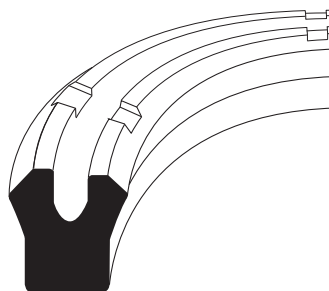


Piston Seals (Single Acting)

GPY

(Metric Size)

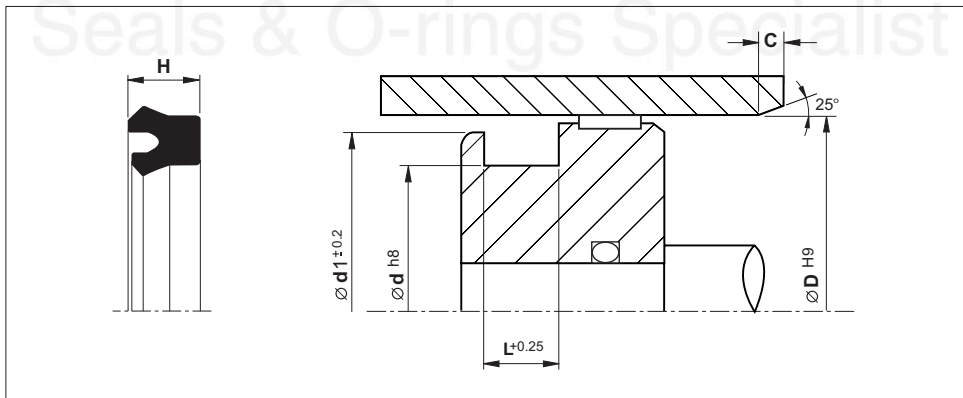


GPY

Material	Pressure (Bar)	Temp. (°c)	Speed (m/s)
NBR	175 (250)	-30 +100	1 (0.5)

- High wear resistance.
- Radial force resistance.
- Free from damages by back pressure.

Installation Recommendation



Surface roughness	Ra	Rt	Chamfers	
Sliding surface	≤ 0.3 μm	≤ 4 μm	D	C
Surface of housing	≤ 1.8 μm	≤ 10 μm	32-63	4.0
Sides of housing	≤ 3.0 μm	≤ 16 μm	63-100	5.0
			100-140	6.0
			140-250	7.0

Rubber U-Cup - GPY

(Metric Size)

Bore Dia.	Groove Dia.	Seal Height	Groove Width.		Fitting Dia.	Reference (For order processing)
D	d	H	L	L1*	d1	
32.0	22.0	6.2	7.0	9.0	31.0	GPY-032
40.0	30.0	6.2	7.0	9.0	39.0	GPY-040
45.0	35.0	6.2	7.0	9.0	44.0	GPY-045
50.0	40.0	6.2	7.0	9.0	49.0	GPY-050
55.0	45.0	6.2	7.0	9.0	54.0	GPY-055
60.0	50.0	6.2	7.0	9.0	59.0	GPY-060
63.0	53.0	6.2	7.0	9.0	62.0	GPY-063
65.0	52.0	7.7	8.5	11.0	63.5	GPY-065
70.0	57.0	7.7	8.5	11.0	68.5	GPY-070
75.0	62.0	7.7	8.5	11.0	73.5	GPY-075
80.0	65.0	9.2	10.0	12.5	78.5	GPY-080
85.0	70.0	9.2	10.0	12.5	83.5	GPY-085
90.0	75.0	9.2	10.0	12.5	88.5	GPY-090
100.0	80.0	12.0	13.0	16.0	98.0	GPY-100
110.0	90.0	12.0	13.0	16.0	108.0	GPY-110
120.0	100.0	12.0	13.0	16.0	118.0	GPY-120
125.0	105.0	12.0	13.0	16.0	123.0	GPY-125
130.0	110.0	12.0	13.0	16.0	128.0	GPY-130
140.0	120.0	12.0	13.0	16.0	138.0	GPY-140
150.0	125.0	16.0	17.0	20.0	148.0	GPY-150
160.0	135.0	16.0	17.0	20.0	158.0	GPY-160
180.0	155.0	16.0	17.0	20.0	178.0	GPY-180
200.0	175.0	16.0	17.0	20.0	198.0	GPY-200
250.0	225.0	16.0	17.0	20.0	248.0	GPY-250

* L1 Groove for GPY used with 1 back up ring can stand pressure up to 250 Bar