MAX SPARE
LIMITED

QUALITY. PRECISION. SPEED.

PRODUCT RANGE

(VERSION 2)

ASIA'S LARGEST SEAL PLANT

INTRODUCTION

Max Spare was incorporated in 1959 for manufacturing of Hydraulic and Pneumatic Seals, Rotary Shaft Seals and ‘O’ Rings. Over the years, Max Spare has evolved as India’s No. 1 Seal Manufacturer, catering to a wide spectrum of industries with different sealing needs. Max Spare with its emphasis on Quality and Technology is ISO 9001-2015 certified and exports its seals and ‘O’ rings to quality conscious markets in Europe and North America. Having mutually enriching alliances with leading seal manufacturer and stockiest in Europe, Canada and the United States, exports contribute more than 60% of the current sales.

Max Spare caters to both replacement and Original Equipment market. With application ranging from Gear Boxes, Bearings, Pumps, Hydraulic and Pneumatic Systems, Constructions and Mining Equipments, Hydraulic and Pneumatic Cylinders, etc. With the advantages of having all facilities under one roof, Max Spare is well equipped to handle all sealing requirements from simple ‘O’ rings to complex profiles and large dia seals upto 3000 mm.

As a leading seal manufacturer for many years, Max Spare has diversified it’s business to enter into the maximum products for its customers by adding new products range.

With Quality, Precision & Speed Max Spare is geared up to cater the requirements of its customers with best service support.

Welcome to MAX World

MAX Group Companies

PLANT 1

MAX SPARE LIMITED
QUALITY. PRECISION. SPEED.

SEALS

PLANT 2

THE RUBBER PRODUCTS LIMITED

CUSTOM MOLDED PARTS

PLANT 3

NIRLON

V-BELTS

PLANT 4

UVDHL
UNITED VAN DER HORST LTD.

HEAVY ENGINEERING

MAX SPARE
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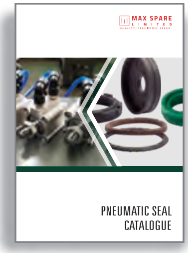
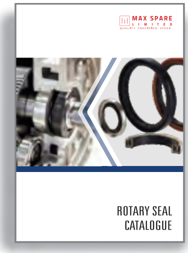
e-Catalogs





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SEAL STANDARDS

- **Specification for O-Rings according to following standards**

  1) ISO 3601 (Part 1) : Inside diameters, cross-sections, tolerances and size identification code

  2) ISO 3601 (Part 2) : Housing dimensions for general applications

  3) ISO 3601 (Part 3) : Quality acceptance criteria

  Specification for Rotary Seals according to following standards

- 1) DIN 3760 or IS / ISO-6194-1 of applicable standards

MAX SPARE
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Market

Being a pioneer in seals and sealing solutions backed with decades of field experience, Maxspare is a reliable source for standard or complex sealing parts specific to your industry applications and equipment.

We thus ensure that our solutions meet the changing needs of our customers, as well as the latest industry trends and regulations.

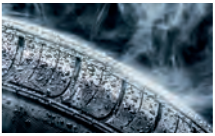

Steel Mill


Oil & Gas


Power Plant


Paper Mill


Food & Pharma


Tyre Industry


Construction & Mining Machinery


Press Forming


Aluminium Industry


Chemical & Fertilizer


Sugar Mill


Automotive


Valves


Windmill


Hydro Power


Agriculture


Hydraulics & Pneumatics


Machine Tools


Cement Plant


Pump Motor & Gear Box

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PISTON SEALS

PNEUMATIC PISTON SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
P01	CUP SEAL		NBR	10	-30°C to +100°C	0.5	PPA
P02	CUP SEAL		NBR FABRIC	10 250	-30°C to +100°C	0.5	PPB
***P03**	CUP SEAL		NBR	10	-30°C to +100°C	0.5	PPC
P04	CUP SEAL		NBR BRASS	10	-30°C to +100°C	0.5	PPD
P05	CUP SEAL		NBR	10	-30°C to +100°C	0.5	PPE
P06	CUP SEAL		NBR STEEL	10	-30°C to +100°C	0.5	PPH
P07	CUP SEAL		NBR STEEL SPRING	10	-30°C to +100°C	0.5	PPI
***P08**	CUP SEAL		NBR	10	-30°C to +100°C	0.5	PPK
P09	CUP SEAL		NBR	10	-30°C to +100°C	0.5	PPM
P10	U SEAL		NBR	12	-30°C to +100°C	1.0	PUA
P11	U SEAL		NBR	12	-30°C to +100°C	1.0	PUC
P12	U SEAL		PU	16	-30°C to +100°C	1.0	PUE
P13	U SEAL		NBR	12	-30°C to +100°C	1.0	PUF
P14	U SEAL		NBR	16	-30°C to +100°C	1.0	PUI
P15	U SEAL		PU	16	-30°C to +100°C	1.0	PUP
P16	U SEAL		NBR	16	-30°C to +100°C	1.0	PUL
P17	U SEAL		NBR	12	-30°C to +100°C	1.0	PUJ
P18	TDUO SEAL		NBR STEEL SPRING	12	-30°C to +100°C	1.0	PDA
P19	TDUO SEAL		NBR STEEL	10	-30°C to +100°C	1.0	PDB
P20	TDUO SEAL		NBR STEEL	12	-30°C to +100°C	1.0	PDC
P21	TDUO SEAL		NBR STEEL	10	-30°C to +100°C	1.0	PDE
P22	TDUO SEAL		NBR STEEL	10	-30°C to +100°C	1.0	PDF
P23	TDUO SEAL		NBR STEEL	10	-30°C to +100°C	1.0	PDG
P24	GLYD RING		NBR BRONZ PTFE	16	-30°C to +100°C	4.0	PTD
P25	AIRZET SEAL		NBR	10	-30°C to +100°C	1.0	PUN
P26	AIRZET SEAL		NBR	12	-30°C to +100°C	1.0	PUG
P27	HECKER SEAL		NBR	16	-30°C to +100°C	1.0	LA
P92	TDUO SEAL		NBR	16	-30°C to +100°C	1.0	PDD
P95	U SEAL		PU	25	-30°C to +100°C	1.0	PUQ

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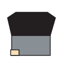
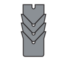
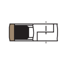
- Please consult Maxspare technical team for special seal application.
- Pressure & Speed are mentioned in maximum values and for general working conditions. It may vary according to material & seal profile.

* Mark profiles can be Machined

PISTON SEALS

HYDRAULIC PISTON SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
*P28	U SEAL		PU	400	-30°C to +100°C	1.0	PUB
*P29	U SEAL		NBR PTFE	250	-30°C to +100°C	0.5	PBA
P30	U SEAL		NBR FABRIC PTFE	400	-30°C to +100°C	0.5	PBB
P31	U SEAL		NBR	80	-30°C to +100°C	1.0	PUD
P32	U SEAL		PU POM	300	-30°C to +100°C	0.5	PBF
P33	U SEAL		PU POM	250	-30°C to +100°C	0.5	PBG
*P34	U SEAL		PU POM	350	-30°C to +100°C	1.0	PBH
*P35	U SEAL		NBR NYLON	250	-30°C to +100°C	0.5	PBD
P36	FLUID SEAL		NBR FABRIC POM	700	-30°C to +100°C	0.5	PBE
P37	U SEAL		PU BRONZE PTFE	450	-30°C to +100°C	1.0	PBK
P38	FLUID SEAL		NBR FABRIC POM	400	-30°C to +100°C	0.5	PFA
P39	FLUID SEAL		NBR FABRIC POM	400	-30°C to +100°C	0.5	PFD
P40	U SEAL		PU POM	250	-30°C to +100°C	0.5	PBJ
P41	FLUID SEAL		NBR FABRIC POM	300	-30°C to +100°C	0.5	PBI
*P42	CHEVRON PACK		NBR FABRIC	400	-30°C to +100°C	0.5	PVA
P43	CHEVRON PACK		NBR FABRIC	400	-30°C to +100°C	0.5	PVB
P44	COMPACT SEAL		PU NBR POM	350	-30°C to +100°C	0.5	PCZ
*P45	GLYD RING		NBR BRONZE PTFE	400	-30°C to +100°C	10.0	PTA
*P46	GLYD RING		NBR BRONZE PTFE	400	-30°C to +100°C	5.0	PTC
P47	STEP SEAL		NBR BRONZE PTFE	400	-30°C to +100°C	10.0	PTE
*P48	COMPO - SITE SEAL		NBR BRONZE PTFE	400	-30°C to +100°C	5.0	PTH
P49	COMPO - SITE SEAL		NBR BRONZE PTFE	400	-30°C to +100°C	5.0	PTF
P50	COMPACT SEAL		NBR BRONZ PTFE	400	-30°C to +100°C	1.0	PTG
P51	COMPACT SEAL		NBR BRONZ PTFE	500	-30°C to +100°C	2.0	PTI
P52	COMPACT SEAL		PU NBR POM	400	-30°C to +100°C	0.5	PCA
P54	COMPACT SEAL		PU NBR POM	400	-30°C to +100°C	0.5	PEC
P55	COMPACT SEAL		PU NBR POM	500	-30°C to +100°C	0.5	PCV
*P56	T SEAL		NBR NYLON	350	-30°C to +100°C	0.5	PCE
P57	T SEAL		NBR POM	200	-30°C to +100°C	0.5	PEH
P58	COMPACT SEAL		PU NBR	400	-30°C to +100°C	0.5	PCQ

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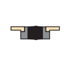
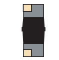
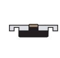
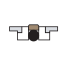
PISTON SEALS

HYDRAULIC PISTON SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
P59	COMPACT SEAL		PU NBR POM	700	-30°C to +100°C	0.5	PEL
*P60	COMPACT SEAL		NBR PTFE POM	500	-30°C to +100°C	1.5	PCC
*P61	COMPACT SEAL		PU POM	210	-30°C to +100°C	0.5	PEB
*P62	CHEVRON PACK		NBR FABRIC	400	-30°C to +100°C	0.5	PVF
P63	COMPACT SEAL		NBR FABRIC POM	210	-30°C to +100°C	0.5	PEJ
P64	COMPACT SEAL		NBR FABRIC POM	500	-30°C to +100°C	0.5	PCB
*P65	COMPACT SEAL		NBR FABRIC POM	350	-30°C to +100°C	0.5	PCR
P66	COMPACT SEAL		NBR FABRIC POM	500	-30°C to +100°C	0.5	PCS
P67	COMPACT SEAL		NBR FABRIC POM	350	-30°C to +100°C	0.5	PCU
P68	COMPACT SEAL		NBR FABRIC POM	350	-30°C to +100°C	0.5	PCG
P69	COMPACT SEAL		NBR FABRIC POM	700	-30°C to +100°C	0.5	PCJ
P70	COMPACT SEAL		NBR PU POM	500	-30°C to +100°C	0.5	PEA
P71	COMPACT SEAL		NBR FABRIC POM	700	-30°C to +100°C	0.5	PFB
P72	COMPACT SEAL		NBR FABRIC POM	400	-30°C to +100°C	0.5	PCD
*P73	COMPACT SEAL		NBR FABRIC POM	400	-30°C to +100°C	0.5	PCF

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
P74	COMPACT SEAL		NBR FABRIC POM	500	-30°C to +100°C	0.5	PCX
P75	COMPACT SEAL		NBR BRONZE PTFE NYLON	360	-30°C to +100°C	1.0	PCL
P76	COMPACT SEAL		NBR BRONZE PTFE POM	400	-30°C to +100°C	1.0	PCI
P77	COMPACT SEAL		NBR NYLON PTFE POM	360	-30°C to +100°C	1.0	PED
P78	COMPACT SEAL		NBR PU POM	400	-30°C to +100°C	0.5	PCP
P79	COMPACT SEAL		NBR POM	350	-30°C to +100°C	0.5	PCN
P80	COMPACT SEAL		NBR PU POM	350	-30°C to +100°C	0.5	PCO
*P81	COMPACT SEAL		PU NBR POM	350	-30°C to +100°C	0.5	PEI
P82	COMPACT SEAL		NBR NYLON PTFE POM	400	-30°C to +100°C	10.0	PEG
P83	COMPACT SEAL		PU NBR	250	-30°C to +100°C	0.5	PEK
*P84	COMPACT SEAL		PU NBR	250	-30°C to +100°C	0.5	PCK
P85	DOUBLE ACTING U SEAL		PU BRONZE PTFE	250	-30°C to +100°C	1.0	PBC
*P86	COMPACT SEAL		PU NBR POM	350	-30°C to +100°C	0.5	PEF
P87	COMPACT SEAL		NBR POM	160	-30°C to +100°C	0.5	PCM
P88	COMPACT SEAL		NBR NYLON POM	200	-30°C to +100°C	0.5	PEE

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PISTON SEALS

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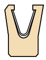
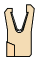
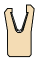
HYDRAULIC PISTON SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
P89	COMPACT SEAL		NBR NYLON POM	300	-30°C to +100°C	0.5	PCW
P90	COMPACT SEAL		NBR PU NYLON	100	-30°C to +100°C	0.5	PCY
P91	COMPACT SEAL		NBR BFT NYLON	450	-30°C to +100°C	1.0	PTJ
P93	COMPACT SEAL		NBR BRONZE PTFE	400	-30°C to +100°C	2.0	PTB
*P94	U SEAL		NBR PU NYLON	700	-30°C to +100°C	0.5	PBL
*P96	U SEAL		PU STEEL	400	-30°C to +100°C	0.5	PUH
*P97	COMPACT SEAL		NBR BRONZE PTFE NYLON	400	-30°C to +100°C	1.0	PEN
P98	PISTON RING		CAST IRON	-	-	-	GI

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
P99	U SEAL		PU NBR POM	700	-30°C to +100°C	0.5	PBN
PA1	U SEAL		PTFE STEEL SPRING	500	-200°C to +260°C	10.0	-
PA2	U SEAL		PTFE STEEL SPRING	350	-200°C to +260°C	10.0	-
PA3	U SEAL		PTFE STEEL SPRING POM	500	-200°C to +260°C	10.0	-
PA4	U SEAL		PTFE SPRING	350	-200°C to +260°C	10.0	-
PA5	U SEAL		PU	300	-30°C to +100°C	1.0	-
PA6	U SEAL		NBR PU	400	-30°C to +100°C	1.0	-

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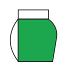
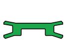
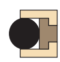
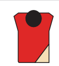
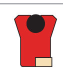
ROD SEALS

PNEUMATIC ROD SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
S01	U SEAL		NBR	12	-30°C to +100°C	1.0	RUA
S02	U SEAL		NBR	12	-30°C to +100°C	1.0	RUE
S03	U SEAL		PU	16	-30°C to +100°C	1.0	RUF
S04	U SEAL		NBR	12	-30°C to +100°C	0.5	RUG
S05	U SEAL		NBR	12	-30°C to +100°C	0.5	RUH
S06	AIRZET		NBR	12	-30°C to +100°C	1.0	RUK
S07	HECKER		NBR	16	-30°C to +100°C	1.0	LC
*S08	COMPO-SITE SEAL		NBR BRONZE PTFE	16	-30°C to +100°C	4.0	RTB
S09	CUSHION SEAL		PU	16	-30°C to +100°C	1.0	RDA
S10	CUSHION SEAL		PU	16	-30°C to +100°C	1.0	RDB
S12	CUSHION SEAL		PU	16	-30°C to +100°C	1.0	RDD
S13	CUSHION SEAL		PU	16	-30°C to +100°C	1.0	RDE
S14	CUSHION SEAL		PU	16	-30°C to +100°C	1.0	WRJ
S75	U SEAL		PU	25	-30°C to +100°C	1.0	RUS
S89	U SEAL		PU	16	-30°C to +100°C	1.0	-

HYDRAULIC ROD SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
S11	CUSHION SEAL		PU NYLON	400	-30°C to +100°C	5.0	RDC
*S15	STEP SEAL		BRONZE PTFE NBR	400	-30°C to +100°C	10.0	RTA
*S16	STEP SEAL		BRONZE PTFE NBR	400	-30°C to +100°C	5.0	RTC
*S17	COMPO-SITE RING		BRONZE PTFE NBR	400	-30°C to +100°C	10.0	RTD
S18	COMPO-SITE RING		BRONZE PTFE NBR POM	450	-30°C to +100°C	1.0	RTF
*S19	U SEAL		PU	400	-30°C to +100°C	1.0	RUB
*S20	U SEAL		PU	400	-30°C to +100°C	1.0	RUC
S21	U SEAL		PU	400	-30°C to +100°C	1.0	RUI
S22	U SEAL		PU	240	-30°C to +100°C	1.0	RUJ
*S23	U SEAL		PU	400	-30°C to +100°C	1.0	RUL
S24	U SEAL		PU	400	-30°C to +100°C	1.0	RUP
S25	U SEAL		NBR FABRIC	250	-30°C to +100°C	0.5	RUD
*S26	U SEAL		PU NBR POM	700	-30°C to +100°C	1.0	RBP
*S27	U SEAL		PU NBR POM	700	-30°C to +100°C	1.0	RBF
*S28	U SEAL		PU NBR POM	700	-30°C to +100°C	1.0	RBI

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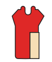
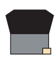
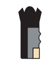
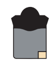
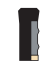
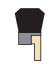
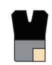
* Mark profiles can be Machined

ROD SEALS

MAX SPARE LIMITED
QUALITY. PRECISION. SPEED.

HYDRAULIC ROD SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
S29	U SEAL		PU NBR POM	700	-30°C to +100°C	1.0	RBN
S30	U SEAL		PU POM	400	-30°C to +100°C	1.0	RBS
*S31	U SEAL		PU POM	400	-30°C to +100°C	1.0	RBT
S32	U SEAL		PU NBR POM	700	-30°C to +100°C	0.5	RBG
*S33	U SEAL		PU BRONZE PTFE	450	-30°C to +100°C	1.0	RBD
S34	DOUBLE ACTING U SEAL		PU BRONZE PTFE	250	-30°C to +100°C	1.0	RBM
*S35	T SEAL		NBR NYLON	350	-30°C to +100°C	0.5	RBK
S36	FLUID SEAL		NBR POM	500	-30°C to +100°C	0.5	RBB
*S37	U SEAL		NBR NYLON	250	-30°C to +100°C	0.5	RBA
S38	U SEAL		NBR FABRIC NYLON	400	-30°C to +100°C	0.5	RBC
S39	FLUID SEAL		NBR POM	250	-30°C to +100°C	1.0	RBJ
*S40	U SEAL		NBR POM	250	-30°C to +100°C	0.5	RBY
S41	U SEAL		NBR POM	250	-30°C to +100°C	0.5	RBV
S42	U SEAL		NBR POM	250	-30°C to +100°C	0.5	RBX
S43	U SEAL		NBR POM	200	-30°C to +100°C	0.5	RBO

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
*S44	U SEAL		NBR POM	250	-30°C to +100°C	0.5	RBW
S45	FLUID SEAL		NBR FABRIC	400	-30°C to +100°C	0.5	RUM
S46	FLUID SEAL		NBR FABRIC POM	400	-30°C to +100°C	0.5	RFD
S47	FLUID SEAL		NBR FABRIC POM	400	-30°C to +100°C	0.5	RFA
S48	FLUID SEAL		NBR FABRIC POM	250	-30°C to +100°C	0.5	RBH
S49	FLUID SEAL		NBR FABRIC POM	250	-30°C to +100°C	0.5	RBQ
S50	COMPACT SEAL		NBR FABRIC POM	500	-30°C to +100°C	0.5	RBR
S51	FLUID SEAL		NBR FABRIC POM	250	-30°C to +100°C	0.5	RBU
S52	FLUID SEAL		NBR FABRIC POM	400	-30°C to +100°C	0.5	RFC
S53	DOUBLE ACTING U SEAL		NBR FABRIC	200	-30°C to +100°C	0.5	RUR
S54	U SEAL		PU SPRING	400	-30°C to +100°C	1.0	RUV
S55	U SEAL		PU POM	300	-30°C to +100°C	1.0	RBZ
S56	U SEAL		PU NBR POM	300	-30°C to +100°C	0.5	RCA
S57	U SEAL		NBR FABRIC POM	300	-30°C to +100°C	0.5	RFG
S58	FLUID SEAL		PU POM	300	-30°C to +100°C	1.0	RFF

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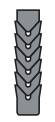
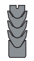
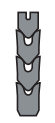
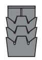
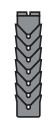
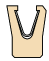
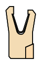
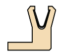
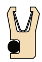
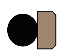
ROD SEALS

HYDRAULIC ROD SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
*S59	CHEVRON PACK		NBR FABRIC	400	-30°C to +100°C	0.5	RVA
S60	CHEVRON PACK		NBR FABRIC	400	-30°C to +100°C	0.5	RVB
*S61	CHEVRON PACK		NBR FABRIC	400	-30°C to +100°C	0.5	RVC
*S62	CHEVRON PACK		NBR FABRIC	500	-30°C to +100°C	0.5	RVD
S63	CHEVRON PACK		NBR FABRIC	600	-30°C to +100°C	0.5	RVF
S64	CHEVRON PACK		NBR FABRIC	500	-30°C to +100°C	0.5	RVM
S65	CHEVRON PACK		NBR FABRIC	400	-30°C to +100°C	0.5	RVP
S66	TWIN SET		NBR NYLON	350	-30°C to +100°C	0.5	RVH
S67	CHEVRON PACK		PU NYLON	400	-30°C to +100°C	0.5	RVK
S68	CHEVRON PACK		NBR PU NYLON	400	-30°C to +100°C	0.5	RVL
S69	CHEVRON PACK		NBR FABRIC	400	-30°C to +100°C	0.5	RVQ
S70	CHEVRON PACK		NBR	100	-30°C to +100°C	0.5	RVR
S71	U SEAL		NBR SPRING	10	-30°C to +100°C	0.5	WRR
S72	U SEAL		PU	300	-30°C to +100°C	1.0	-

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
*S73	U SEAL		NBR PU	400	-30°C to +100°C	1.0	RUU
*S74	COMPACT SEAL		NBR BRONZE PTFE	400	-30°C to +100°C	2.0	RTG
*S76	U SEAL		PU STEEL	400	-30°C to +100°C	0.5	RBE
S77	U SEAL		NBR FABRIC	200	-30°C to +100°C	0.5	RUN
S78	STEP SEAL		BRONZE PTFE NBR	400	-30°C to +100°C	5.0	RTE
S80	U SEAL		PTFE STEEL SPRING	200	-200°C to +260°C	10.0	-
S81	U SEAL		PTFE STEEL SPRING POM	350	-200°C to +260°C	10.0	-
S82	U SEAL		PTFE STEEL SPRING	200	-200°C to +260°C	10.0	-
S83	U SEAL		NBR PTFE STEEL SPRING	200	-30°C to +100°C	10.0	-
S84	COMPO-SITE SEAL		NBR PU	250	-30°C to +100°C	0.5	-
S85	GLYD RING		BRONZE PTFE NBR	400	-30°C to +100°C	15.0	-
S86	CHEVRON PACK		NBR FABRIC	400	-30°C to +100°C	15.0	-
S87	U SEAL		PU NYLON	250	-30°C to +100°C	0.5	-
S88	COMPO-SITE SEAL		BRONZE PTFE NBR	200	-30°C to +100°C	15.0	-

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SYMMETRICAL SEALS

MAX SPARE LIMITED
QUALITY. PRECISION. SPEED.

PNEUMATIC SYMMETRICAL SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
E01	U SEAL		NBR	12	-30°C to +100°C	1.0	SUB
E02	U SEAL		NBR	12	-30°C to +100°C	1.0	SUC
*E03	U SEAL		NBR	12	-30°C to +100°C	1.0	SUD
E04	U SEAL		NBR	12	-30°C to +100°C	1.0	SUE
*E05	U SEAL		NBR	16	-30°C to +100°C	1.0	SUL
E06	U SEAL		NBR	16	-30°C to +100°C	1.0	SUK

HYDRAULIC SYMMETRICAL SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
*E07	U SEAL		PU	400	-30°C to +100°C	1.0	SUA
E08	U SEAL		PU NBR	350	-30°C to +100°C	1.0	SUH
E09	U SEAL		PU NBR	350	-30°C to +100°C	1.0	SUI
*E10	U SEAL		PU NBR	350	-30°C to +100°C	1.0	SUJ
E11	U SEAL		NBR	100	-30°C to +100°C	0.5	SUF
E12	U SEAL		NBR	150	-30°C to +100°C	0.5	SUM
E13	U SEAL		PU NBR	450	-30°C to +100°C	1.0	SUO

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
E14	U SEAL		NBR	100	-30°C to +100°C	0.5	SNA
E15	U SEAL		PU NBR	350	-30°C to +100°C	1.0	SUG
*E16	FLUID SEAL		NBR FABRIC	250	-30°C to +100°C	0.5	SFD
E17	FLUID SEAL		NBR FABRIC	250	-30°C to +100°C	0.5	SNB
E18	TWIN SET		NBR FABRIC	250	-30°C to +100°C	0.5	SVA
E19	FLUID SEAL		NBR FABRIC	400	-30°C to +100°C	1.0	SFA
E20	U SEAL		NBR FABRIC	200	-30°C to +100°C	0.5	SUN
E21	FLUID SEAL		NBR FABRIC	250	-30°C to +100°C	0.5	SNC
E22	FLUID SEAL		NBR FABRIC	500	-30°C to +100°C	0.5	SFB
E23	FLUID SEAL		NBR FABRIC	250	-30°C to +100°C	0.5	SFF
E24	U SEAL		NBR FABRIC	200	-30°C to +100°C	0.5	SUP
E25	FLUID SEAL		NBR FABRIC	250	-30°C to +100°C	0.5	SFC
E26	FLUID SEAL		NBR FABRIC	250	-30°C to +100°C	0.5	SFE
E27	U SEAL		NBR FABRIC	250	-30°C to +100°C	0.5	SUV
E28	FLUID SEAL		NBR FABRIC	280	-30°C to +100°C	0.5	SFG

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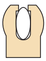
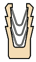
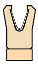
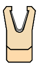
SYMMETRICAL SEALS

HYDRAULIC SYMMETRICAL SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
E29	FLUID SEAL		NBR FABRIC	400	-30°C to +100°C	0.5	PUK
E30	FLUID SEAL		NBR FABRIC	400	-30°C to +100°C	0.5	RFE
E32	U SEAL		NBR FABRIC	600	-30°C to +100°C	0.5	RVI
E33	U SEAL		NBR FABRIC	600	-30°C to +100°C	0.5	RVE
E34	U SEAL		PU	250	-30°C to +100°C	1.0	SUT
E35	U SEAL		PTFE SPRING	350	-200°C to +260°C	10.0	STA
*E36	U SEAL		PTFE SPRING	350	-200°C to +260°C	10.0	STB
E37	U SEAL		NBR NYLON	250	-30°C to +100°C	0.5	SUS
E38	U SEAL		PTFE SPRING	350	-200°C to +260°C	10.0	-
E39	U SEAL		PTFE SPRING	350	-200°C to +260°C	10.0	-
E40	U SEAL		PTFE SPRING	350	-200°C to +260°C	10.0	-
E41	U SEAL		PTFE SPRING	350	-200°C to +260°C	10.0	-
E42	U SEAL		PTFE SPRING POM	350	-200°C to +260°C	10.0	-
E43	U SEAL		PTFE SPRING POM	350	-200°C to +260°C	10.0	-

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WIPER SEALS

MAX SPARE LIMITED
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PNEUMATIC WIPER SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
*W01	WIPER SEAL		NBR	16	-30°C to +100°C	1.0	WRA
W02	WIPER SEAL		NBR	-	-30°C to +100°C	1.0	WRF
W03	WIPER SEAL		NBR	-	-30°C to +100°C	0.5	WDC
W04	WIPER SEAL		NBR STEEL	16	-30°C to +100°C	1.0	WIE
W05	WIPER SEAL		NBR STEEL	16	-30°C to +100°C	0.5	WIC
W06	WIPER SEAL		NBR STEEL	16	-30°C to +100°C	1.0	WDE
W07	WIPER SEAL		PU	16	-30°C to +100°C	1.0	WDB
W08	WIPER SEAL		NBR POM	16	-30°C to +100°C	1.0	RBL
W09	WIPER SEAL		PU STEEL	16	-30°C to +100°C	1.0	RUO

HYDRAULIC WIPER SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
*W10	WIPER SEAL		NBR	-	-30°C to +100°C	0.5	WRC
*W11	WIPER SEAL		NBR	-	-30°C to +100°C	0.5	WRB
*W12	WIPER SEAL		NBR	-	-30°C to +100°C	0.5	WDD
*W13	WIPER SEAL		PU	-	-30°C to +100°C	1.0	WDA
W14	WIPER SEAL		NBR STEEL	-	-30°C to +100°C	0.5	WCA
*W15	WIPER SEAL		NBR STEEL	-	-30°C to +100°C	0.5	WCB
W16	WIPER SEAL		PU STEEL	-	-30°C to +100°C	1.0	WCC
W17	WIPER SEAL		NBR STEEL	-	-30°C to +100°C	0.5	WIA
W18	WIPER SEAL		PU	-	-30°C to +100°C	1.0	WRG
W19	WIPER SEAL		PU	-	-30°C to +100°C	1.0	WTG
*W20	WIPER SEAL		PU	-	-30°C to +100°C	1.0	WRH
W21	WIPER SEAL		PU	-	-30°C to +100°C	1.0	WRD
W22	WIPER SEAL		NBR FABRIC	-	-30°C to +100°C	1.0	WRM
W23	WIPER SEAL		NBR	-	-30°C to +100°C	1.0	WRS
*W24	WIPER SEAL		PU	-	-30°C to +100°C	1.0	WRQ

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MAX SPARE LIMITED
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WIPER SEALS

HYDRAULIC WIPER SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
W25	WIPER SEAL		PU STEEL	-	-30°C to +100°C	1.0	WCD
W26	WIPER SEAL		PU STEEL SPRING	-	-30°C to +100°C	1.0	WCK
W27	SCRAPER RING		PTFE STEEL	-	-200°C to +260°C	0.5	WCI
W28	WIPER SEAL		PTFE STEEL NBR	-	-30°C to +100°C	0.5	WCJ
W29	WIPER SEAL		PU STEEL	-	-30°C to +100°C	1.0	WCF
W30	SCRAPER RING		BRASS NBR STEEL	-	-30°C to +100°C	1.0	WCE
W31	SCRAPER RING		PTFE STEEL	-	-200°C to +260°C	0.5	WCG
W32	WIPER SEAL		PU STEEL	-	-30°C to +100°C	1.0	WCH
W33	SCRAPER RING		NBR BRASS	-	-30°C to +100°C	0.5	WRL
W34	WIPER SEAL		PU	-	-30°C to +100°C	1.0	WRN
W36	WIPER SEAL		PU	-	-30°C to +100°C	1.0	WRO

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
W37	SCRAPER RING		BRONZE PTFE NBR	-	-30°C to +100°C	5.0	WTE
*W38	SCRAPER RING		BRONZE PTFE NBR	-	-30°C to +100°C	10.0	WTC
*W39	SCRAPER RING		BRONZE PTFE NBR	-	-30°C to +100°C	15.0	WTB
*W40	WIPER SEAL		NBR STEEL	-	-30°C to +130°C	0.5	WID
W41	WIPER SEAL		NBR STEEL	-	-30°C to +100°C	0.5	WIF
*W42	WIPER SEAL		NBR	-	-30°C to +100°C	0.5	WRT
*W43	WIPER SEAL		PU	-	-30°C to +100°C	1.0	WRK
W44	WIPER SEAL		PU	-	-30°C to +100°C	1.0	-
W45	WIPER SEAL		PU	-	-30°C to +100°C	1.0	-
W46	WIPER SEAL		NBR	-	-30°C to +100°C	1.0	-
W47	WIPER SEAL		NBR	-	-30°C to +100°C	1.0	-

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* Mark profiles can be Machined

GUIDE RINGS

MAX SPARE LIMITED
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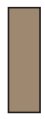
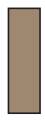
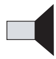
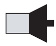
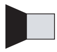
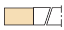
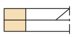
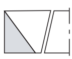
GUIDE RINGS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
*PG1	PISTON GUIDE RING		BRONZE PTFE	-	-200°C to +260°C	10.0	GA
*PG2	PISTON GUIDE RING		CPF RESIN	-	-20°C to +120°C	1.0	GE
*PG3	PISTON GUIDE RING		POM	-	-30°C to +125°C	1.0	GF
SG1	ROD GUIDE RING		BRONZE PTFE	-	-200°C to +260°C	10.0	GB
*SG2	ROD GUIDE RING		CPF RESIN	-	-20°C to +120°C	1.0	GC
*SG3	ROD GUIDE RING		POM	-	-30°C to +125°C	1.0	GG
SG4	ROD GUIDE RING		CPF RESIN	-	-20°C to +120°C	1.0	GD
GS	GUIDE STRIP		BFT / PRW	-	-	-	-

BONDED SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
B01	BONDED SEAL		NBR STEEL	1000	-30°C to +100°C	0.5	BA
B02	BONDED SEAL		NBR STEEL	1000	-30°C to +100°C	0.5	BC
B03	BONDED SEAL		NBR STEEL	1000	-30°C to +100°C	0.5	BE
B04	BONDED SEAL		NBR STEEL	1000	-30°C to +100°C	0.5	-
B05	BONDED SEAL		NBR STEEL	1000	-30°C to +100°C	0.5	BD

BACK UP RINGS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
T01	BACK UP RING		PTFE	-	-200°C to +260°C	-	BU
T02	SPIRAL BACK UP RING		PTFE	-	-200°C to +260°C	-	-
T03	GROOVE BACK UP RING		NBR	-	-30°C to +100°C	-	FG
T04	TRIANGLE BACK UP RING		NYLON	-	-20°C to +220°C	-	-
T05	TRIANGLE BACK UP RING		NYLON	-	-20°C to +220°C	-	-

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STATIC SEALS

STATIC SEALS / FLANGE SEAL

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
OR	O RING		NBR	100	-30°C to +100°C	-	OR
QR	QUAD RING		NBR	100	-30°C to +100°C	-	QR
FR	FLAT RING		NBR	-	-30°C to +100°C	-	FR
OB1	O RING WITH 1 BU-RING		NBR NYLON	-	-30°C to +100°C	-	OBU-1
OB2	O RING WITH 2 BU-RING		NBR NYLON	-	-30°C to +100°C	-	OBU-2
CD	O RING CORD		NBR	-	-30°C to +100°C	-	CD
OG1	O RING WITH 1 BU-RING		NBR NYLON	-	-30°C to +100°C	-	OFG-1
OG2	O RING WITH 2 BU-RING		NBR NYLON	-	-30°C to +100°C	-	OFG-2
QB1	QUAD RING 1 BU-RING		NBR NYLON	-	-30°C to +100°C	-	QBU-1
QB2	QUAD RING 2 BU-RING		NBR NYLON	-	-30°C to +100°C	-	QBU-2
FB	BUSH		NBR	-	-30°C to +100°C	-	FB
*A01	COVER SEAL		PU	600	-30°C to +100°C	-	RUT
*A02	COVER SEAL		PU	600	-30°C to +100°C	-	PEM
A03	FLANGE SEAL		PU	400	-30°C to +100°C	-	BB
A04	FLANGE SEAL		PTFE STEEL SPRING	300	-200°C to +260°C	-	LE

STATIC SEALS / FLANGE SEAL

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
A05	FLANGE SEAL		NBR STEEL	400	-30°C to +100°C	-	LD
A06	FLANGE SEAL		PU	800	-30°C to +100°C	-	BF
A07	FLANGE SEAL		PU	400	-30°C to +100°C	-	ECO
A08	OUTER D RING		NBR	100	-30°C to +100°C	-	-
A09	COVER SEAL		PTFE STEEL SPRING	800	-200°C to +260°C	-	-
A10	COVER SEAL		PTFE STEEL SPRING	800	-200°C to +260°C	-	-
A11	FLANGE SEAL		PTFE STEEL SPRING	300	-200°C to +260°C	-	-
A12	FLANGE SEAL		PU	400	-30°C to +100°C	-	-
A13	FLANGE SEAL		NBR	300	-30°C to +100°C	-	-
A14	D RING		NBR	300	-30°C to +100°C	-	-
A15	FACE SEAL		BRONZE PTFE NBR	300	-30°C to +100°C	-	-
A16	BALL VALVE SEAT		PTFE	300	-200°C to +260°C	-	-
A17	FERRULE GASKET		NBR	300	-30°C to +100°C	-	-
A18	ROTALION SEAL		NBR NYLON	300	-30°C to +100°C	-	-
A19	FLANGE SEAL		NBR	200	-30°C to +100°C	-	-

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OTHER PROFILES

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MALE ADAPTER

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
M01	TOP RING		NBR FABRIC	-	-30°C to +100°C	-	SVE TOP
M02	TOP RING		NBR FABRIC	-	-30°C to +100°C	-	RVM TOP
M03	TOP RING		NBR	-	-30°C to +100°C	-	RVD TOP
M04	TOP RING		NBR FABRIC	-	-30°C to +100°C	-	RVF TOP
M05	TOP RING		NBR FABRIC	-	-30°C to +100°C	-	RVC TOP

FEMALE ADAPTER

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
F01	BOTTOM RING		NBR FABRIC	-	-30°C to +100°C	-	SVD BOTTOM
F02	BOTTOM RING		NBR FABRIC	-	-30°C to +100°C	-	RVM BOTTOM
F03	BOTTOM RING		NBR FABRIC	-	-30°C to +100°C	-	RVD BOTTOM
F04	BOTTOM RING		NBR FABRIC	-	-30°C to +100°C	-	RVF BOTTOM
F05	BOTTOM RING		NBR FABRIC	-	-30°C to +100°C	-	RVC BOTTOM

CENTER RING

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
C01	CENTER RING		NBR FABRIC	-	-30°C to +100°C	-	SVB CENTER
C02	CENTER RING		NBR FABRIC	-	-30°C to +100°C	-	RVM CENTER
C03	ROD CENTER RING		NBR FABRIC	-	-30°C to +100°C	-	RVD CENTER
C04	CENTER RING		NBR FABRIC	-	-30°C to +100°C	-	RVF CENTER
C05	CENTER RING		NBR FABRIC	-	-30°C to +100°C	-	RVC CENTER
C06	PISTON CENTER RING		NBR FABRIC	-	-30°C to +100°C	-	PVF CENTER

OIL & GAS SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
OGE	PISTON-S-SEAL		NBR	1300	-30°C to +100°C	-	SSP
OGI	ROD-S-SEAL		NBR	1300	-30°C to +100°C	-	SSR

VALVE SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
D01	VALVE SEAL		NBR	-	-30°C to +100°C	-	DNA
D02	VALVE SEAL		NBR	-	-30°C to +100°C	-	DNB
D03	VALVE SEAL		NBR	-	-30°C to +100°C	-	DNC
D04	VALVE SEAL		NBR	-	-30°C to +100°C	-	-

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ROTARY SEALS

ROTARY SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
*R01	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AIA
*R02	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AIB
R03	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AIC
R04	ROTARY SEAL		NBR STEEL	0.5	-30°C to +100°C	10.0	AID
R05	ROTARY SEAL		NBR STEEL	0.5	-30°C to +100°C	10.0	AIE
R06	ROTARY SEAL		NBR SPRING	0.5	-30°C to +100°C	10.0	AIF
R07	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AIG
R08	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	12.0	AIH
R09	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	AII
R10	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AIJ
R11	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AIK
R12	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AIN
R13	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AIL
R14	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AIO
*R15	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	ACA

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
R16	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	ACB
*R17	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	ACC
R18	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	ACD
R19	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	ACE
R20	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	ACF
R21	ROTARY SEAL		NBR STEEL	0.5	-30°C to +100°C	6.0	ACG
R22	ROTARY SEAL		NBR STEEL	0.5	-30°C to +100°C	10.0	ACH
*R23	HEAVY DUTY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	ACI
R24	HEAVY DUTY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	ACJ
R25	HEAVY DUTY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	ACK
R26	HEAVY DUTY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	35.0	ACL
R27	HEAVY DUTY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	ACM
R28	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	ACN
R29	HEAVY DUTY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	12.0	ACO
*R30	HEAVY DUTY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	ACP

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ROTARY SEALS

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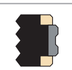
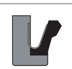
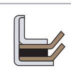
ROTARY SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
*R31	FABRIC SEAL		NBR FABRIC STEEL SPRING	0.5	-30°C to +100°C	10.0	AFA
R32	FABRIC SEAL		NBR FABRIC STEEL SPRING	0.5	-30°C to +100°C	10.0	AFB
R33	FABRIC SEAL		NBR FABRIC STEEL SPRING	0.5	-30°C to +100°C	10.0	AFC
R34	FABRIC SEAL		NBR FABRIC STEEL SPRING	1.0	-30°C to +100°C	10.0	AFD
R35	FABRIC SEAL		NBR FABRIC STEEL SPRING	0.5	-30°C to +100°C	10.0	AFL
R36	FABRIC SEAL		NBR FABRIC STEEL SPRING	0.5	-30°C to +100°C	10.0	AFE
R37	FABRIC SEAL		NBR FABRIC STEEL SPRING	0.5	-30°C to +100°C	10.0	AFF
R38	FABRIC SEAL		NBR FABRIC STEEL SPRING	0.5	-30°C to +100°C	10.0	AFG
R39	FABRIC SEAL		NBR FABRIC	0.5	-30°C to +100°C	5.0	AFH
R40	FABRIC SEAL		NBR FABRIC	0.5	-30°C to +100°C	10.0	AFI
R41	FABRIC SEAL		NBR FABRIC STEEL SPRING	10.0	-30°C to +100°C	5.0	AFJ
R42	FABRIC SEAL		NBR FABRIC	0.5	-30°C to +100°C	5.0	AFK
R43	FABRIC SEAL		NBR FABRIC	200	-30°C to +100°C	0.10	AFM
*R44	FABRIC SEAL		NBR FABRIC POM	400	-30°C to +100°C	0.20	AFN
R45	FABRIC SEAL		NBR FABRIC STEEL SPRING	0.5	-30°C to +100°C	10.0	AFO

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
R46	FABRIC SEAL		NBR FABRIC	0.5	-30°C to +100°C	10.0	AFP
R47	FABRIC SEAL		NBR FABRIC STEEL SPRING	0.5	-30°C to +100°C	10.0	AFQ
R48	FABRIC SEAL		NBR FABRIC STEEL SPRING	0.5	-30°C to +100°C	10.0	AFZ
R49	HIGH PRE. SEAL		NBR STEEL SPRING	5.0	-30°C to +100°C	10.0	AHA
R50	HIGH PRE. SEAL		NBR STEEL SPRING	5.0	-30°C to +100°C	10.0	AHB
R51	HIGH PRE. SEAL		NBR STEEL SPRING	10.0	-30°C to +100°C	5.0	AHC
R52	HIGH PRE. SEAL		NBR STEEL SPRING NYLON	10.0	-30°C to +100°C	5.0	AHD
R53	HIGH PRE. SEAL		NBR STEEL SPRING NYLON	10.0	-30°C to +100°C	5.0	AHF
R54	HIGH PRE. SEAL		NBR STEEL SPRING NYLON	10.0	-30°C to +100°C	5.0	AHI
R55	FABRIC SEAL		NBR FABRIC STEEL SPRING	0.5	-30°C to +100°C	10.0	AFV
R56	TEFLON SEAL		PTFE NBR STEEL	10.0	-30°C to +100°C	30.0	ATA
*R57	ROTO GLYD RING		NBR BRONZE PTFE	300	-30°C to +100°C	2.0	ATE
*R58	ROTO GLYD RING		NBR BRONZE PTFE	300	-30°C to +100°C	2.0	ATF
R59	TEFLON SEAL		PTFE NBR STEEL	10.0	-30°C to +100°C	40.0	ATK
R61	ROTARY SEAL		NBR	0.5	-30°C to +100°C	1.0	AZC

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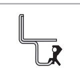
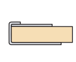
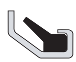
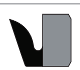
ROTARY SEALS

ROTARY SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
R62	ROTARY SEAL		NBR	0.5	-30°C to +100°C	1.0	AZD
R63	BEARING SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AZI
R64	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	5.0	AZN
R65	ROTARY SEAL		LEATHER STEEL SPRING	0.5	-30°C to +100°C	5.0	AZP
R66	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	5.0	AZQ
R67	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	5.0	AZR
R68	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	12.0	AZS
R69	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AZV
R70	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	20.0	AZX
R71	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AYJ
R73	BEARING SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AZZ
R74	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AYA
R75	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AYB
R76	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AYC
R79	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AZM

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
R80	NECK SEAL		NBR STEEL SPRING	2.0	-30°C to +100°C	25.0	ANA
R81	NECK SEAL		NBR STEEL SPRING	2.0	-30°C to +100°C	25.0	ANB
R82	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AYE
R83	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AYK
R84	ROTARY SEAL		STEEL FELT	0.5	-30°C to +100°C	10.0	AZB
R85	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	6.0	AZO
R86	ROTARY SEAL		NBR STEEL	-	-30°C to +100°C	20.0	AYL
R87	ROTARY SEAL		NBR STEEL	-	-30°C to +100°C	20.0	AYM
R88	HIGH RPM SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	AIP
R89	HIGH RPM SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	AIQ
R90	HIGH RPM SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	ACX
R91	HIGH RPM SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	ACY
R92	FABRIC SEAL		NBR FABRIC	0.5	-30°C to +100°C	10.0	AFU
R93	OD SEALING SEAL		NBR FABRIC	0.5	-30°C to +100°C	10.0	AOB
R94	OD SEALING SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AOC

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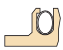
* Mark profiles can be Machined

ROTARY SEALS

MAX SPARE LIMITED
QUALITY. PRECISION. SPEED.

ROTARY SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
R95	OD SEALING SEAL		NBR STEEL	0.5	-30°C to +100°C	10.0	AOD
R96	OD SEALING SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AOG
R97	OD SEALING SEAL		NBR FABRIC STEEL SPRING	0.5	-30°C to +100°C	10.0	AOF
R98	ROTARY SEAL		NBR STEEL SPRING	10.0	-30°C to +100°C	5.0	AHE
*R99	TEFLON SEAL		CAT STEEL SPRING	10.0	-200°C to +260°C	30.0	ATG
RA1	ROTARY SEAL		NBR STEEL	0.5	-30°C to +100°C	10.0	AIS
RA2	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AIT
RA3	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AIU
RA4	ROTARY SEAL		NBR STEEL	0.5	-30°C to +100°C	10.0	AIV
RA5	FABRIC SEAL		NBR FABRIC STEEL SPRING	0.5	-30°C to +100°C	15.0	AFW
RA6	FABRIC SEAL		NBR FABRIC STEEL SPRING	0.5	-30°C to +100°C	10.0	AFX
RA7	FABRIC SEAL		NBR FABRIC	0.5	-30°C to +100°C	10.0	AFY
RA8	ROTARY SEAL		NBR NYLON	40.0	-30°C to +100°C	0.2	AHK
RA9	TEFLON SEAL		NBR PTFE STEEL	10.0	-40°C to +220°C	30.0	ATP
RB1	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AYN

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
RC4	OD SEALING SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AOJ
RB3	BEARING SEAL		NBR STEEL	0.5	-30°C to +100°C	10.0	AYR
RB4	ROTARY SEAL		NBR FABRIC SPRING	0.5	-30°C to +100°C	5.0	AFT
RB5	ROTARY SEAL		NBR SPRING	0.5	-30°C to +100°C	10.0	AYT
*RB6	FABRIC SEAL		NBR FABRIC SPRING	0.5	-30°C to +100°C	10.0	AFS
RB7	ROTARY SEAL		NBR STEEL	0.5	-30°C to +100°C	-	ACQ
RB8	ROTARY SEAL		NBR STEEL	0.5	-30°C to +100°C	-	-
RB9	ROTARY SEAL		NBR STEEL SPRING POM	10.0	-30°C to +100°C	5.0	AHG
RC1	ROTARY SEAL		NBR	20.0	-30°C to +100°C	0.2	AHH
RC2	OD SEALING SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AOE
RC3	OD SEALING SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AOI
RB2	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AYO
RC5	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	AYG
RC6	TEFLON SEAL		NBR PTFE STEEL	10.0	-40°C to +220°C	40.0	ATB
*RC7	TEFLON SEAL		PTFE NBR STEEL SPRING	8.0	-40°C to +220°C	5.0	ATC

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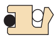
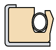
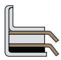
ROTARY SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
RC8	TEFLON SEAL		PTFE NBR STEEL SPRING	8.0	-40°C to +220°C	5.0	ATD
RD1	ROTARY SEAL		NBR STEEL	0.5	-30°C to +100°C	10.0	-
RD2	ROTARY SEAL		NBR STEEL	10.0	-30°C to +100°C	5.0	-
RD3	ROTARY SEAL		NBR STEEL SPRING	5.0	-200°C to +260°C	2.0	-
RD4	ROTARY SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	-
RD5	ROTARY SEAL		NBR STEEL	0.5	-30°C to +100°C	10.0	-
RD6	ROTARY SEAL		PTFE NBR STEEL	15.0	-30°C to +100°C	10.0	ATO
RD7	ROTARY SEAL		PTFE STEEL SPRING	8.0	-200°C to +260°C	6.0	-

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
RD8	TEFLON SEAL		PTFE STEEL SPRING	8.0	-200°C to +260°C	10.0	-
RD9	TEFLON SEAL		PTFE NBR STEEL SPRING	8.0	-200°C to +260°C	10.0	-
RE1	FABRIC SEAL		NBR FABRIC STEEL SPRING	0.5	-30°C to +100°C	10.0	-
RE2	ROTARY SEAL		NBR STEEL SPRING	40.0	-30°C to +100°C	0.2	-
RG6	ROTARY SEAL		NBR	100.0	-30°C to +100°C	0.2	-
RG7	ROTARY SEAL		NBR	100.0	-30°C to +100°C	0.2	-
RH1	TEFLON SEAL		PTFE NBR STEEL	15.0	-30°C to +100°C	30.0	-

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CASSETTE SEALS

MAX SPARE LIMITED
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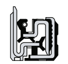
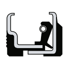
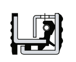
CASSETTE SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
R60	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	AZA
R72	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	AZY
R77	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	AIC
R78	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	AID
RE3	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	-
RE4	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	-
RE5	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	-
RE6	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	-
RE7	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	-
RE8	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	-
RE9	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	-
RF1	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	-
RF2	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	-
RF3	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	-

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
RF4	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	-
RF5	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	-
RF6	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	-
RF7	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	12.0	-
RF8	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	6.0	-
RF9	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	6.0	-
RG1	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	6.0	-
RG2	CASSETTE SEAL		NBR STEEL	0.5	-30°C to +100°C	6.0	-
RG3	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	-
RG4	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	10.0	-
RG5	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	-
RG8	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	-
RG9	CASSETTE SEAL		NBR STEEL SPRING	0.5	-30°C to +100°C	15.0	-

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V RINGS

V RINGS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
*V01	V RING		NBR	-	-30°C to +100°C	10.0	VRA
*V02	V RING		NBR	-	-30°C to +100°C	10.0	VRS
V03	V RING		NBR	-	-30°C to +100°C	10.0	VRL
V04	V RING		NBR	-	-30°C to +100°C	10.0	VRE
V05	V RING		NBR	-	-30°C to +100°C	10.0	VAX
V06	V RING		NBR	-	-30°C to +100°C	10.0	VRM
V07	V RING		NBR	-	-30°C to +100°C	10.0	VRN

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
V08	V RING		NBR FABRIC	-	-30°C to +100°C	12.0	VRF
V09	V RING		NBR STEEL	-	-30°C to +100°C	15.0	VZA
V10	V RING		NBR STEEL	-	-30°C to +100°C	12.0	VZB
V11	V RING		NBR STEEL	-	-30°C to +100°C	15.0	VZH
V12	V RING		NBR	-	-30°C to +100°C	15.0	VZF
V13	V RING		NBR STEEL	-	-30°C to +100°C	10.0	VZE
V14	V RING		NBR	-	-30°C to +100°C	10.0	VLX

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EXTRUSION PROFILES

MAX SPARE LIMITED
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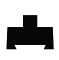
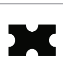
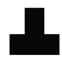
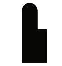
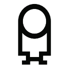
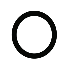
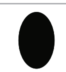
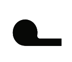
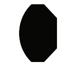
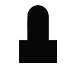
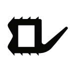
EXTRUSION PROFILES

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
X01	-		NBR	-	-30°C to +100°C	-	-
X02	-		NBR	-	-30°C to +100°C	-	-
X03	-		NBR	-	-30°C to +100°C	-	-
X04	-		NBR	-	-30°C to +100°C	-	-
X05	-		NBR	-	-30°C to +100°C	-	-
X06	-		NBR	-	-30°C to +100°C	-	-
X07	-		NBR	-	-30°C to +100°C	-	-
X08	-		NBR	-	-30°C to +100°C	-	-
X09	-		NBR	-	-30°C to +100°C	-	-
X10	-		NBR	-	-30°C to +100°C	-	-
X11	-		NBR	-	-30°C to +100°C	-	-
X12	-		NBR	-	-30°C to +100°C	-	-
X13	-		NBR	-	-30°C to +100°C	-	-
X14	-		NBR	-	-30°C to +100°C	-	-
X15	-		NBR	-	-30°C to +100°C	-	-
X16	-		NBR	-	-30°C to +100°C	-	-
X17	-		NBR	-	-30°C to +100°C	-	-
X18	-		NBR	-	-30°C to +100°C	-	-
X19	-		NBR	-	-30°C to +100°C	-	-
X20	-		NBR	-	-30°C to +100°C	-	-
X21	-		NBR	-	-30°C to +100°C	-	-
X22	-		NBR	-	-30°C to +100°C	-	-
X23	-		NBR	-	-30°C to +100°C	-	-
X24	-		NBR	-	-30°C to +100°C	-	-
X25	-		NBR	-	-30°C to +100°C	-	-
X26	-		NBR	-	-30°C to +100°C	-	-
X27	-		NBR	-	-30°C to +100°C	-	-
X28	-		NBR	-	-30°C to +100°C	-	-
X29	-		NBR	-	-30°C to +100°C	-	-
X30	-		NBR	-	-30°C to +100°C	-	-

EXTRUSION PROFILES

EXTRUSION PROFILES

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
X31	-		NBR	-	-30°C to +100°C	-	-
X32	-		NBR	-	-30°C to +100°C	-	-
X33	-		NBR	-	-30°C to +100°C	-	-
X34	-		NBR	-	-30°C to +100°C	-	-
X35	-		NBR	-	-30°C to +100°C	-	-
X36	-		NBR	-	-30°C to +100°C	-	-
X37	-		NBR	-	-30°C to +100°C	-	-
X38	-		NBR	-	-30°C to +100°C	-	-
X39	-		NBR	-	-30°C to +100°C	-	-
X40	-		NBR	-	-30°C to +100°C	-	-
X41	-		NBR	-	-30°C to +100°C	-	-
X42	-		NBR	-	-30°C to +100°C	-	-
X43	-		NBR	-	-30°C to +100°C	-	-
X44	-		NBR	-	-30°C to +100°C	-	-
X45	-		NBR	-	-30°C to +100°C	-	-

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
X46	-		NBR	-	-30°C to +100°C	-	-
X47	-		NBR	-	-30°C to +100°C	-	-
X48	-		NBR	-	-30°C to +100°C	-	-
X49	-		NBR	-	-30°C to +100°C	-	-
X50	-		NBR	-	-30°C to +100°C	-	-
X51	-		NBR	-	-30°C to +100°C	-	-
X52	-		NBR	-	-30°C to +100°C	-	-
X53	-		NBR	-	-30°C to +100°C	-	-
X54	-		NBR	-	-30°C to +100°C	-	-
X55	-		NBR	-	-30°C to +100°C	-	-
X56	-		NBR	-	-30°C to +100°C	-	-
X57	-		NBR	-	-30°C to +100°C	-	-
X58	-		NBR	-	-30°C to +100°C	-	-
X59	-		NBR	-	-30°C to +100°C	-	-
X60	-		NBR	-	-30°C to +100°C	-	-

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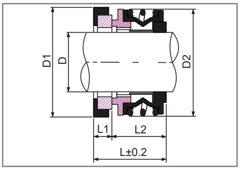
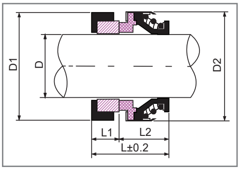
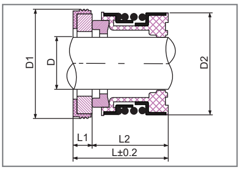
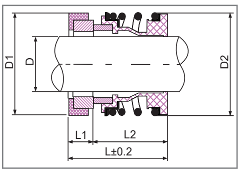
EXTRUSION PROFILES

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
X61	-		NBR	-	-30°C to +100°C	-	-
X62	-		NBR	-	-30°C to +100°C	-	-
X63	-		NBR	-	-30°C to +100°C	-	-
X64	-		NBR	-	-30°C to +100°C	-	-
X65	-		NBR	-	-30°C to +100°C	-	-

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATL	PRESSURE (max) bar	TEMP	SPEED m/s	MAX OLD TYPE
X66	-		NBR	-	-30°C to +100°C	-	-
X67	-		NBR	-	-30°C to +100°C	-	-
X68	-		NBR	-	-30°C to +100°C	-	-
X69	-		NBR	-	-30°C to +100°C	-	-
X70	-		NBR	-	-30°C to +100°C	-	-

MECHANICAL SEALS

MECHANICAL SEALS

PROFILE		MAX TYPE
		**MR1 - OP** **Material:** Casing : SS 304 Spring : SS 304 Rubber Bellow : NBR 70^0 Shore A Rotary Face : Carbon Stationary Face : Ceramic
		**MR2 - CL** **Material:** Casing : SS 304 Spring : SS 304 Rubber Bellow : NBR 70^0 Shore A Rotary Face : Carbon Stationary Face : Ceramic
		**MR4** **Material:** Casing : SS 304 Spring : SS 304 Rubber Bellow : NBR 70^0 Shore A Rotary Face : Carbon Stationary Face : Ceramic
		**MR6** **Material:** Casing : SS 304 Spring : SS 304 Rubber Bellow : NBR 70^0 Shore A Rotary Face : Carbon Stationary Face : Ceramic

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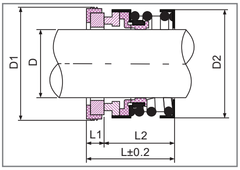
MECHANICAL SEALS

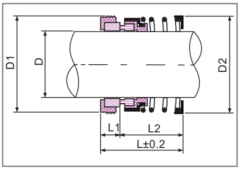
PROFILE	MAX TYPE



MR7

Material:

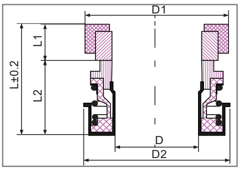
Casing : SS 304
Spring : SS 304
Rubber Bellow : NBR 70^0 Shore A
Rotary Face : Carbon
Stationary Face : Ceramic



MR8

Material:

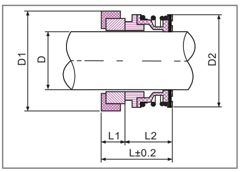
Casing : SS 304
Spring : SS 304
Rubber Bellow : NBR 70^0 Shore A
Rotary Face : Carbon
Stationary Face : Ceramic



MR9

Material:

Casing : SS 304
Spring : SS 304
Rubber Bellow : NBR 70^0 Shore A
Rotary Face : Carbon
Stationary Face : Ceramic



MR10

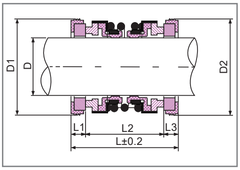
Material:

Casing : SS 304
Spring : SS 304
Rubber Bellow : NBR 70^0 Shore A
Rotary Face : Carbon
Stationary Face : Ceramic

MECHANICAL SEALS

MECHANICAL SEALS

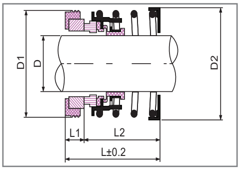
PROFILE	MAX TYPE



MR11

Material:

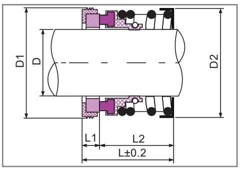
Casing : SS 304
Spring : SS 304
Rubber Bellow : NBR 70^0 Shore A
Rotary Face : Carbon
Stationary Face : Ceramic



MR12

Material:

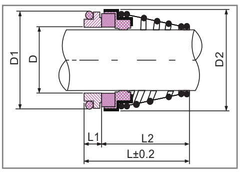
Casing : SS 304
Spring : SS 304
Rubber Bellow : NBR 70^0 Shore A
Rotary Face : Carbon
Stationary Face : Ceramic



MR13

Material:

Casing : SS 304
Spring : SS 304
Rubber Bellow : NBR 70^0 Shore A
Rotary Face : Carbon
Stationary Face : Ceramic

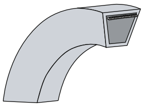


MU2

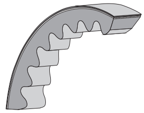
Material:

Casing : SS 304
Spring : SS 304
Rubber Bellow : NBR 70^0 Shore A
Rotary Face : Carbon
Stationary Face : Ceramic

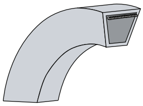
WRAPPED CLASSICAL BELTS

PROFILE	SECTIONS
	Z , A , B , C , D , E

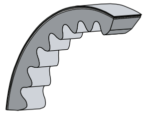
RAW EDGE CLASSICAL BELTS

PROFILE	SECTIONS
	ZX, AX, BX, CX, DX

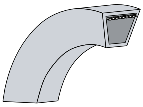
WRAPPED WEDGE BELTS

PROFILE	SECTIONS
	SPZ , SPA , SPB , SPC

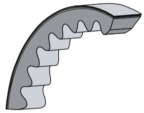
WRAPPED EDGE WEDGE BELTS

PROFILE	SECTIONS
	XPZ , XPA , XPB , XPC

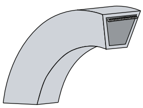
WRAPPED NARROW BELTS

PROFILE	SECTIONS
	3V , 5V , 8V

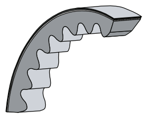
WRAPPED EDGE NARROW BELTS

PROFILE	SECTIONS
	3VX , 5VX , 8VX

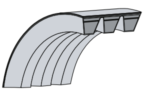
WRAPPED FRACTIONAL HORSE POWER BELTS

PROFILE	SECTIONS
	FHP / M

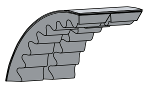
RAW EDGE AUTOMOTIVE BELTS

PROFILE	SECTIONS
	X9.5 / AVX10, X12.5 / AVX13 X13A, X17A

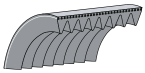
WRAPPED BANDED BELTS

PROFILE	SECTIONS
	HA, HB, HC, HSPB, H3V, H5V

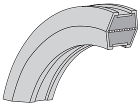
RAW EDGE BANDED BELTS

PROFILE	SECTIONS
	HAX , HBX , HCX , HXPZ , HXPA , HXPB , H3VX , H5VX

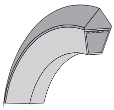
POLY RIBBED BELTS (RAM/MPTA IP - 26)

PROFILE	SECTIONS
	PH , PJ , PK , PL , PM

HEXAGONAL BELTS

PROFILE	SECTIONS
	AA, BB, CC

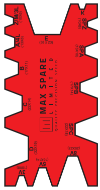
TOP PROFILE BELTS

PROFILE	SECTIONS
	B (17 X 22), C (22 X 25)

SPECIAL CONSTRUCTION BELTS

PROFILE	SECTIONS
	HEAVY DUTY V-BELTS
	ANTISTATIC OIL & HEAT RESISTANCE BELTS (AOH)
	FIRE RESISTANT & ANTISTATIC BELTS (FRAS)

BELTS MEASURING ACCESSORIES

PROFILE	SECTIONS
	PULLY GAUGE
	V-BELT GAUGE
	BELT TENSIONER

PULLEYS

	SECTIONS
	Z (SPZ), A (SPA), B (SPB), C (SPC)

OTHER PRODUCT

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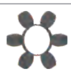
SPIDERS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATERIAL
N	SPIDER		NBR
P	SPIDER		PU
K	SPIDER		PU
M	SPIDER		PU
T	SPIDER		NBR
H	SPIDER		NBR
NW	SNAP WRAP SPIDER		NBR
TY	TYRE RUBBER ELEMENT		NBR

LUBRICANTS

	VARIANT
	MAX 40, AP2, AP3, EP2, EP3, MP, CHASSIS, MAX O-LUBE

MECHANICAL SEALS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATERIAL
MR	MECHANICAL SEAL		-

COUPLINGS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATERIAL
CN / CP	COUPLING		-
CK	COUPLING		-
CTY	COUPLING		-

ANTI VIBRATION MOUTING

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATERIAL
VM	MOUNT		-
LM	MOUNT		-

INSTALLATION TOOLS

MAX TYPE	PRODUCT NAME	SEAL PROFILE	MATERIAL
OR HOOK	LIGHT DUTY		-
OR HOOK	MEDIUM DUTY		-
OR HOOK	HEAVY DUTY		-
SEAL TWISTOR	TOOL		-

STORAGE OF SEALS

Storage Conditions:

Most polymers, including vulcanized rubber and other elastomers, tend to change their properties during storage and may become unusable. This may be due to hardening, softening, cracking or other deterioration and may result from exposure to oxygen, ozone, light, heat and / or moisture.

The following recommendations indicate the most suitable storage conditions for elastomeric products, whether it is a single item or a composite product.

1. **Temperature** - Ideal storage temperature should be 25°C (77°F). Low temperatures are not permanently harmful provided the rubber items are handled carefully and not distorted. When taken from low temperatures items should be raised to approximately 30°C (86°F) before they are used.
2. **Humidity** – Relative humidity is of 40% to 70% in a draft-free atmosphere.
3. **Light** – The products should be protected from direct sunlight, ultraviolet and artificial light have a high UV content.
4. **Oxygen and Ozone** - Wrapping, storage in airtight containers or other suitable means should be used for vulcanised rubber items. Storage in containers that limit exposure to environmental conditions (e.g. sealed plastic bags) should be used for all materials.
5. **Radiation** – Products should be protected from all sources of ionizing radiation.
6. **Deformation** – The rubber items should be stored in a relaxed position, without tension or compression. Laying the product on a flat surface and preventing its suspension or crushing keeps it from deforming and minimizes deformation.
7. **Contact with liquid or semi-liquid materials** – Rubber should not come in to contact with liquid or semi-liquid materials or their vapours at any time during storage, unless these materials are an integral part of the product or the manufacture's packaging.
8. **Contact with Metals** - Metals such as manganese, iron and copper, or copper alloys can have a harmful effect on rubber. A layer of paper, polyethylene or cellophane will keep these separated.
9. **Contact with Non-Metals** - Contact with other rubbers should be avoided.
10. **Stock Rotation** - Elastomers should be stored for as short a period as possible, and practice the First In First Out (FIFO system) stock liquidation.
11. **Cleaning** - Organic solvents such as trichloroethylene, carbon tetrachloride and petroleum are the most harmful agents. Soap and water and methylated spirits are the least harmful, and all parts should be dried at room temperature before use.
12. **Shelf Life** - The table shows the storage life of seal components made from the more common materials under ideal conditions. Storing under less than ideal conditions will reduce the life of the component.

Careful inspection for the following should be made before installation after storage:

- Cracks or Surface crazing
- Permanent distortion
- Mechanical damage
- Surface softening or hardening

Rubber / Elastomer	Max Code	Primary storage period (Years)	Extension of storage period after visual re-inspection (Years)
Nitrile Butadiene Rubber (NBR)	NT	7	3
Ethylene Propylene (EPDM)	EP	10	5
Fluorocarbon (FKM)	VT	10	5
Vinyl-Methyl-Silicon (VMQ)	SL	10	5
Polyurethane (PU)	PU	5	2
Engineering Thermoplastics:			
Acetal (POM)	ACT	Unlimited	-
Polyamide (PA)	NY		
Polytetrafluoroethylene (PTFE)	PFT		

Guidelines of ISO 2230

Max Spare uses raw materials of global standards procured from well known global companies such as DuPont, Lanxess, Bayer, Japan Synthetic Rubber, Huntsman etc.

Our Global Suppliers -

Elastomers:

Materials (Commonly known as)	Material Description	Temp. Range	Hardness (Shore A)
NITRILE	Acrylonitrile Butadiene Rubber (NBR)	-30°C to + 100°C	40A to 95A
NITRILE	Low Temp. Resistance Acrylonitrile Butadiene Rubber	-50ºC to + 100ºC	65A to 85A
NITRILE	High Oil Resistance Acrylonitrile Butadiene Rubber	-30ºC to + 120ºC	65A to 85A
XNBR	Carboxilated Nitrile Rubber (XNBR)	-30°C to + 100°C	60A to 95A
HNBR	Hydrogenated Acrylonitrile Butadiene (HNBR)	-30°C to + 150°C	60A to 90A
VITON	Fluro Rubber (FKM)	-40°C to + 220°C	60A to 95A
FFKM	Perfluoro Elastomer (FFKM)	-10°C to + 300°C	70A to 75A
FEPM	AFLAS (FEPM)	-10°C to + 200°C	70A to 95A
SILICONE	Silicon Rubber (VMQ)	-70°C to + 200°C	40A to 95A
FVMQ	Fluorosilicone Rubber (FVMQ)	-70°C to + 220°C	70A to 85A
NEOPRENE	Chlorobutadiene Rubber (CR)	-20°C to + 100°C	40A to 95A
EPDM	Ethylene Propylene Diene Rubber (EPDM)	-40°C to + 120°C	40A to 95A
BUTYL	Butyl Rubber (IIR)	-40°C to + 120°C	40A to 90A
NR	Natural Rubber (NR)	-30°C to + 80°C	30A to 95A
SBR	Styrene Butadiene Rubber	-50°C to + 100°C	40A to 95A
ACM	Polyacrylic Rubber (ACM)	-10°C to + 170°C	60A to 85A

Fabrics:

Materials (Commonly known as)	Material Description
Cotton Fabric	Cotton Fabric
Aramide Fabric	Aramide Fabric
Kevlar Fabric	Kevlar Fabric
Nylon Fabric	Nylon Fabric

Note: Fabric listed can be impregnated with above elastomers as per application requirement.

Thermoplastics & Thermosets:

Materials (Commonly known as)	Material Description	Temp. Range	Hardness (Shore A)
PU	Oil Resistance Polyurethane	-30°C to + 100°C	70A to 67D
PU - X	High Oil Resistance Polyurethane	-40°C to + 150°C	92A
PU - W	High Heat + Hydrolysis Resistance	-40°C to + 130°C	92A
CPU - H	Hydrolysis Cast Polyurethane	-30°C to + 100°C	90A
CPU - O	High Oil Resistance Cast Polyurethane	-30°C to + 100°C	95A
PP	Polypropylene (PP)	95°C	M80
LLDPE	Linear Low-Density Polyethylene	97°C	M65
UHMWPE	Ultra-High-Molecular-Weight Polyethylene	-270°C to +80°C	62D to 65D
PPS	Polyphenylene Sulphide	200°C	M100
DELRIN	Polyacetal (POM)	-40°C to + 140°C	M84
G.F.PA66	Glass Filled Polyamide (Nylon)	-20°C to + 220°C	M95
PEEK	Polyether Ether Ketone	Up to + 315°C	M99
TEFLON	Polytetrafluoroethylene (PTFE)	-200°C to + 260°C	50D to 65D
HYT	Hytrel	-30°C to + 100°C	46D to 72D
PRW	Polyester Resin Fabric	-20°C to + 120°C	M95
BFT	Bronze Filled Teflon (40% & 60% Bronze Filled PTFE)	-200°C to + 260°C	71D to 73D
GFT	Glass Filled Teflon (15% & 25% Glass filled PTFE)	-200°C to + 260°C	66D to 68D
CFT	Carbon Filled Teflon (15% & 25% Carbon filled PTFE)	-200°C to + 260°C	71D to 73D
GRT	Graphite Filled Teflon (15% & 25% Graphite filled PTFE)	-200°C to + 260°C	62D to 65D
TPE	Polyester Elastomer	-50°C to + 100°C	55D to 63D
PF	Phenolic Resin Bonded Fabric	-20°C to + 120°C	M89

IS 2494

CM/L-3777684

IN TECHNICAL COLLABORATION WITH
UKSEALS & POLYMERS LTD. (ENGLAND)

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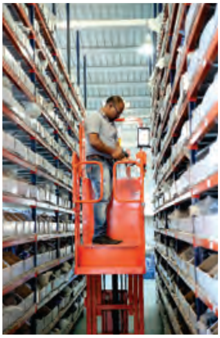

Seal Warehouse

OVER 1,00,000 SIZES IN STOCK

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