

## Compact seal type PSE

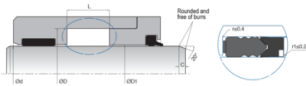


### Characteristics

**Type:** PSE

**Max. operating pressure:** 700 bar

**Maximum speed:** 0.5 m/s



Operating conditions			
Media	Mineral Oils (DIN 51524)	HFA and HFB	HFC
Temperature	-30°C + 100°C	+5°C + 60°C	-30°C + 60 °C
Pressure	≤700 bar	≤700 bar	≤700 bar
Speed	≤0,5 m/s	≤0,5 m/s	≤0,5 m/s

Note: The above data are maximum values, they may only be maintained for short periods of time and cannot be used at the same time simultaneously.

Surface roughness		
	Ra	Rmax
Sliding Surface	≤0,2 µm	≤2,0 µm
Groove Base	≤1,6 µm	≤6,3 µm
Groove Flanks	≤3,2 µm	≤16 µm

Hardware tolerances				
Dimension	Ød	ØD	L	ØD1
Tolerance	f8	H10	+0,4/-0 mm	+0,1/-0 mm

Rod diameter	Groove diameter	Groove width	Material seal	Material back-up ring	Temperature range	Article
mm	mm	mm			°C	
30	43	20	NBR	POM	-30 / 100	11239731
32	47	22.5	NBR	POM	-30 / 100	14440538
35	47	22.5	NBR	POM	-30 / 100	14440539
40	55	22.5	NBR	POM	-30 / 100	14440540
45	60	22.5	NBR	POM	-30 / 100	11325873
50	65	22.5	NBR	POM	-30 / 100	12961507
50	65	24.5	NBR	POM	-30 / 100	12961504
55	70	22.5	NBR	POM	-30 / 100	14440541
60	75	22.5	NBR	POM	-30 / 100	12961505
63	83	37	NBR	POM	-30 / 100	14440542
70	85	22.5	NBR	POM	-30 / 100	14440553

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Rod diameter	Groove diameter	Groove width	Material seal	Material back-up ring	Temperature range	Article
mm	mm	mm			°C	
70	90	30	NBR	POM	-30 / 100	12961506
80	95	22.5	NBR	POM	-30 / 100	14440555
80	100	30	NBR	POM	-30 / 100	14440554
85	95	22.5	NBR	POM	-30 / 100	14440556
90	110	30	NBR	POM	-30 / 100	12934076
100	120	30	NBR	POM	-30 / 100	13703068
110	130	32.5	NBR	POM	-30 / 100	14440552
114	130	20	NBR	POM	-30 / 100	14440557
115	125	22.5	NBR	POM	-30 / 100	14440559
115	130	30	NBR	POM	-30 / 100	14440558
120	140	30	NBR	POM	-30 / 100	14440560
125	145	29.6	NBR	POM	-30 / 100	14440561
140	155	22.5	NBR	POM	-30 / 100	14440562
140	160	28	NBR	POM	-30 / 100	11182437
140	160	30	NBR	POM	-30 / 100	14440563
160	180	28	NBR	POM	-30 / 100	14440564
180	205	35	NBR	POM	-30 / 100	14440565
200	225	35	NBR	POM	-30 / 100	12934072
220	240	22.5	NBR	POM	-30 / 100	14440566
220	245	35	NBR	POM	-30 / 100	14440567
260	280	30	NBR	POM	-30 / 100	14440583
260	285	35	NBR	POM	-30 / 100	14440568

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