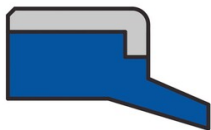


Wiper type EMP



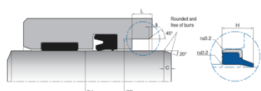
Characteristics

Type: EMP

Groove type: Open

Principle of operation: Single acting

Maximum speed: 1 m/s



Operating conditions			
Media	Mineral Oils [DIN 51524]	HFA and HFB	HFC
Temperature	-30°C + 100°C	+5°C + 50°C	-30°C + 40 °C
Speed	≤1,0 m/s	≤1,0 m/s	≤1,0 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	≤0,4 µm	≤3,2 µm
Groove Base	≤1,6 µm	≤10 µm
Groove Flanks	≤3,2 µm	≤16 µm

Hardware tolerances			
Dimension	Ød	ØD	L
Tolerance	f8	H8	+0,2/-0 mm

Rod diameter	Groove diameter	Groove width	Seal height	Material seal	Temperature range	Article
mm	mm	mm	mm		°C	
20	30	7	10	PUR	-30 / 100	14376337
25	35	7	10	PUR	-30 / 100	12961489
28	38	7	10	PUR	-30 / 100	11470185
30	40	7	10	PUR	-30 / 100	14376352
32	42	7	10	PUR	-30 / 100	14376353
35	45	7	10	PUR	-30 / 100	12108282
40	50	7	10	PUR	-30 / 100	14376354
45	55	7	10	PUR	-30 / 100	12108284
50	60	7	10	PUR	-30 / 100	14401384
55	65	7	10	PUR	-30 / 100	12764829
60	70	7	10	PUR	-30 / 100	14376355
65	75	7	10	PUR	-30 / 100	14376356

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Rod diameter	Groove diameter	Groove width	Seal height	Material seal	Temperature range	Article
mm	mm	mm	mm		°C	
70	80	7	10	PUR	-30 / 100	14376358
75	85	7	10	PUR	-30 / 100	14376359
80	90	7	10	PUR	-30 / 100	12563420
80	94	8	11	PUR	-30 / 100	13581316
85	95	7	10	PUR	-30 / 100	13944252
85	99	8	11	PUR	-30 / 100	14376360
90	100	7	10	PUR	-30 / 100	11327279
90	104	8	11	PUR	-30 / 100	14376361
95	105	7	10	PUR	-30 / 100	12693593
100	110	7	10	PUR	-30 / 100	14376362
130	146	9	12	PUR	-30 / 100	12365945
160	175	9	12	PUR	-30 / 100	14376363
180	195	10	14	PUR	-30 / 100	14376364

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