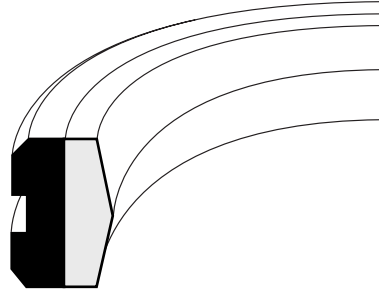


Piston Seals (Double Acting)

PSU

(Inch Size)

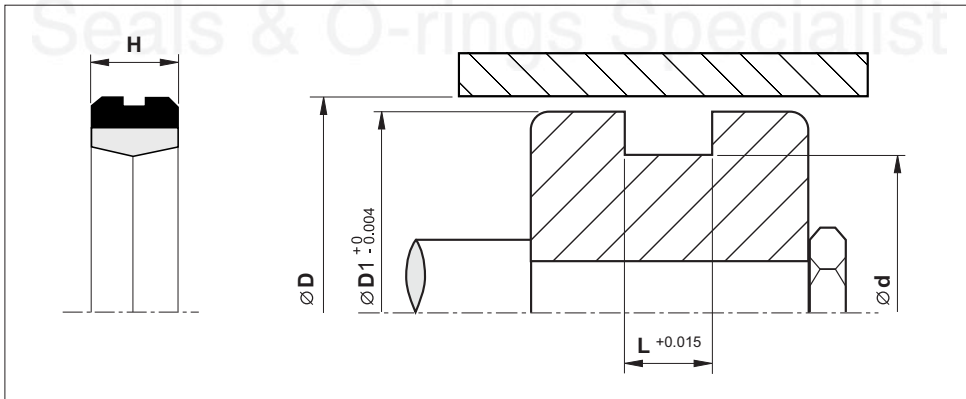


PSU

Material	Pressure (Bar)	Temp. (°c)	Speed (m/s)
PU Composite	350	- 50 +105	0.5

- One piece double acting seal made of cast polyurethane.
- Highly resistant to abrasion.
- Low friction

Installation Recommendation



Surface roughness

$\mu\text{in CLA}$

Sliding surface
Surface of housing
Sides of housing

4 to 16
63 max
125 max

Piston Seal - PSU



(Inch Size)

Bore Dia.	Groove Dia.	Piston Dia.	Groove Width	Seal step Height	Reference (For order processing)
D	d	D1	L	H	
1.500	1.000	1.499	0.394	0.375	PSU-1.500-1.000-0.375
1.500	1.125	1.499	0.263	0.250	PSU-1.500-1.125-0.250
1.500	1.250	1.499	0.196	0.187	PSU-1.500-1.250-0.187
1.750	1.250	1.749	0.394	0.375	PSU-1.750-1.250-0.375
1.750	1.375	1.749	0.263	0.250	PSU-1.750-1.375-0.250
1.750	1.375	1.749	0.526	0.500	PSU-1.750-1.375-0.500
2.000	1.500	1.999	0.394	0.375	PSU-2.000-1.500-0.375
2.000	1.625	1.999	0.328	0.312	PSU-2.000-1.625-0.312
2.000	1.625	1.999	0.394	0.375	PSU-2.000-1.625-0.375
2.250	1.875	2.249	0.328	0.312	PSU-2.250-1.875-0.312
2.500	2.000	2.499	0.394	0.375	PSU-2.500-2.000-0.375
2.500	2.125	2.499	0.328	0.312	PSU-2.500-2.125-0.312
2.500	2.125	2.499	0.394	0.375	PSU-2.500-2.125-0.375
3.000	2.500	2.999	0.394	0.375	PSU-3.000-2.500-0.375
3.000	2.500	2.999	0.550	0.500	PSU-3.000-2.500-0.500
3.000	2.625	2.999	0.328	0.312	PSU-3.000-2.625-0.312
3.000	2.625	2.999	0.394	0.375	PSU-3.000-2.625-0.375
3.250	2.750	3.249	0.577	0.550	PSU-3.250-2.750-0.550
3.250	2.875	3.249	0.328	0.312	PSU-3.250-2.875-0.312
3.500	3.000	3.499	0.394	0.375	PSU-3.500-3.000-0.375
3.500	3.125	3.499	0.328	0.312	PSU-3.500-3.125-0.312
3.500	3.125	3.499	0.394	0.375	PSU-3.500-3.125-0.375
3.750	3.375	3.749	0.328	0.312	PSU-3.750-3.375-0.312
4.000	3.500	3.999	0.394	0.375	PSU-4.000-3.500-0.375
4.000	3.625	3.999	0.394	0.375	PSU-4.000-3.625-0.375
4.500	4.000	4.499	0.394	0.375	PSU-4.500-4.000-0.375
4.500	4.000	4.499	0.591	0.562	PSU-4.500-4.000-0.562
5.000	4.375	4.999	0.526	0.500	PSU-5.000-4.375-0.500
5.000	4.500	4.999	0.394	0.375	PSU-5.000-4.500-0.375
5.000	4.500	4.999	0.526	0.500	PSU-5.000-4.500-0.500
5.000	4.500	4.999	0.591	0.562	PSU-5.000-4.500-0.562
5.250	4.750	5.249	0.591	0.562	PSU-5.250-4.750-0.562
5.500	5.000	5.499	0.394	0.375	PSU-5.500-5.000-0.375
6.000	5.500	5.999	0.394	0.375	PSU-6.000-5.500-0.375
6.000	5.500	5.999	0.591	0.562	PSU-6.000-5.500-0.562
6.500	6.000	6.499	0.591	0.562	PSU-6.500-6.000-0.562

NOTE : Larger sizes are available. Please contact a Sales Representative for more information.