

Split Seal (Dry Running) For Top Entry Agitators, Vessels and Mixers

Split Seal Series LPH 5050

Standard Style

Face Materials:

Carbon / Silicon Carbide

Carbon / Ceramic

Metal Parts:

SS 316, SS 304

Secondary Seal:

Elastomers

Applications:

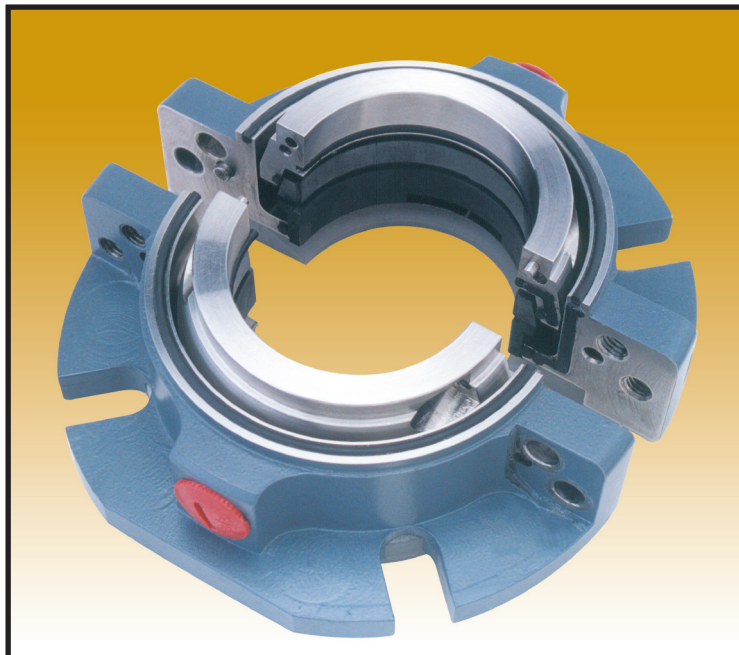
- Utility Pumps
- Transfer Pumps
- Agitator and Vessels (As Dry Running Seal)

Seal Characteristics:

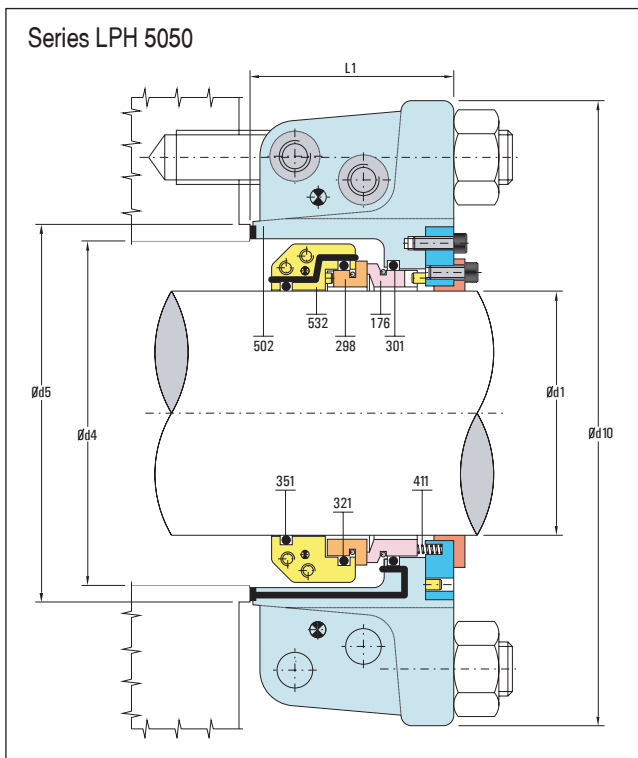
- Fully Split Components
- Ease of Installation
- Balanced Seal Faces

Operating Limits:

Shaft diameter : 50....200 mm
Pressure : 15 bar (max)
Temperature : Amb.... 140° C
Shaft speed : 3600 rpm (max)

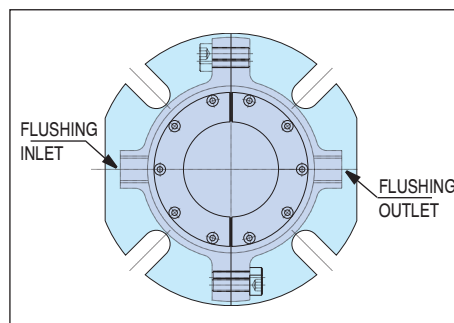


Series LPH 5050 is a unique design with minimum components for assembling the seal and allow user to install the seal in minimum time. The multi spring design keep the faces uniformly in contact. The split seal face is balanced covered with split O-Ring as a sealing member. Slots provided in the housing facilitates fitting the seal on various equipments with different PCDs.



Part No. Description

- 176 Seal Ring
- 298 Mating Ring
- 301 O - Ring
- 321 O - Ring
- 351 O - Ring
- 411 Spring
- 502 Gland
- 532 Mating Ring Housing



SEAL SIZE $d1^{+0.00/-0.05}$		d4 Min.	d4 Max.	d5 Min.	d10 ^{±1.0}	L1 ^{±0.5}
Inch	mm					
2.000	50.80	69.8	76.2	84.0	140.0	50.8
2.125	53.97	73.0	79.5	92.0	152.0	55.0
2.250	57.15	76.2	92.0	100.0	165.0	57.0
2.375	60.32	79.5	95.0	105.0	165.0	57.0
2.500	63.50	81.0	96.0	101.6	165.0	57.0
2.750	69.85	92.0	100.0	120.6	182.0	61.0
3.000	76.20	100.0	106.0	112.0	195.0	63.5
3.250	82.55	110.0	122.0	131.0	195.0	63.5
3.500	88.90	114.3	126.0	138.0	216.0	63.5
3.750	95.25	120.6	130.0	140.0	228.0	63.5
4.000	101.60	127.0	140.0	152.4	228.0	63.5
4.250	107.95	133.3	145.0	154.0	228.0	63.5
4.500	114.30	138.0	152.0	165.0	242.0	63.5
4.750	120.65	143.0	156.0	170.0	242.0	63.5
5.000	127.00	151.0	168.0	184.0	270.0	63.5
5.500	139.70	165.0	182.0	203.2	292.0	71.5
6.000	152.40	180.0	200.0	216.0	298.0	71.5
6.500	165.10	190.0	212.0	226.0	304.0	71.5
7.000	177.80	210.0	226.0	240.0	316.0	71.5
7.250	184.15	210.0	230.0	244.0	316.0	71.5
8.000	203.20	240.0	262.0	285.0	345.0	82.0