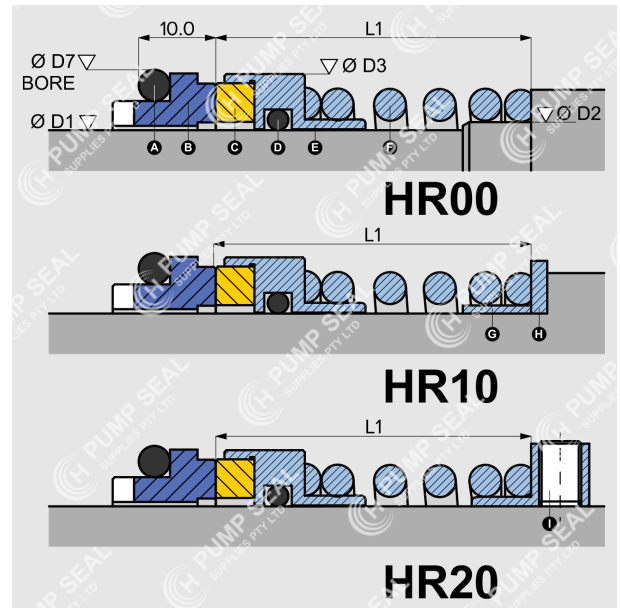


# HR00 / R10 / R20

## 'FLEXIBOX - R SERIES' SPECIFICATION SHEET



- ▶ Parallel spring
- ▶ O-ring pusher
- ▶ Dependant on direction of rotation
- ▶ Marine applications

The HR series replaces the Flexibox R Series. It features a heavy-duty, positive driving spring that is dependant on the direction of rotation. There are different driving options:

**HR00** is designed to drive directly from a stepped shaft.

Where no shaft step is present:

**HR10** uses a split sleeve coil tail

**HR20** uses a set-screwed collar.

Spring direction is denoted by an R / L at the end of the code, i.e. HR00R.

▶ **Material Options**

Rotary Head: 304S.S.  
 Stellite (Oxide Coating) 304S.S.  
 SiC inserted  
 TC inserted  
 Stationary: SiC inserted, CAB  
 Elastomer: N, V or EP  
 Metal Parts: Stainless Steel

**PARTS**

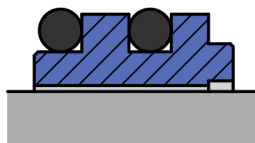
- A O-ring
- B Seat (seal-specific)
- C Rotary Face Insert
- D O-ring
- E Rotary Housing
- F Spring
- G Split Sleeve (HR10)
- H Washer
- I Drive Collar (HR20)

**EQUIVALENT**

Type R  
 R00, R10, R20  
 P08U  
 US1, US2, US3

**ALTERNATIVE SEAT**

Double o-ring mounted seat (P080U)



**DIMENSIONS**

D1	D1	D3	D2	D7	L1
0.625"			0.750"	19.05	28.57
0.750"			0.875"	22.22	31.75
0.875"	22mm	34.8	1.000"	25.40	34.93
1.000"	25mm	39.6	1.125"	28.57	39.85
1.125"	28mm	42.8	1.250"	31.75	43.05
1.250"	32mm	45.9	1.375"	34.92	46.32
1.375"	35mm	49.1	1.500"	38.10	49.48
1.4375"					
1.500"	38mm	52.3	1-11/16"	42.88	52.56
	40mm	53.8	1.750"	44.45	54.25
1.625"	42mm	55.5	1-13/16"	46.02	55.83
1.750"	45mm	58.6	1-15/16"	49.20	59.02
1.875"	48mm	53.4	2-1/16"	52.37	63.68
	50mm	65.0	2.125"	53.97	65.37
2.000"		66.6	2-3/16"	55.57	66.85
2.125"	55mm	69.9	2-5/16"	58.72	70.03
2.250"	58mm	73.0	2-7/16"	61.90	73.20
2.375"	60mm	76.0	2-9/16"	65.07	76.38
2.500"		79.3	2-11/16"	68.28	79.56
	65mm	80.0	2.750"	69.85	81.23
2.625"		82.6	2-13/16"	71.42	82.73
2.750"	70mm	85.7	2-15/16"	74.60	85.90
2.875"		90.0	3-1/16"	77.77	89.08
	75mm	90.5	3.125"	79.37	90.77
3.000"		95.3	3-3/16"	80.97	95.43
	80mm		3.375"	85.73	100.29
3.250"			3-7/16"	87.30	101.78
3.500"			3-11/16"	93.67	108.13
	90mm		3.750"	95.25	109.82
	100mm		4.125"	104.77	119.33
4.000"			4.250"	107.95	124.00
					72.5