	7	A23X47X4AS	23	47	4
A18X28X7	18	28	7	A20X37X8AS	20	37	8	A23X47X7AS	23	47	7
A18X28X7AS	18	28	7	A20X38X7AS	20	38	7	A23,81X38,1X9,52	23,81	38,1	9,52
A18X28X7VBABSL	18	28	7	A20X38X8AS	20	38	8	A23,81X44,45X7,93AS	23,81	44,45	7,93
A18X30X6AS	18	30	6	A20X40X7AS	20	40	7	A23,81X44,45X9,52	23,81	44,45	9,52
A18X30X6BABSL	18	30	6	A20X40X7ASV	20	40	7	A24X33X5BABSL	24	33	5
A18X30X6VBABSL	18	30	6	A20X40X7VBABSL	20	40	7	A24X35X7AS	24	35	7
A18X30X7	18	30	7	A20X40X10AS	20	40	10	A24X35X7V	24	35	7
A18X30X7AS	18	30	7	A20X42X6BABSL	20	42	6	A24X37X5AS	24	37	5
A18X32X6BABSL	18	32	6	A20X42X7AS	20	42	7	A24X37X7AS	24	37	7
A18X32X7	18	32	7	A20X42X7ASV	20	42	7	A24X40X7AS	24	40	7
A18X32X7AS	18	32	7	A20X42X10AS	20	42	10	A24X40X7BABSL	24	40	7
A18X32X7ASV	18	32	7	A20X45X7AS	20	45	7	A24X40X10V	24	40	10
A18X35X6BABSL	18	35	6	A20X45X7BABSL	20	45	7	A24X42X7	24	42	7
A18X35X7	18	35	7	A20X47X6VBABSL	20	47	6	A24X47X7AS	24	47	7
A18X35X7AS	18	35	7	A20X47X7AS	20	47	7	A24X47X7ASV	24	47	7
A18X37X8AS	18	37	8	A20X47X7ASV	20	47	7	A24X47X7BABSL	24	47	7
A18X40X7	18	40	7	A20X47X10AS	20	47	10	A24,51X42,85X7,93BABSL	24,51	42,85	7,93
A19X27X6	19	27	6	A20X52X7	20	52	7	A25X32X7AS	25	32	7
A19X30X6	19	30	6	A20X52X7V	20	52	7	A25X33X6	25	33	6
A19X30X7VBABSL	19	30	7	A20X62X6,5	20	62	6,5	A25X33X6BABSL	25	33	6
A19X32X7	19	32	7	A20,64X34,92X6,35	20,64	34,92	6,35	A25X34X7AS	25	34	7
A19X32X7AS	19	32	7	A20,64X38,1X6,35	20,64	38,1	6,35	A25X35X6BABSL	25	35	6
A19X32X7V	19	32	7	A22X28X6VBABSL	22	28	6	A25X35X6VBABSL	25	35	6
A19X35X6VBABSL	19	35	6	A22X30X7	22	30	7	A25X35X7AS	25	35	7
A19X36X7	19	36	7	A22X30X7V	22	30	7	A25X36X6BABSL	25	36	6
A19X36X8	19	36	8	A22X32X6BABSL	22	32	6	A25X37X5	25	37	5
A19,05X28,57X4,76	19,05	28,57	4,76	A22X32X6VBABSL	22	32	6	A25X37X6BABSL	25	37	6
A19,05X28,57X6,35AS	19,05	28,57	6,35	A22X32X7AS	22	32	7	A25X37X6VBABSL	25	37	6
A19,05X31,75X6,35AS	19,05	31,75	6,35	A22X34X7	22	34	7	A25X37X7AS	25	37	7
A19,05X31,75X6,35BABSL	19,05	31,75	6,35	A22X35X6BABSL	22	35	6	A25X38X7ASV	25	38	7
A19,05X31,75X7,93	19,05	31,75	7,93	A22X35X6VBABSL	22	35	6	A25X38X8AS	25	38	8
A19,05X33,3X7,93	19,05	33,3	7,93	A22X35X7AS	22	35	7	A25X38X10AS	25	38	10
A19,05X33,3X7,93BABSL	19,05	33,3	7,93	A22X36X8AS	22	36	8	A25X40X5AS	25	40	5
A19,05X34,92X6,35	19,05	34,92	6,35	A22X37X7	22	37	7	A25X40X7	25	40	7
A19,05X38,1X9,52AS	19,05	38,1	9,52	A22X38X6VBABSL	22	38	6	A25X40X7AS	25	40	7
A19,05X41,27X7,93	19,05	41,27	7,93	A22X38X8AS	22	38	8	A25X40X7ASV	25	40	7
A19,05X44,45X7,93	19,05	44,45	7,93	A22X40X7AS	22	40	7	A25X40X7BABSL	25	40	7
A19,5X30X6VBABSL	19,5	30	6	A22X40X8BABSL	22	40	8	A25X40X10AS	25	40	10
A20X28X6	20	28	6	A22X42X7AS	22	42	7	A25X40X10ASV	25	40	10
A20X28X6V	20	28	6	A22X42X11BABSL	22	42	11	A25X41,2X6V	25	41,2	6
A20X28X7AS	20	28	7	A22X45X7AS	22	45	7	A25X42X6BABSL	25	42	6
A20X30X5AS	20	30	5	A22X47X7AS	22	47	7	A25X42X6VBABSL	25	42	6
A20X30X5ASV	20	30	5	A22,22X31,75X6,35	22,22	31,75	6,35	A25X42X7AS	25	42	7
A20X30X7AS	20	30	7	A22,22X34,92X6,35	22,22	34,92	6,35	A25X42X7ASV	25	42	7
A20X30X7ASV	20	30	7	A22,22X34,92X6,35BABSL	22,22	34,92	6,35	A25X42X10AS	25	42	10
A20X30X7BABSL	20	30	7	A22,22X34,92X9,52	22,22	34,92	9,52	A25X44X7AS	25	44	7
A20X32X5AS	20	32	5	A22,22X38,1X6,35	22,22	38,1	6,35	A25X45X7AS	25	45	7
A20X32X6VBABSL	20	32	6	A22,22X38,1X6,35BABSL	22,22	38,1	6,35	A25X45X10AS	25	45	10
A20X32X7AS	20	32	7	A22,22X38,1X9,52	22,22	38,1	9,52	A25X45X10ASV	25	45	10
A20X34X7AS	20	34	7	A22,22X41,27X9,52	22,22	41,27	9,52	A25X45X11BABSL	25	45	11
A20X35X4,5AS	20	35	4,5	A22,22X44,45X9,52	22,22	44,45	9,52	A25X46X9,5VBABSL	25	46	9,5
A20X35X6BABSL	20	35	6	A22,22X47,62X6,35	22,22	47,62	6,35	A25X47X6BABSL	25	47	6
A20X35X6VBABSL	20	35	6	B23X32X5	23	32	5	A25X47X7AS	25	47	7
A20X35X7AS	20	35	7	A23X35X7AS	23	35	7	A25X47X7ASV	25	47	7
A20X35X7ASV	20	35	7	A23X38X7	23	38	7	A25X47X10AS	25	47	10

A25X48X10AS	25	48	10	A28X44X7AS	28	44	7	A30X50X10AS	30	50	10
A25X50X10AS	25	50	10	A28X45X7AS	28	45	7	A30X50X10V	30	50	10
A25X52X7AS	25	52	7	A28X47X7AS	28	47	7	A30X50X12AS	30	50	12
A25X52X7ASV	25	52	7	A28X47X10ASV	28	47	10	A30X52X7AS	30	52	7
A25X52X7BABSL	25	52	7	A28X48X11AS	28	48	11	A30X52X7ASV	30	52	7
A25X52X10AS	25	52	10	A28X50X8	28	50	8	A30X52X7BABSL	30	52	7
A25X58X10	25	58	10	A28X50X10	28	50	10	A30X52X7VBABSL	30	52	7
A25X62X8AS	25	62	8	A28X52X7AS	28	52	7	A30X52X8	30	52	8
A25X62X10AS	25	62	10	A28X52X7ASV	28	52	7	A30X52X10AS	30	52	10
A25,4X36,51X6,35	25,4	36,51	6,35	A28,5X42X5BABSL	28,5	42	5	A30X55X7AS	30	55	7
A25,4X38,1X6,35AS	25,4	38,1	6,35	A28,56X42X5,5BABSL	28,56	42	5,5	A30X55X10AS	30	55	10
A25,4X38,1X6,35BABSL	25,4	38,1	6,35	A28,56X48X6BAHD	28,56	48	6	A30X56X8	30	56	8
A25,4X41,27X6,35AS	25,4	41,27	6,35	A28,57X38,1X6,35	28,57	38,1	6,35	A30X56X10	30	56	10
A25,4X41,27X9,52	25,4	41,27	9,52	A28,57X39,69X9,52	28,57	39,69	9,52	A30X56X12	30	56	12
A25,4X44,45X6,35	25,4	44,45	6,35	A28,57X41,27X6,35	28,57	41,27	6,35	A30X60X10	30	60	10
A25,4X44,45X7,93BABSL	25,4	44,45	7,93	A28,57X41,27X7,93	28,57	41,27	7,93	A30X62X7	30	62	7
A25,40X47,62X6,35	25,4	47,62	6,35	A28,57X42,87X6,35	28,57	42,87	6,35	A30X62X7AS	30	62	7
A25,4X47,62X9,52AS	25,4	47,62	9,52	A28,57X44,45X9,52	28,57	44,45	9,52	A30X62X7P	30	62	7
A25,4X50,8X6,3	25,4	50,8	6,3	A28,57X47,63X6,35	28,57	47,63	6,35	A30X62X7V	30	62	7
A26X35X7	26	35	7	A28,57X47,63X6,35BABSL	28,57	47,63	6,35	A30X62X10AS	30	62	10
A26X36X7AS	26	36	7	A28,57X50,8X6,35AS	28,57	50,8	6,35	A30X63X9,1P	30	63	9,1
A26X37X7AS	26	37	7	A28,57X50,8X6,35BABSL	28,57	50,8	6,35	A30X68X10AS	30	68	10
A26X38X5AS	26	38	5	A28,57X50,8X6,35VBABSL	28,57	50,8	6,35	A30X72X10AS	30	72	10
A26X38X7AS	26	38	7	A28,57X50,8X9,52AS	28,57	50,8	9,52	A30,16X42,86X9,52	30,16	42,86	9,52
A26X40X6VBABSL	26	40	6	A28,57X53,97X9,52	28,57	53,97	9,52	A30,16X44,45X6,35	30,16	44,45	6,35
A26X40X7AS	26	40	7	A29X43X7	29	43	7	A30,16X47,62X7,93	30,16	47,62	7,93
A26X42X6	26	42	6	A30X36X5	30	36	5	A30,16X50,8X6,35	30,16	50,8	6,35
A26X42X7AS	26	42	7	A30X40X5BABSL	30	40	5	A30,16X50,8X9,52	30,16	50,8	9,52
A26X42X7ASV	26	42	7	A30X40X6BABSL	30	40	6	A31X52X9	31	52	9
A26X42X10AS	26	42	10	A30X40X7	30	40	7	A31,75X41,27X6,35	31,75	41,27	6,35
A26X45X7	26	45	7	A30X40X7AS	30	40	7	A31,75X42,86X6,35AS	31,75	42,86	6,35
A26X47X7AS	26	47	7	A30X40X7VBABSL	30	40	7	A31,75X44,45X6,35	31,75	44,45	6,35
A26X52X7AS	26	52	7	A30X42X6BABSL	30	42	6	A31,75X44,45X6,35BABSL	31,75	44,45	6,35
A26,98X38,1X6,35	26,98	38,1	6,35	A30X42X6VBABSL	30	42	6	A31,75X47,63X7,93	31,75	47,63	7,93
A26,98X41,27X7,93	26,98	41,27	7,93	A30X42X7AS	30	42	7	A31,75X50,8X6,35	31,75	50,8	6,35
A27X37X7AS	27	37	7	A30X42X7ASV	30	42	7	A31,75X50,8X6,35AS	31,75	50,8	6,35
A27X38X7	27	38	7	A30X42X7DUO	30	42	7	A31,75X50,8X7,93AS	31,75	50,8	7,93
A27X39X6VBABASL	27	39	6	A30X44X7AS	30	44	7	A31,75X50,8X9,52	31,75	50,8	9,52
A27X39X6VBABSL	27	39	6	A30X44X10AS	30	44	10	A31,75X53,97X7,93	31,75	53,97	7,93
A27X40X7AS	27	40	7	A30X45X5AS	30	45	5	A31,75X57,15X12,7	31,75	57,15	12,7
A27X41X10	27	41	10	A30X45X8AS	30	45	8	A31,75X63,5X9,52	31,75	63,5	9,52
A27X42X7AS	27	42	7	A30X45X8ASV	30	45	8	A31,75X69,85X9,52	31,75	69,85	9,52
A27X42X7BABSL	27	42	7	A30X45X10AS	30	45	10	A32X40X7AS	32	40	7
A27X43X9AS	27	43	9	A30X45X10BABSL	30	45	10	A32X40X7ASV	32	40	7
A27X44X7BABSL	27	44	7	A30X46X7AS	30	46	7	A32X42X5	32	42	5
A27X45X8AS	27	45	8	A30X47X7AS	30	47	7	A32X42X7AS	32	42	7
A27X47X6	27	47	6	A30X47X7ASV	30	47	7	A32X42X7B	32	42	7
A27X47X10	27	47	10	A30X47X7VBABSL	30	47	7	A32X44X8BABSL	32	44	8
A27X50X10	27	50	10	A30X47X8V	30	47	8	A32X44X10AS	32	44	10
A28X35X4ASV	28	35	4	A30X47X10	30	47	10	A32X45X7AS	32	45	7
A28X38X7AS	28	38	7	A30X47X10AS	30	47	10	A32X45X7ASV	32	45	7
A28X40X5	28	40	5	A30X48X6VBABSL	30	48	6	A32X47X6BABSL	32	47	6
A28X40X6BABSL	28	40	6	A30X48X8AS	30	48	8	A32X47X6VBABSL	32	47	6
A28X40X6VBABSL	28	40	6	A30X50X7AS	30	50	7	A32X47X7AS	32	47	7
A28X40X7AS	28	40	7	A30X50X7BS	30	50	7	A32X47X10AS	32	47	10
A28X40X9BABSL	28	40	9	A30X50X7V	30	50	7	A32X48X8AS	32	48	8
A28X42X7AS	28	42	7	A30X50X7BABSL	30	50	7	A32X50X7AS	32	50	7
A28X43X10	28	43	10	A30X50X10	30	50	10	A32X50X8AS	32	50	8

A32X50X10AS	32	50	10	A35X52X7AS	35	52	7	A36,51X63,5X12,7	36,51	63,5	12,7
A32X52X6BABSL	32	52	6	A35X52X10AS	35	52	10	A37X52X8	37	52	8
A32X52X7AS	32	52	7	A35X52X10ASV	35	52	10	A37X62X8	37	62	8
A32X52X8AS	32	52	8	A35X54X5,5VBABSL	35	54	5,5	A37X62X12	37	62	12
A32X52X10AS	32	52	10	A35X55X7AS	35	55	7	A38X50X6BABSL	38	50	6
A32X52X10B	32	52	10	A35X55X8AS	35	55	8	A38X50X6VBABSL	38	50	6
A32X54X10AS	32	54	10	A35X55X10AS	35	55	10	A38X50X7AS	38	50	7
A32X55X9VBABSL	32	55	9	A35X55X11BABSL	35	55	11	A38X50X7ASV	38	50	7
A32X55X10AS	32	55	10	A35X55X11VBABSL	35	55	11	A38X50X8AS	38	50	8
A32X56X10AS	32	56	10	A35X55X12B	35	55	12	A38X52X7AS	38	52	7
A32X62X10AS	32	62	10	A35X56X10AS	35	56	10	A38X52X7ASV	38	52	7
A32X72X8AS	32	72	8	A35X58X10AS	35	58	10	A38X54X6,5	38	54	6,5
A33X43X7	33	43	7	A35X58X10BABSL	35	58	10	A38X54X10AS	38	54	10
A33X45X7AS	33	45	7	A35X60X8AS	35	60	8	A38X55X7AS	38	55	7
A33X50X10AS	33	50	10	A35X60X10AS	35	60	10	A38X55X7ASV	38	55	7
A33X62X7AS	33	62	7	C35X60X10	35	60	10	A38X56X10	38	56	10
A33,33X47,62X6,35	33,33	47,62	6,35	A35X62X7AS	35	62	7	A38X58X7AS	38	58	7
A33,33X47,62X7,9	33,33	47,62	7,9	A35X62X7ASV	35	62	7	B38X58X8BS	38	58	8
A33,33X53,97X9,52	33,33	53,97	9,52	A35X62X7BABSL	35	62	7	A38X58X11AS	38	58	11
A33,34X72,39X9,52BABSL	33,34	72,39	9,52	A35X62X10AS	35	62	10	A38X58X11BABSL	38	58	11
A34X44X7	34	44	7	A35X62X12AS	35	62	12	A38X60X8AS	38	60	8
A34X46X8AS	34	46	8	A35X65X7AS	35	65	7	A38X60X10	38	60	10
A34X47X7AS	34	47	7	A35X65X10AS	35	65	10	A38X62X7AS	38	62	7
A34X48X8AS	34	48	8	A35X65X10ASV	35	65	10	A38X62X7BABSL	38	62	7
A34X50X7AS	34	50	7	A35X68X6	35	68	6	A38X62X10AS	38	62	10
A34X50X10AS	34	50	10	A35X68X10AS	35	68	10	A38X72X10AS	38	72	10
A34X52X8	34	52	8	A35X68X10V	35	68	10	A38X74X10	38	74	10
A34X54X11AS	34	54	11	A35X70X10	35	70	10	A38,1X50,8X6,35	38,1	50,8	6,35
A34X62X10	34	62	10	A35X72X7AS	35	72	7	A38,1X50,8X6,35BABSL	38,1	50,8	6,35
A34X72X10AS	34	72	10	A35X72X7ASV	35	72	7	A38,1X50,8X7,93	38,1	50,8	7,93
A34,1X53,98X9,52	34,1	53,98	9,52	A35X72X10	35	72	10	A38,1X52,38X7,92	38,1	52,38	7,92
A34,92X44,45X6,35	34,92	44,45	6,35	A35X72X10AS	35	72	10	A38,1X52,38X9,52	38,1	52,38	9,52
A34,92X47,62X7,93	34,92	47,62	7,93	C35X72X10	35	72	10	A38,1X53,98X9,52	38,1	53,98	9,52
A34,92X49,21X14,28	34,92	49,21	14,28	A35X72X12AS	35	72	12	A38,1X57,15X7,93BABSL	38,1	57,15	7,93
A34,92X50,8X7,93	34,92	50,8	7,93	A35X76X9AS	35	76	9	A38,1X57,15X7,93VBABSL	38,1	57,15	7,93
A34,92X50,8X7,93VBABSL	34,92	50,8	7,93	A35X80X10AS	35	80	10	A38,1X57,15X9,52AS	38,1	57,15	9,52
A34,92X50,8X12,7	34,92	50,8	12,7	A35X80X12	35	80	12	A38,1X57,15X9,52BABSL	38,1	57,15	9,52
A34,92X53,98X7,93	34,92	53,98	7,93	A35X80X12ASV	35	80	12	A38,1X60,3X12,7	38,1	60,3	12,7
A34,92X53,98X9,52	34,92	53,98	9,52	A36X46X7AS	36	46	7	A38,1X60,32X9,52AS	38,1	60,32	9,52
A34,92X57,15X8,85BABSL	34,92	57,15	8,85	A36X47X7AS	36	47	7	A38,1X63,5X9,52	38,1	63,5	9,52
A34,92X57,15X9,52AS	34,92	57,15	9,52	A36X48X5BABSL	36	48	5	A38,1X63,5X12,7	38,1	63,5	12,7
A34,92X60,33X12,7	34,92	60,33	12,7	A36X48X10	36	48	10	A38,1X69,85X9,52AS	38,1	69,85	9,52
A34,92X63,5X12,7	34,92	63,5	12,7	A36X50X7AS	36	50	7	A39,68X60,3X9,52	39,68	60,3	9,52
A35X45X7AS	35	45	7	A36X50X10	36	50	10	A39,68X63,50X9,52	39,68	63,5	9,52
A35X47X6BABSL	35	47	6	A36X52X7AS	36	52	7	A40X50X7AS	40	50	7
A35X47X6VBABSL	35	47	6	A36X52X9AS	36	52	9	A40X50X8	40	50	8
A35X47X7AS	35	47	7	A36X54X7AS	36	54	7	A40X52X5AS	40	52	5
A35X47X7ASV	35	47	7	A36X56X10	36	56	10	A40X52X6V	40	52	6
A35X48X5,5BABSL	35	48	5,5	A36X56X10AS	36	56	10	A40X52X7AS	40	52	7
A35X48X8AS	35	48	8	A36X58X10	36	58	10	A40X52X7ASV	40	52	7
A35X50X7BABSL	35	50	7	A36X58X10/16	36	58	10/16	A40X52X7BABSL	40	52	7
A35X50X7VBABSL	35	50	7	A36X59X9,5	36	59	9,5	A40X52X7VBABSL	40	52	7
A35X50X8AS	35	50	8	A36X62X7	36	62	7	A40X52X10	40	52	10
A35X50X10AS	35	50	10	A36X62X7AS	36	62	7	B40X54X7BS	40	54	7
A35X52X5BAHD	35	52	5	A36X62X7ASV	36	62	7	A40X55X6BABSL	40	55	6
A35X52X6BABSL	35	52	6	A36X68X10	36	68	10	A40X55X6VBABSL	40	55	6
A35X52X6VBABSL	35	52	6	A36,51X52,38X7,93AS	36,51	52,38	7,93	A40X55X7	40	55	7
A35X52X7	35	52	7	A36,51X57,15X9,52AS	36,51	57,15	9,52	A40X55X7AS	40	55	7

A40X55X8AS	40	55	8	A41,27X69,85X12,7	41,27	69,85	12,7	A44,45X80,96X12,7	44,45	80,96	12,7
B40X55X8BS	40	55	8	A41,9X60,1X9,52BABSL	41,9	60,1	9,52	A45X55X7AS	45	55	7
A40X56X6BABSL	40	56	6	A42X52X7ASV	42	52	7	B45X55X7	45	55	7
A40X56X7AS	40	56	7	A42X52X8AS	42	52	8	A45X55X7BABSL	45	55	7
A40X56X8	40	56	8	A42X55X7AS	42	55	7	A45X56X7AS	45	56	7
A40X56X8AS	40	56	8	A42X55X7ASV	42	55	7	A45X58X7AS	45	58	7
A40X56X10AS	40	56	10	A42X55X10AS	42	55	10	A45X58X7BABSL	45	58	7
A40X58X8AS	40	58	8	A42X56X7AS	42	56	7	A45X59,13X10B	45	59,13	10
A40X58X8ASV	40	58	8	A42X56X7ASV	42	56	7	A45X60X7AS	45	60	7
A40X58X8BABSL	40	58	8	A42X56X10	42	56	10	A45X60X7V	45	60	7
A40X58X10AS	40	58	10	A42X56,15X9,5VBABSL	42	56,15	9,5	A45X60X8AS	45	60	8
A40X60X7	40	60	7	B42X58X7BS	42	58	7	A45X60X10AS	45	60	10
A40X60X7AS	40	60	7	A42X60X7AS	42	60	7	C45X60X10	45	60	10
A40X60X10AS	40	60	10	A42X60X7ASV	42	60	7	A45X62X6VBABSL	45	62	6
A40X60X10ASV	40	60	10	A42X62X7AS	42	62	7	A45X62X7AS	45	62	7
A40X60X10BABSL	40	60	10	A42X62X7BABSL	42	62	7	A45X62X7BABSL	45	62	7
C40X60X12	40	60	12	A42X62X7VBABSL	42	62	7	A45X62X7VBABSL	45	62	7
A40X62X6BABSL	40	62	6	A42X62X10AS	42	62	10	A45X62X8AS	45	62	8
A40X62X6VBABSL	40	62	6	A42X65X8	42	65	8	A45X62X10AS	45	62	10
A40X62X7AS	40	62	7	A42X65X10AS	42	65	10	A45X65X7BABSL	45	65	7
A40X62X7AS-PV	40	62	7	A42X68X10AS	42	68	10	A45X65X7VBABSL	45	65	7
A40X62X8AS	40	62	8	A42X72X6,5VBABSL	42	72	6,5	A45X65X8AS	45	65	8
A40X62X10	40	62	10	A42X72X8AS	42	72	8	A45X65X10AS	45	65	10
A40X62X10AS	40	62	10	A42X72X10AS	42	72	10	A45X65X10V	45	65	10
A40X62X11BABSL	40	62	11	A42X75X12AS	42	75	12	A45X65X6/7BAHD	45	65	6/7
C40X62X12	40	62	12	A42X80X10	42	80	10	A45X66X6	45	66	6
A40X65X8AS	40	65	8	A42,86X63,5X9,52	42,86	63,5	9,52	A45X66X10	45	66	10
A40X65X10AS	40	65	10	A42,86X66,67X9,52AS	42,86	66,67	9,52	A45X68X10AS	45	68	10
A40X65X12C	40	65	12	A42,86X68,26X12,7	42,86	68,26	12,7	A45X68X12AS	45	68	12
A40X67X7VBABSL	40	67	7	A43X54X6AS	43	54	6	A45X68X12BABSL	45	68	12
A40X68X6	40	68	6	A43X54X9AS	43	54	9	A45X72X8AS	45	72	8
A40X68X10AS	40	68	10	A43X56X7	43	56	7	A45X72X8V	45	72	8
A40X70X5BABSL	40	70	5	A43X58X7AS	43	58	7	A45X75X8	45	75	8
A40X70X8AS	40	70	8	A43X60X10	43	60	10	A45X75X8AS	45	75	8
A40X70X12	40	70	12	A43X60X10V	43	60	10	A45X75X8ASV	45	75	8
A40X70X12AS	40	70	12	A43X62X8AS	43	62	8	A45X75X8BABSL	45	75	8
A40X72X7AS	40	72	7	A43X75X10	43	75	10	A45X75X10AS	45	75	10
A40X72X10	40	72	10	A44X56X7AS	44	56	7	A45X80X7VBABSL	45	80	7
A40X72X10AS	40	72	10	A44X60X10AS	44	60	10	A45X80X10AS	45	80	10
A40X72X12AS	40	72	12	A44X62X7AS	44	62	7	A45X85X10AS	45	85	10
C40X72X12	40	72	12	A44X65X10AS	44	65	10	A45X90X10AS	45	90	10
A40X75X10AS	40	75	10	A44X72X10	44	72	10	A45X100X10AS	45	100	10
A40X80X7,5VBABSL	40	80	7,5	A44X80X10AS	44	80	10	A46X58X7AS	46	58	7
A40X80X10AS	40	80	10	A44,45X53,97X4,76	44,45	53,97	4,76	A46X62X8AS	46	62	8
A40X80X10ASV	40	80	10	A44,45X57,15X7,93	44,45	57,15	7,93	A46X65X9AS	46	65	9
A40X85X10	40	85	10	A44,45X57,15X7,93VBABSL	44,45	57,15	7,93	A46X65X10ASV	46	65	10
A40X90X8AS	40	90	8	A44,45X57,15X9,52	44,45	57,15	9,52	A46X95X9AS	46	95	9
A40X90X12AS	40	90	12	A44,45X60X7VBABSL	44,45	60	7	A46,03X66,67X9,52	46,03	66,67	9,52
A41X53X8AS	41	53	8	A44,45X60,3X7,93	44,45	60,3	7,93	A47X58X7	47	58	7
A41X56X10	41	56	10	A44,45X60,3X9,52	44,45	60,3	9,52	A47X62X7BABSL	47	62	7
A41,27X53,97X6,35	41,27	53,97	6,35	A44,45X63,5X7,93	44,45	63,5	7,93	A47X62X7VBABSL	47	62	7
A41,27X57,15X9,52	41,27	57,15	9,52	A44,45X63,5X8,89VBABSL	44,45	63,5	8,89	A47X62X8	47	62	8
A41,27X60,32X7,93	41,27	60,32	7,93	A44,45X63,5X9,52	44,45	63,5	9,52	B47X68X13BS	47	68	13
A41,27X60,32X9,52BABSL	41,27	60,32	9,52	A44,45X66,67X9,52	44,45	66,67	9,52	A47X70X10AS	47	70	10
A41,27X61,91X12,7	41,27	61,91	12,7	A44,45X69,85X9,52	44,45	69,85	9,52	A47,62X60,32X6,35	47,62	60,32	6,35
A41,27X63,5X7,93	41,27	63,5	7,93	A44,45X69,85X12,7AS	44,45	69,85	12,7	A47,62X63,5X6,35	47,62	63,5	6,35
A41,27X63,5X9,52AS	41,27	63,5	9,52	A44,45X73,03X9,52	44,45	73,03	9,52	A47,62X66,67X9,52AS	47,62	66,67	9,52
A41,27X63,5X12,7	41,27	63,5	12,7	A44,45X73,03X12,7	44,45	73,03	12,7	A47,62X69,85X9,52	47,62	69,85	9,52

C47,62X73,02X7,93	47,62	73,02	7,93	A50X72X8/6BAHD	50	72	8/6	C54X85X10	54	85	10
A47,62X73,03X9,52	47,62	73,03	9,52	A50X75X10AS	50	75	10	A55X68X7VBABSL	55	68	7
A47,62X73,03X12,7	47,62	73,03	12,7	A50X75X10V	50	75	10	A55X68X7,5BABSL	55	68	7,5
A47,62X76,2X12,7	47,62	76,2	12,7	C50X75X12	50	75	12	A55X68X8AS	55	68	8
A47,62X80,96X12,7	47,62	80,96	12,7	A50X78X12	50	78	12	A55X68X8ASV	55	68	8
A48X62X7AS	48	62	7	A50X80X7VBABSL	50	80	7	A55X70X7VBABSL	55	70	7
A48X62X8ASV	48	62	8	A50X80X8AS	50	80	8	A55X70X8AS	55	70	8
A48X65X10AS	48	65	10	A50X80X10	50	80	10	A55X70X8ASV	55	70	8
A48X65X10ASV	48	65	10	A50X80X10AS	50	80	10	A55X70X8BABSL	55	70	8
C48X65X10	48	65	10	A50X85X10AS	50	85	10	A55X70X10	55	70	10
A48X65X14	48	65	14	A50X90X8AS	50	90	8	A55X72X7BABSL	55	72	7
A48X68X10	48	68	10	A50X90X10AS	50	90	10	A55X72X7VBABSL	55	72	7
A48X68X10AS	48	68	10	C50X90X10	50	90	10	A55X72X8AS	55	72	8
A48X70X8	48	70	8	A50X100X10	50	100	10	A55X72X8ASV	55	72	8
A48X70X9AS	48	70	9	A50X110X10AS	50	110	10	A55X72X10AS	55	72	10
A48X72X7AS	48	72	7	A50,8X63,5X6,35AS	50,8	63,5	6,35	A55X73X10AS	55	73	10
A48X72X8	48	72	8	A50,8X66,67X7,93	50,8	66,67	7,93	A55X75X7BABSL	55	75	7
A48X72X8AS	48	72	8	A50,8X66,67X9,52AS	50,8	66,67	9,52	A55X75X8AS	55	75	8
A48X72X8ASV	48	72	8	A50,8X68,26X9,52	50,8	68,26	9,52	A55X75X10AS	55	75	10
A48X72X10AS	48	72	10	A50,8X69,85X6,35	50,8	69,85	6,35	A55X75X10ASV	55	75	10
B48X72X10	48	72	10	A50,8X69,85X9,52	50,8	69,85	9,52	A55X75X12	55	75	12
A48X72X12AS	48	72	12	A50,8X73,02X9,52AS	50,8	73,02	9,52	A55X78X8AS	55	78	8
A48X72,5X10	48	72,5	10	A50,8X76,2X9,52	50,8	76,2	9,52	A55X78X10AS	55	78	10
A48X80X13	48	80	13	A50,8X76,2X12,7	50,8	76,2	12,7	A55X78X12BABSL	55	78	12
A49X65X10	49	65	10	A50,8X79,37X9,52	50,8	79,37	9,52	A55X80X8	55	80	8
A49X68X12	49	68	12	A50,8X82,55X9,52	50,8	82,55	9,52	A55X80X10	55	80	10
A49,21X63,5X7,93VBABSL	49,21	63,5	7,93	A52X65X9AS	52	65	9	A55X80X10AS	55	80	10
A49,21X63,5X9,52	49,21	63,5	9,52	A52X67X5,5	52	67	5,5	A55X80X10ASV	55	80	10
A49,21X69,85X9,52	49,21	69,85	9,52	A52X68X8AS	52	68	8	A55X80X10DUO	55	80	10
A50X60X7	50	60	7	A52X68X8ASV	52	68	8	A55X80X13AS	55	80	13
A50X60X10	50	60	10	A52X69X10	52	69	10	A55X82X9,35AS	55	82	9,35
A50X60X12BABSL	50	60	12	A52X72X7VBABSL	52	72	7	A55X85X8AS	55	85	8
A50X62X7	50	62	7	A52X72X8AS	52	72	8	A55X85X8ASV	55	85	8
A50X62X7AS	50	62	7	A52X72X10AS	52	72	10	A55X85X8V	55	85	8
A50X65X7BABSL	50	65	7	A52X72X12AS	52	72	12	A55X85X10AS	55	85	10
A50X65X7VBABSL	50	65	7	A52X75X10	52	75	10	A55X85X10ASV	55	85	10
A50X65X8AS	50	65	8	A52X75X12	52	75	12	A55X90X7VBABSL	55	90	7
A50X65X8ASV	50	65	8	A52X80X10	52	80	10	A55X90X8AS	55	90	8
A50X65X8V	50	65	8	A52X80X13AS	52	80	13	A55X90X10AS	55	90	10
B50X65X8BS	50	65	8	A52X85X10AS	52	85	10	A55X100X10AS	55	100	10
A50X65X8BABSL	50	65	8	C52X90X13	52	90	13	A55X100X10ASV	55	100	10
A50X65X10B	50	65	10	A52X97X10/18ASV	52	97	10/18	A55X100X13ASV	55	100	13
A50X68X7BABSL	50	68	7	A52X100X10AS	52	100	10	C55X100X13	55	100	13
A50X68X7VBABSL	50	68	7	A52,38X66,67X7,93	52,38	66,67	7,93	A56X70X8	56	70	8
A50X68X8	50	68	8	A52,38X73,02X9,52AS	52,38	73,02	9,52	A56X72X8	56	72	8
A50X68X8AS	50	68	8	C52,38X76,2X9,52	52,38	76,2	9,52	A56X80X8	56	80	8
A50X68X10	50	68	10	A53X68X10	53	68	10	A56X85X8	56	85	8
C50X68X10	50	68	10	A53,97X69,85X7,93	53,97	69,85	7,93	A57X80X12AS	57	80	12
A50X70X10AS	50	70	10	A53,97X73,03X9,52	53,97	73,03	9,52	A57X90X13	57	90	13
A50X70X10ASV	50	70	10	A53,97X76,2X9,52AS	53,97	76,2	9,52	A57,15X73,02X9,52AS	57,15	73,02	9,52
C50X70X10	50	70	10	A53,97X76,20X12,7	53,97	76,2	12,7	A57,15X76,2X9,52AS	57,15	76,2	9,52
A50X70X10BABSL	50	70	10	A53,97X77,88X12,7	53,97	77,88	12,7	A57,15X76,2X9,53BABSL	57,15	76,2	9,53
A50X72X7AS	50	72	7	A53,97X79,37X9,52	53,97	79,37	9,52	A57,15X80,96X12,7	57,15	80,96	12,7
A50X72X7ASV	50	72	7	A53,97X82,55X9,52AS	53,97	82,55	9,52	A57,15X82,55X12,7	57,15	82,55	12,7
A50X72X7BABSL	50	72	7	A53,97X88,9X12,7	53,97	88,9	12,7	A57,15X85,72X12,7	57,15	85,72	12,7
A50X72X7VBABSL	50	72	7	A54X70X10AS	54	70	10	A57,15X88,9X9,52	57,15	88,9	9,52
A50X72X10AS	50	72	10	A54X72X10AS	54	72	10	A58X70X6	58	70	6
A50X72X10ASV	50	72	10	A54X80X13AS	54	80	13	A58X72X8AS	58	72	8

A58X75X9	58	75	9	A61,91X82,55X9,52	61,91	82,55	9,52	A65X95X10ASV	65	95	10
A58X78X10	58	78	10	A62X75X7,5BABSL	62	75	7,5	A65X97X7,5VBABSL	65	97	7,5
A58X80X8AS	58	80	8	B62X75X10	62	75	10	A65X100X10AS	65	100	10
A58X80X8ASV	58	80	8	A62X78X8	62	78	8	A65X100X10ASV	65	100	10
A58X80X10AS	58	80	10	A62X80X10	62	80	10	A65X100X12	65	100	12
A58X80X12AS	58	80	12	A62X80X10ASV	62	80	10	A65X100X12AS	65	100	12
A58X80X13	58	80	13	B62X80X10BS	62	80	10	A65X110X10	65	110	10
A58X85X10	58	85	10	A62X85X7BABSL	62	85	7	A65X120X12AS	65	120	12
A58X85X10AS	58	85	10	A62X85X7VBABSL	62	85	7	A65,08X85,72X9,52	65,08	85,72	9,52
C58X85X13	58	85	13	A62X85X10AS	62	85	10	A66X85X8/10AS	66	85	8/10
A58X90X10AS	58	90	10	A62X85X13AS	62	85	13	A66,67X88,9X12,7AS	66,67	88,9	12,7
A58,73X79,37X9,52	58,73	79,37	9,52	A62X90X10AS	62	90	10	A66,67X92,07X12,7AS	66,67	92,07	12,7
A58,73X85,32X7,93	58,73	85,32	7,93	A62X100X12	62	100	12	A66,67X95,25X12,7AS	66,67	95,25	12,7
A60X70X7AS	60	70	7	A62X100X12AS	62	100	12	A68X78X9/15	68	78	9/15
A60X72X7BABSL	60	72	7	A63X80X9AS	63	80	9	A68X85X8	68	85	8
A60X72X8AS	60	72	8	A63X85X10AS	63	85	10	A68X85X10AS	68	85	10
A60X75X8	60	75	8	A63X85X10ASV	63	85	10	B68X85X10	68	85	10
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A60X75X8BABSL	60	75	8	A63X90X10V	63	90	10	A68X90X10BABSL	68	90	10
B60X78X8BS	60	78	8	A63,5X76,2X9,52	63,5	76,2	9,52	A68X90X12C	68	90	12
A60X78X9AS	60	78	9	A63,5X82,5X9,52	63,5	82,5	9,52	C68X90X12	68	90	12
A60X80X7BAHDSL	60	80	7	A63,5X88,9X9,52	63,5	88,9	9,52	A68X100X10	68	100	10
A60X80X7BABSL	60	80	7	A63,5X88,9X12,7AS	63,5	88,9	12,7	C68X110X13	68	110	13
A60X80X7VBABSL	60	80	7	A63,5X95,25X12,7	63,5	95,25	12,7	A69,85X88,9X9,52AS	69,85	88,9	9,52
A60X80X8AS	60	80	8	A63,9X89X11VBABSL	63,9	89	11	A69,85X88,9X12,7AS	69,85	88,9	12,7
A60X80X8ASV	60	80	8	A64X80X8AS	64	80	8	A69,85X92,07X12,7	69,85	92,07	12,7
A60X80X10	60	80	10	A64X90X13AS	64	90	13	A69,85X95,25X12,7	69,85	95,25	12,7
A60X80X10AS	60	80	10	A64,8X85X7BAHD	64,8	85	7	A69,85X107,95X12,7AS	69,85	107,95	12,7
A60X80X10ASV	60	80	10	A65X75X8	65	75	8	A70X80X10AS	70	80	10
A60X80X12AS	60	80	12	A65X80X7BABSL	65	80	7	A70X85X7	70	85	7
C60X80X13	60	80	13	A65X80X7VBABSL	65	80	7	A70X85X8AS	70	85	8
A60X82X12AS	60	82	12	A65X80X8AS	65	80	8	A70X85X8ASV	70	85	8
A60X85X8AS	60	85	8	A65X80X8ASV	65	80	8	A70X88X12AS	70	88	12
A60X85X8ASV	60	85	8	A65X80X10	65	80	10	A70X90X7BABSL	70	90	7
A60X85X8BABSL	60	85	8	A65X80X10AS	65	80	10	A70X90X7VBABSL	70	90	7
A60X85X10	60	85	10	A65X85X7BAHD	65	85	7	A70X90X10AS	70	90	10
A60X85X10AS	60	85	10	A65X85X8AS	65	85	8	A70X90X10ASV	70	90	10
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A60X90X8AS	60	90	8	A65X85X8VBABSL	65	85	8	A70X90X12AS	70	90	12
A60X90X8ASV	60	90	8	A65X85X10	65	85	10	C70X90X12CS	70	90	12
A60X90X10	60	90	10	A65X85X10AS	65	85	10	A70X95X7VBABSL	70	95	7
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A60X90X10ASV	60	90	10	A65X85X10BABSL	65	85	10	A70X100X10AS	70	100	10
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A60X95X10AS	60	95	10	A65X88X12AS	65	88	12	A70X110X12AS	70	110	12
A60X100X10	60	100	10	A65X90X7ASP	65	90	7	A70X110X13AS	70	110	13
A60X100X10AS	60	100	10	A65X90X7BABSL	65	90	7	A70X120X13	70	120	13
A60X100X13	60	100	13	A65X90X7VBABSL	65	90	7	A71,44X92,08X9,52	71,44	92,08	9,52
A60X106X7VBABSL	60	106	7	A65X90X10	65	90	10	A72X86X7AS	72	86	7
A60X110X10AS	60	110	10	A65X90X10AS	65	90	10	A72X90X10AS	72	90	10
A60X110X13AS	60	110	13	A65X90X10ASV	65	90	10	C72X90X10	72	90	10
A60X110X13V	60	110	13	A65X90X10VDUO	65	90	10	A72X95X10	72	95	10
A60X130X12V	60	130	12	C65X90X12CS	65	90	12	A72X95X10AS	72	95	10
A60,32X79,38X9,52	60,32	79,38	9,52	A65X92X12AS	65	92	12	A72X95X10ASV	72	95	10
A60,32X82,55X9,52AS	60,32	82,55	9,52	A65X95X10AS	65	95	10	A72X95X10V	72	95	10

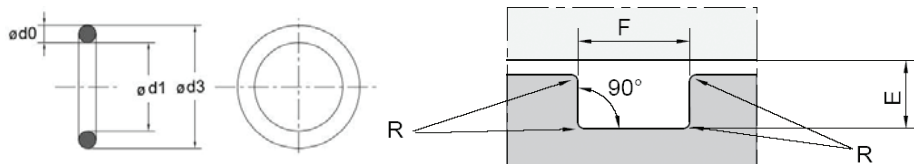
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A72X100X10AS	72	100	10	A80X100X13ASV	80	100	13	A88,9X111,12X9,52	88,9	111,12	9,52
A72X100X12AS	72	100	12	A80X105X7,5VBABSL	80	105	7,5	A88,9X114,3X9,52	88,9	114,3	9,52
A72X110X13AS	72	110	13	A80X105X10AS	80	105	10	A88,9X114,3X12,7	88,9	114,3	12,7
A73,03X92,08X9,52AS	73,03	92,08	9,52	A80X105X12V	80	105	12	A88,9X120,65X12,7	88,9	120,65	12,7
A73,03X95,25X12,7AS	73,03	95,25	12,7	A80X105X13AS	80	105	13	A88,9X127X12,7	88,9	127	12,7
A73,03X101,6X12,7AS	73,03	101,6	12,7	A80X110X10	80	110	10	A90X105X6ASV	90	105	6
A73,37X114,3X12,7	73,37	114,3	12,7	A80X110X10AS	80	110	10	A90X105X10AS	90	105	10
A73,5X110X10AS	73,5	110	10	A80X110X10ASV	80	110	10	A90X110X7,5BABSL	90	110	7,5
B74X90X10BS	74	90	10	A80X110X12AS	80	110	12	A90X110X8	90	110	8
C74,61X101,6X15,87	74,61	101,6	15,87	C80X110X13	80	110	13	A90X110X9ASV	90	110	9
B74,63X92,05X9,52	74,63	92,05	9,52	A80X115X10	80	115	10	A90X110X10ASV	90	110	10
A75X90X8	75	90	8	A80X120X12AS	80	120	12	A90X110X12AS	90	110	12
A75X90X8AS	75	90	8	A80X120X13	80	120	13	A90X110X12ASV	90	110	12
A75X90X8ASV	75	90	8	C80X120X13	80	120	13	A90X110X12BABSL	90	110	12
A75X95X7BABSL	75	95	7	A80X125X10AS	80	125	10	A90X110X13	90	110	13
A75X95X7VBABSL	75	95	7	A80X125X12	80	125	12	A90X110X13AS	90	110	13
A75X95X8AS	75	95	8	A80X125X13AS	80	125	13	A90X112X12AS	90	112	12
A75X95X10AS	75	95	10	A80X130X13	80	130	13	A90X115X9	90	115	9
A75X95X10ASV	75	95	10	A80X140X13	80	140	13	A90X115X13AS	90	115	13
A75X95X10VBABSL	75	95	10	A80X140X13AS	80	140	13	C90X115X13	90	115	13
A75X95X12C	75	95	12	A82X105X10AS	82	105	10	A90X120X12AS	90	120	12
A75X100X8BABSL	75	100	8	A82X105X10ASV	82	105	10	A90X120X12ASV	90	120	12
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A75X100X10ASV	75	100	10	A82X110X12	82	110	12	A90X125X12BABSL	90	125	12
A75X100X11BABSL	75	100	11	A82X160X13AS	82	160	13	A90X125X12VBABSL	90	125	12
A75X100X12AS	75	100	12	A82,55X101,6X12,7	82,55	101,6	12,7	A90X125X13	90	125	13
A75X105X12AS	75	105	12	A82,55X107,95X12,7	82,55	107,95	12,7	A90X130X12AS	90	130	12
A75X105X13	75	105	13	A82,55X107,95X12,7AS	82,55	107,95	12,7	A90X130X13AS	90	130	13
A75X110X10AS	75	110	10	A82,55X114,3X12,7	82,55	114,3	12,7	C90X130X13	90	130	13
A75X110X12AS	75	110	12	A84X105X12AS	84	105	12	A90X140X10AS	90	140	10
A75X110X12V	75	110	12	C84X110X12	84	110	12	A90X160X12	90	160	12
A75X115X10AS	75	115	10	A84,13X111,12X12,7	84,13	111,12	12,7	C92X110X12	92	110	12
A75X120X7VBABSL	75	120	7	A85X100X9AS	85	100	9	A92X120X13V	92	120	13
A75X120X12AS	75	120	12	A85X100X12AS	85	100	12	A92,07X114,3X12,7	92,07	114,3	12,7
A75X130X12ASV	75	130	12	A85X105X7,5BABSL	85	105	7,5	C93,66X142,87X12,7	93,66	142,87	12,7
A76,20X95,25X9,52	76,2	95,25	9,52	A85X105X10	85	105	10	A93,66X142,88X12,7AS	93,66	142,88	12,7
A76,2X95,25X9,52AS	76,2	95,25	9,52	A85X105X10AS	85	105	10	A95X110X9	95	110	9
A76,2X95,25X12,7	76,2	95,25	12,7	A85X105X12BABSL	85	105	12	A95X110X10AS	95	110	10
A76,20X98,42X9,52	76,2	98,42	9,52	A85X105X13AS	85	105	13	A95X110X10V	95	110	10
A76,2X98,42X9,52	76,2	98,42	9,52	A85X110X8VBABSL	85	110	8	A95X110X12AS	95	110	12
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A76,2X114,3X12,7	76,2	114,3	12,7	A85X110X12AS	85	110	12	A95X115X13ASV	95	115	13
A78X100X10AS	78	100	10	A85X110X12ASV	85	110	12	A95X120X8BAHD	95	120	8
C79,37X101,6X11,11	79,37	101,6	11,11	A85X110X13AS	85	110	13	A95X120X10AS	95	120	10
A79,37X101,6X12,7	79,37	101,6	12,7	A85X115X13	85	115	13	A95X120X12AS	95	120	12
A79,37X101,6X12,7AS	79,37	101,6	12,7	A85X120X7,5BABSL	85	120	7,5	A95X120X12BABSL	95	120	12
A79,37X104,7X12,7	79,37	104,7	12,7	A85X120X12AS	85	120	12	A95X125X12AS	95	125	12
A79,37X114,3X12,7	79,37	114,3	12,7	A85X120X12V	85	120	12	A95X125X12ASV	95	125	12
C79,38X104,8X13,8	79,38	104,8	13,8	A85X130X12	85	130	12	A95X130X12AS	95	130	12
A80X95X8	80	95	8	A85X130X12AS	85	130	12	A95X140X13AS	95	140	13
A80X100X7AS	80	100	7	A85X140X12AS	85	140	12	A95X170X13AS	95	170	13
A80X100X7BABSL	80	100	7	A85X150X12AS	85	150	12	A95,25X114,3X12,7AS	95,25	114,3	12,7
A80X100X7VBABSL	80	100	7	A85,72X111,12X12,7	85,72	111,12	12,7	C95,25X120,65X9,52	95,25	120,65	9,52
A80X100X10AS	80	100	10	A85,72X114,3X12,7	85,72	114,3	12,7	A95,25X120,65X12,7	95,25	120,65	12,7
A80X100X10ASV	80	100	10	A85,72X127X12,7	85,72	127	12,7	A95,25X127X12,7	95,25	127	12,7
C80X100X10	80	100	10	A88X110X13	88	110	13	C95,25X133,3X15,8	95,25	133,3	15,8
A80X100X12AS	80	100	12	A88X120X12	88	120	12	A98X128X10	98	128	10

A98,42X123,82X12,7	98,42	123,82	12,7	A110X130X12AS	110	130	12	A125X140X10	125	140	10
A98,42X144,52X12,7AS	98,42	144,52	12,7	A110X130X12ASV	110	130	12	A125X150X12AS	125	150	12
A100X115X9	100	115	9	A110X130X12V	110	130	12	A125X150X12ASV	125	150	12
A100X120X7,5BABSL	100	120	7,5	A110X130X12BABSL	110	130	12	A125X150X15ASV	125	150	15
A100X120X7,5VBABSL	100	120	7,5	A110X130X13AS	110	130	13	C125X155X15CS	125	155	15
B100X120X8	100	120	8	C110X130X15	110	130	15	A125X160X12	125	160	12
A100X120X10AS	100	120	10	A110X135X12AS	110	135	12	A125X160X12AS	125	160	12
A100X120X12AS	100	120	12	A110X140X12AS	110	140	12	A125X160X12ASV	125	160	12
A100X120X12ASV	100	120	12	A110X140X12ASV	110	140	12	A127X150X13	127	150	13
C100X120X12	100	120	12	A110X140X14AS	110	140	14	A127X152,4X12,7AS	127	152,4	12,7
A100X120X12BABSL	100	120	12	CAS110X140X14,5	110	140	14,5	CAS127X160X15,5/17,5	127	160	15,5/ 17,5
C100X120X13	100	120	13	A110X150X8BABSL	110	150	8	A127X165,1X12,7	127	165,1	12,7
A100X125X12	100	125	12	A110X150X13	110	150	13	A128X146X13,5AS	128	146	13,5
A100X125X12AS	100	125	12	A110X150X13AS	110	150	13	A128X150X13AS	128	150	13
A100X125X12ASV	100	125	12	A110X150X13ASV	110	150	13	A130X150X7,5BABSL	130	150	7,5
A100X125X13	100	125	13	A110X160X12AS	110	160	12	A130X150X10AS	130	150	10
A100X125X13AS	100	125	13	A110X200X13AS	110	200	13	A130X150X12AS	130	150	12
A100X125X13BABSL	100	125	13	A112X140X13	112	140	13	A130X150X15ASV	130	150	15
A100X130X10	100	130	10	A114X140X13	114	140	13	C130X155X10CS	130	155	10
A100X130X12AS	100	130	12	A114,3X82,55X14,3BAJ	114,3	82,55	14,3	A130X160X12AS	130	160	12
A100X130X12ASV	100	130	12	A114,3X139,7X12,7	114,3	139,7	12,7	A130X160X12V	130	160	12
A100X130X12BABSL	100	130	12	A115X130X12	115	130	12	A130X160X12BABSL	130	160	12
A100X130X12VBABSL	100	130	12	A115X130X12V	115	130	12	A130X160X13AS	130	160	13
A100X140X12AS	100	140	12	A115X140X10	115	140	10	A130X160X15	130	160	15
A100X140X13	100	140	13	A115X140X12AS	115	140	12	A130X160X15AS	130	160	15
A100X140X13AS	100	140	13	A115X140X12ASV	115	140	12	A130X160X15ASV	130	160	15
A100X140X13V	100	140	13	C115X140X15	115	140	15	C130X160X15	130	160	15
C100X140X13	100	140	13	A115X145X14AS	115	145	14	C130X160X15CS	130	160	15
A100X150X12AS	100	150	12	A115X150X12	115	150	12	A130X170X12	130	170	12
A100X150X13	100	150	13	A115X150X12AS	115	150	12	A130X170X12AS	130	170	12
A100X150X13V	100	150	13	A116X170X14,9BABSL	116	170	14,9	A130X170X12V	130	170	12
A100X160X12	100	160	12	A117,42X142,87X12,7	117,42	142,87	12,7	CAS130X170X15	130	170	15
A100X180X12AS	100	180	12	C117,42X152,4X12,7CS	117,42	152,4	12,7	C130X170X15	130	170	15
A101,6X120,65X12,7	101,6	120,65	12,7	A118X150X12AS	118	150	12	A130X180X12ASV	130	180	12
A101,6X127X12,7	101,6	127	12,7	A118X150X12ASV	118	150	12	A130X190X12AS	130	190	12
A101,6X130,17X12,7AS	101,6	130,17	12,7	A118X150X12V	118	150	12	A130X200X12AS	130	200	12
A105X120X8AS	105	120	8	A120X140X7,5	120	140	7,5	C133,35X155,57X14,28	133,35	155,57	14,28
A105X125X12AS	105	125	12	A120X140X7,5BABSL	120	140	7,5	A133,35X158,75X12,7	133,35	158,75	12,7
A105X125X12ASV	105	125	12	A120X140X13AS	120	140	13	A133,35X165,1X15,88	133,35	165,1	15,88
A105X130X7,5BABSL	105	130	7,5	C120X140X13	120	140	13	A135X160X12AS	135	160	12
A105X130X7,5VBABSL	105	130	7,5	A120X145X12AS	120	145	12	A135X160X13	135	160	13
A105X130X12AS	105	130	12	A120X150X10BABSL	120	150	10	A135X160X13BABSL	135	160	13
A105X130X12ASV	105	130	12	A120X150X12AS	120	150	12	A135X165X12AS	135	165	12
B105X130X13BS	105	130	13	A120X150X12BABSL	120	150	12	A135X165X13AS	135	165	13
A105X135X13ASV	105	135	13	A120X150X13ASV	120	150	13	A135X170X12	135	170	12
B105X135X14BS	105	135	14	A120X150X14AS	120	150	14	A135X170X12AS	135	170	12
A105X136X13AS	105	136	13	A120X150X15AS	120	150	15	A135X170X12ASV	135	170	12
A105X140X12	105	140	12	C120X150X15	120	150	15	A139,7X165,1X12,7	139,7	165,1	12,7
A105X140X12ASV	105	140	12	A120X155X15AS	120	155	15	C139,7X165,1X15,8	139,7	165,1	15,8
C105X150X15	105	150	15	A120X160X12AS	120	160	12	A139,7X171,45X12,7	139,7	171,45	12,7
A105X160X12AS	105	160	12	CAS120X160X14/17	120	160	14/17	A140X110X14BAJ	140	110	14
A107,95X127X12,7	107,95	127	12,7	A120X180X15AS	120	180	15	A140X160X10BABSL	140	160	10
A107,95X139,7X12,7AS	107,95	139,7	12,7	A120,65X146,05X12,7	120,65	146,05	12,7	A140X160X12AS	140	160	12
C107,95X139,725X11,11	107,95	139,725	11,11	A120,65X146,05X12,7ASV	120,65	146,05	12,7	A140X160X12V	140	160	12
A108X170X15AS	108	170	15	C120,65X158,75X12,7	120,65	158,75	12,7	A140X160X13AS	140	160	13
A110X125X12	110	125	12	A121,06X160,3X28,5	121,06	160,3	28,5	A140X160X13V	140	160	13
A110X128X9AS	110	128	9	C123,1X158,7X14,3	123,1	158,7	14,3	A140X165X12AS	140	165	12
A110X130X8	110	130	8	A125X100X13BAJ	125	100	13	A140X165X12ASV	140	165	12

A140X170X12AS	140	170	12
A140X170X12ASV	140	170	12
A140X170X15AS	140	170	15
A140X170X15ASV	140	170	15
C140X170X15CS	140	170	15
A140X170X15BABSL	140	170	15
A140X170X15VBABSL	140	170	15
CAS140X170X14,5/16V	140	170	14,5/16
A140X180X12	140	180	12
A140X180X12ASV	140	180	12
A140X180X12BABSL	140	180	12
A140X180X15AS	140	180	15
A140X180X15ASV	140	180	15
C140X180X15	140	180	15
C140X190X15	140	190	15
A142X157X10AS	142	157	10
A142,87X168,27X12,7	142,87	168,27	12,7
A144X160X12AS	144	160	12
A145X167X13AS	145	167	13
A145X170X12AS	145	170	12
A145X170X15AS	145	170	15
A145X170X15ASV	145	170	15
B145X175X13BS	145	175	13
C145X175X13	145	175	13
A145X175X15AS	145	175	15
A145X180X12	145	180	12
A146X163X7	146	163	7
C146,05X171,45X12,7	146,05	171,45	12,7
A146,05X177,8X12,7	146,05	177,8	12,7
C146,05X177,8X12,7	146,05	177,8	12,7
C147X187,6X20,8CS	147	187,6	20,8
A148X170X14,5	148	170	14,5
A150X170X13	150	170	13
A150X170X15AS	150	170	15
A150X178X12AS	150	178	12
A150X180X8,5BABSL	150	180	8,5
A150X180X12	150	180	12
A150X180X13AS	150	180	13
A150X180X13ASV	150	180	13
A150X180X14AS	150	180	14
A150X180X15AS	150	180	15
A150X180X15ASV	150	180	15
CAS150X180X14,5/16	150	180	14,5/16
C150X190X15	150	190	15
A150X200X15	150	200	15
A150X225/190X12/24	150	225/190	12/24
A152,4X177,8X12,7	152,4	177,8	12,7
A152,4X184,15X12,7AS	152,4	184,15	12,7
A155X174X12	155	174	12
A155X175X12	155	175	12
A155X180X15AS	155	180	15
A155X190X15	155	190	15
CAS155X190X17,5/19	155	190	17,5/19
A155X200X15AS	155	200	15
A158,75X182,56X15,88AS	158,75	182,56	15,88
A160X180X10AS	160	180	10
A160X180X12AS	160	180	12
A160X180X15AS	160	180	15

A160X185X8,5BABSL	160	185	8,5
A160X185X8,5VBABSL	160	185	8,5
A160X185X10AS	160	185	10
A160X190X15AS	160	190	15
A160X190X15ASV	160	190	15
C160X190X15CS	160	190	15
CAS160X196X17/24,3	160	196	17/24,3
A160X200X15AS	160	200	15
A161,92X187,32X12,7	161,92	187,32	12,7
A162X190X12	162	190	12
A165X190X13AS	165	190	13
A165X190X15	165	190	15
A165X190X15AS	165	190	15
A165X200X15AS	165	200	15
A165,10X190,50X12,7	165,1	190,5	12,7
CAS167,8X198X13/14,5	167,8	198	13/14,5
A170X140X13BAJ	170	140	13
A170X190X15	170	190	15
A170X190X15AS	170	190	15
A170X200X15AS	170	200	15
A170X200X15ASV	170	200	15
CAS170X200X15/16	170	200	15/16
C170X215X16	170	215	16
C172X200X15	172	200	15
A175X200X15AS	175	200	15
C175X200X15	175	200	15
A175X205X15	175	205	15
C175X215X16	175	215	16
A177,8X203,2X12,7	177,8	203,2	12,7
A180X200X10	180	200	10
C180X200X12CS	180	200	12
A180X200X13	180	200	13
A180X210X8,5BABSL	180	210	8,5
A180X210X10AS	180	210	10
A180X210X15	180	210	15
A180X210X15AS	180	210	15
A180X210X15ASV	180	210	15
A180X215X15AS	180	215	15
C180X215X15CS	180	215	15
A180X220X15	180	220	15
A180X220X15AS	180	220	15
A180X220X15V	180	220	15
A185X205X11BABSL	185	205	11
A185X210X13ASV	185	210	13
A185X215X15	185	215	15
A190X215X15AS	190	215	15
CAS190X215X15,5/17	190	215	15,5/17
A190X220X12AS	190	220	12
A190X220X12V	190	220	12
C190X220X12CS	190	220	12
A190X220X15AS	190	220	15
A190X220X15ASV	190	220	15
CAS190X220X16/18	190	220	16/18
A190X230X15	190	230	15
A190X230X15AS	190	230	15
A190X230X16ASV	190	230	16
A195X230X16AS	195	230	16
A200X230X15AS	200	230	15

A200X230X15ASV	200	230	15
C200X230X15	200	230	15
A200X250X15	200	250	15
A200X250X15AS	200	250	15
C200X250X15	200	250	15
A205X250X16	205	250	16
A210X240X15	210	240	15
A210X240X15AS	210	240	15
C215X250X16	215	250	16
A220X250X15	220	250	15
A220X250X15AS	220	250	15
C222,25X254X15,88	222,25	254	15,88
A230X260X15	230	260	15
A230X260X15AS	230	260	15
A230X270X15AS	230	270	15
A235X265X15AS	235	265	15
A240X270X15	240	270	15
A240X270X15AS	240	270	15
A240X270X15ASV	240	270	15
A240X280X15	240	280	15
A241,3X279,4X19,05	241,3	279,4	19,05
C241,3X285,75X19,05	241,3	285,75	19,05
C247,65X285,75X19,05	247,65	285,75	19,05
A250X280X15AS	250	280	15
C250X280X16	250	280	16
A254X285,75X21,44	254	285,75	21,44
A260X290X15AS	260	290	15
A260X290X15ASV	260	290	15
A260X300X20	260	300	20
A260X300X20AS	260	300	20
A270X310X16AS	270	310	16
A280X310X15ASV	280	310	15
C280X310X16	280	310	16
A280X320X20AS	280	320	20
A300X340X16	300	340	16
A300X340X16V	300	340	16
A300X340X18AS	300	340	18
A300X340X20AS	300	340	20
A310X350X18AS	310	350	18
C310X350X18	310	350	18
C320X350X18	320	350	18
C320X360X20	320	360	20
A340X380X20AS	340	380	20
C340X380X20	340	380	20
A350X390X18	350	390	18
A380X420X20	380	420	20
A394X420X16	394	420	16
A420X460X20AS	420	460	20
C420X460X20	420	460	20
C440X480X20	440	480	20



O-Renkaat

Uran mitoitus

Poikki- leikkaus mm Ø	Dynaaminen käyttö			Staattinen käyttö				Pyöristys- säde R
	Uran syvyys E +0,00	Uranleveys		Laippatiiviste		Muut staattiset osat		
		Edestakainen F +0,10	Pyörivä F +0,10	Uran syvyys E +0,00	Uran leveys F +0,10	Uran syvyys E +0,00	Uran leveys F +0,10	
1,00 - 1,02	0,81	1,57	1,20	0,68	1,57	0,73	1,30	0,2
1,20	1,00	1,80	1,40	0,82	1,80	0,88	1,60	0,2
1,25 - 1,27	1,04	1,85	1,45	0,85	1,85	0,92	1,70	0,2
1,30	1,10	1,90	1,50	0,88	1,90	0,95	1,80	0,2
1,42	1,16	2,08	1,60	0,96	2,08	1,03	2,00	0,2
1,50 - 1,52	1,24	2,16	1,70	1,02	2,16	1,10	2,20	0,2
1,60 - 1,63	1,30	2,20	2,10	1,10	2,20	1,15	2,20	0,5
1,78	1,45	2,40	2,30	1,20	2,40	1,30	2,30	0,5
1,83	1,50	2,45	2,35	1,20	2,45	1,30	2,40	0,5
1,98 - 2,00	1,60	2,70	2,50	1,50	2,70	1,55	2,40	0,5
2,08	1,70	2,75	2,50	1,60	2,75	1,65	2,50	0,5
2,21	1,80	3,00	2,55	1,70	3,00	1,75	2,70	0,5
2,40	2,10	3,25	2,70	1,90	3,25	2,00	2,90	0,5
2,46	2,15	3,30	2,75	1,95	3,30	2,00	3,00	0,5
2,50	2,20	3,40	2,80	2,00	3,40	2,05	3,10	0,5
2,62	2,30	3,60	2,90	2,10	3,60	2,20	3,20	0,5
2,75	2,45	3,70	3,10	2,20	3,70	2,30	3,40	0,5
2,95 - 3,00	2,65	4,05	3,35	2,40	4,05	2,50	3,70	0,5
3,15	2,85	4,25	3,50	2,50	4,25	2,60	3,90	0,5
3,50 - 3,53	3,10	4,80	3,90	2,80	4,80	2,90	4,30	1,0
4,00	3,55	5,50	4,35	3,30	5,50	3,50	4,60	1,0
4,50	4,00	6,20	4,90	3,70	6,20	3,90	5,20	1,0
5,00	4,40	6,80	5,50	4,10	6,80	4,30	5,70	1,0
5,33	4,80	7,20	5,80	4,40	7,20	4,60	6,10	1,0
5,50	4,95	7,50	6,30	4,55	7,50	4,70	6,30	1,0
5,70	5,15	7,80	6,35	4,70	7,80	4,80	6,50	1,0
6,00	5,40	8,20	6,70	4,95	8,20	5,20	6,90	1,0
6,30 - 6,35	5,55	8,60	7,00	5,20	8,60	5,30	7,10	1,0
7,00	6,10	9,50	7,80	5,80	9,50	5,90	8,00	1,5
8,00	7,20	10,80	8,90	6,70	10,80	6,80	9,30	1,5
8,40	7,55	11,40	9,40	7,00	11,40	7,20	9,60	1,5
10,00	9,00	13,70	11,20	8,30	13,70	8,50	11,40	1,5
12,00	10,40	16,40	13,40	10,00	16,40	10,20	13,70	1,5

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