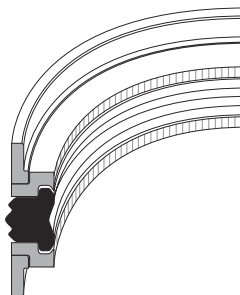


Piston Seals (Double Acting)

H-780

(Metric Size)

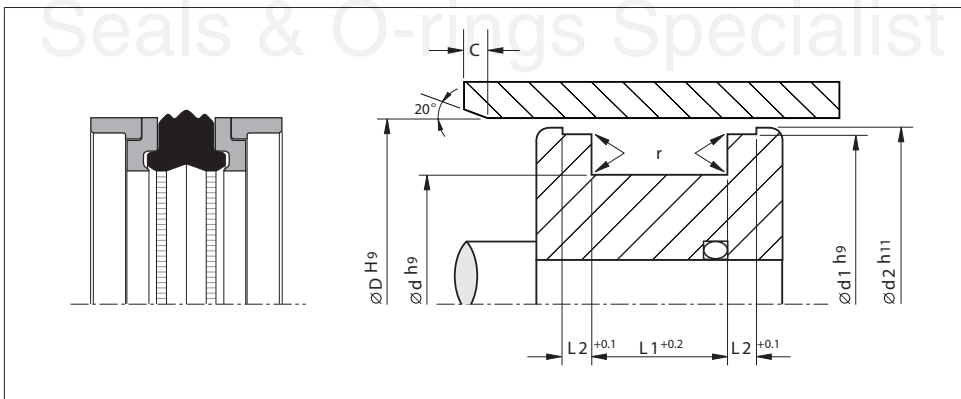


H-780

Material	Pressure (Bar)	Temp. (°C)	Speed (m/s)
NBR-Polyester-POM	400	-30 +100	0.5

- A robust assembly designed specifically for one piece piston.
- Extremely wear resistant.
- Capable of working in medium duty application.
- Economic and efficient sealing designed.

Installation Recommendation



Surface roughness	Ra	Rt	Chamfers	
Sliding surface	≤ 0.3 μm	≤ 4 μm	D	C
Surface of housing	≤ 1.8 μm	≤ 10 μm	< 60	4.0
Sides of housing	≤ 3.0 μm	≤ 16 μm	60-120	5.0
			120-180	6.5
			180-250	7.5
			250-320	10.0

Compact Seal

(Metric Size)

Bore Dia.	Groove Dimensions			Reference	Reference	Bore Dia.	Groove Dimensions			Reference	Reference
D	d	L1	L2			D	d	L1	L2		
25.0	15.0	12.00	4.00	H780 025-015	5003710	90.0	70.0	22.40	6.35	H780 090-070	5000510
25.0	16.0	13.50	2.10	H780 025-016	5003810	90.0	76.0	22.50	5.20	H780 090-076	5005310
30.0	21.0	13.50	2.10	H780 030-021	5003910	95.0	75.0	22.40	6.35	H780 095-075	5000610
32.0	22.0	15.50	2.60	H780 032-022	5001420	100.0	75.0	22.40	6.35	H780 100-075	5001710
32.0	22.0	16.40	6.35	H780 032-022/1	5001410	100.0	80.0	25.00	6.35	H780 100-080	5004710
35.0	25.0	15.50	2.60	H780 035-025	5001520	100.0	82.0	22.50	3.60	H780 100-082	5004510
35.0	25.0	16.40	6.35	H780 035-025/1	5001510	100.0	86.0	22.50	5.20	H780 100-086	5005410
40.0	24.0	18.40	6.35	H780 040-024	5001310	105.0	80.0	22.40	6.35	H780 105-080	5001810
40.0	30.0	16.40	6.35	H780 040-030	5004010	110.0	85.0	22.40	6.35	H780 110-085	5001910
45.0	29.0	18.40	6.35	H780 045-029	5000710	115.0	90.0	22.40	6.35	H780 115-090	5002010
45.0	31.0	15.50	2.60	H780 045-031	5004110	120.0	95.0	22.40	6.35	H780 120-095	5002110
45.0	35.0	16.40	6.35	H780 045-035	5001610	125.0	100.0	25.40	6.35	H780 125-100	5002310
50.0	34.0	18.40	6.35	H780 050-034	5000810	130.0	105.0	25.40	6.35	H780 130-105	5002420
50.0	34.0	20.50	3.10	H780 050-034/1	5000820	130.0	105.0	25.40	9.50	H780 130-105/1	5002410
50.0	38.0	20.50	4.20	H780 050-038	5004810	135.0	110.0	25.40	9.50	H780 135-110	5002510
55.0	39.0	18.40	6.35	H780 055-039	5000910	140.0	115.0	25.40	6.35	H780 140-115	5002220
55.0	39.0	20.50	3.10	H780 055-039/1	5000920	140.0	115.0	25.40	9.50	H780 140-115/1	5002210
60.0	44.0	18.40	6.35	H780 060-044	5001010	145.0	120.0	25.40	9.50	H780 145-120	5002610
60.0	44.0	20.50	3.10	H780 060-044/1	5001020	150.0	125.0	25.40	9.50	H780 150-125	5002710
60.0	48.0	20.50	4.20	H780 060-048	5004910	155.0	130.0	25.40	9.50	H780 155-130	5002810
63.0	47.0	18.40	6.35	H780 063-047	5001110	160.0	130.0	25.40	9.50	H780 160-130	5004610
63.0	47.0	19.40	6.35	H780 063-047/1	5001120	160.0	135.0	25.40	9.50	H780 160-135	5005610
63.0	47.0	20.50	3.10	H780 063-047	5001130	165.0	140.0	25.40	9.50	H780 165-140	5002910
63.0	51.0	20.50	4.20	H780 063-051	5005010	170.0	145.0	25.40	12.70	H780 170-145	5003010
65.0	49.0	20.50	3.10	H780 065-049	5005510	175.0	150.0	25.40	12.70	H780 175-150	5003110
65.0	50.0	18.40	6.35	H780 065-050	5001210	180.0	155.0	25.40	12.70	H780 180-155	5003210
70.0	50.0	22.40	6.35	H780 070-050	5000210	185.0	160.0	25.40	12.70	H780 185-160	5003310
70.0	54.0	20.50	3.10	H780 070-054	5004210	190.0	165.0	25.40	12.70	H780 190-165	5003410
70.0	58.0	20.50	4.20	H780 070-058	5005110	195.0	170.0	25.40	12.70	H780 195-170	5003510
75.0	55.0	22.40	6.35	H780 075-055	5000310	200.0	175.0	25.40	12.70	H780 200-175	5003610
75.0	59.0	20.50	3.10	H780 075-059	5004310						
80.0	60.0	22.40	6.35	H780 080-060	5000110						
80.0	62.0	22.50	3.60	H780 080-062	5004410						
80.0	66.0	22.50	5.20	H780 080-066	5005210						
85.0	65.0	22.40	6.35	H780 085-065	5000410						

* For order processing, the computer code will be
e.g. CS 025-015-12/4 H780