

Category

- Rotary Shaft Seal, High Pressure

Construction

- Mild steel case encased in NBR with spring loaded NBR sealing lip

Housing

- Open rectangular groove
- Circlip and steel retainer are required in some applications

Comments

- DLHP seals are typically used in hydraulic pumps and motors to seal the main input or output shaft
- The short spring loaded sealing lip is specifically optimised for this type of application

Size Range

- Metric and imperial
- Please check with Transeals for sizes not listed here, this range is added to regularly

Options

- Viton seals are available in some sizes for applications with higher temperatures

Metric Specifications

Maximum Pressure (bar) vs Shaft Speed (rpm)

Ød	Shaft RPM			
	500	1000	1500	2000
20	10.0	6.5	4.0	3.0
40	8.0	4.2	2.8	2.1
80	5.0	2.7	1.8	1.2

Maximum Temperature	90°C
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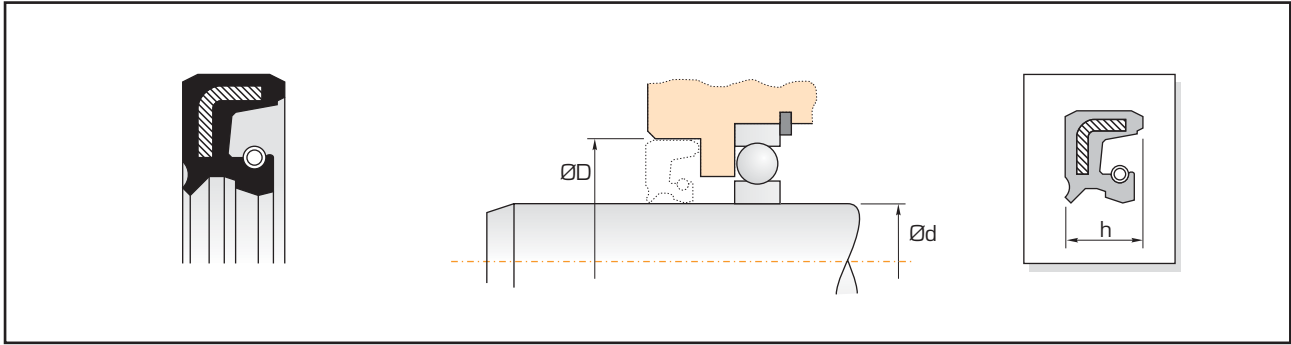
Imperial Specifications

Maximum Pressure (psi) vs Shaft Speed (rpm)

Ød	Shaft RPM			
	500	1000	1500	2000
3/4"	145	90	60	45
1.1/2"	110	60	40	30
3"	70	40	25	15

Maximum Temperature	190°F
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OM/DLHP & OI/DLHP



Metric Sizes

Part No.	Ød	ØD	h
OM816-6-DLHP	8.00	16.00	6.00
OM920-6-DLHP	9.00	20.00	6.00
OM1019-6-DLHP	10.00	19.00	6.00
OM1020-6-DLHP	10.00	20.00	6.00
OM1022-6-DLHP	10.00	22.00	6.00
OM1026-7-DLHP	10.00	26.00	7.00
OM1122-7-DLHP	11.00	22.00	7.00
OM1222-6-DLHP	12.00	22.00	6.00
OM1224-7-DLHP	12.00	24.00	7.00
OM1428-7-DLHP	14.00	28.00	7.00
OM1524-7-DLHP	15.00	24.00	7.00
OM1525-7-DLHP	15.00	25.00	7.00
OM1535-6-DLHP	15.00	35.00	6.00
OM1628-7-DLHP	16.00	28.00	7.00
OM1728-7-DLHP	17.00	28.00	7.00
OM1730-6-DLHP	17.00	30.00	6.00
OM1735-7-DLHP	17.00	35.00	7.00
OM1828-7-DLHP	18.00	28.00	7.00
OM1830-7-DLHP	18.00	30.00	7.00
OM2030-7-DLHP	20.00	30.00	7.00
OM2035-6-DLHP	20.00	35.00	6.00
OM2133-8-DLHP	21.00	33.00	8.00
OM2231-6.5-DLHP	22.00	31.00	6.50
OM2232-7-DLHP	22.00	32.00	7.00
OM2235-7-DLHP	22.00	35.00	7.00
OM2433-5-DLHP	24.00	33.00	5.00
OM2436-6-DLHP	24.00	36.00	6.00
OM2440-7-DLHP	24.00	40.00	7.00
OM2443-5-DLHP	24.00	43.00	5.00
OM2535-6-DLHP	25.00	35.00	6.00
OM2540-7-DLHP	25.00	40.00	7.00
OM2542-6-DLHP	25.00	42.00	6.00
OM2543-8-DLHP	25.00	43.00	8.00
OM2545-11-DLHP	25.00	45.00	11.00
OM2547-8-DLHP	25.00	47.00	8.00
OM2562-8-DLHP	25.00	62.00	8.00

Metric Sizes (cont'd)

Part No.	Ød	ØD	h
OM2635-7-DLHP	26.00	35.00	7.00
OM2637-7-DLHP	26.00	37.00	7.00
OM2647-7-DLHP	26.00	47.00	7.00
OM2742-7-DLHP	27.00	42.00	7.00
OM2840-7-DLHP	28.00	40.00	7.00
OM2850-6-DLHP	28.00	50.00	6.00
OM3040-7-DLHP	30.00	40.00	7.00
OM3042-6-DLHP	30.00	42.00	6.00
OM3042-7-DLHP	30.00	42.00	7.00
OM3043-8-DLHP	30.00	43.00	8.00
OM3045-7-DLHP	30.00	45.00	7.00
OM3047-7-DLHP	30.00	47.00	7.00
OM3050-7-DLHP	30.00	50.00	7.00
OM3052-7-DLHP	30.00	52.00	7.00
OM3244-8-DLHP	32.00	44.00	8.00
OM3245-7-DLHP	32.00	45.00	7.00
OM3247-7-DLHP	32.00	47.00	7.00
OM3250-7-DLHP	32.00	50.00	7.00
OM3547-7-DLHP	35.00	47.00	7.00
OM3550-7-DLHP	35.00	50.00	7.00
OM3552-6-DLHP	35.00	52.00	6.00
OM3558-8-DLHP	35.00	58.00	8.00
OM3562-7-DLHP	35.00	62.00	7.00
OM3850-6-DLHP	38.00	50.00	6.00
OM3862-7-DLHP	38.00	62.00	7.00
OM4052-7-DLHP	40.00	52.00	7.00
OM4055-6-DLHP	40.00	55.00	6.00
OM4056-6-DLHP	40.00	56.00	6.00
OM4060-7-DLHP	40.00	60.00	7.00
OM4062-6-DLHP	40.00	62.00	6.00
OM4262-6-DLHP	42.00	62.00	6.00
OM4558-6-DLHP	45.00	58.00	6.00
OM4560-7-DLHP	45.00	60.00	7.00
OM4562-7-DLHP	45.00	62.00	7.00
OM4565-7-DLHP	45.00	65.00	7.00
OM4762-7-DLHP	47.00	62.00	7.00

Metric Sizes (cont'd)

Part No.	Ød	ØD	h
OM5065-8-DLHP	50.00	65.00	8.00
OM5072-7-DLHP	50.00	72.00	7.00
OM5265-9-DLHP	52.00	65.00	9.00
OM5570-7-DLHP	55.00	70.00	7.00
OM5572-7-DLHP	55.00	72.00	7.00
OM5670-9-DLHP	56.00	70.00	9.00
OM6080-7-DLHP	60.00	80.00	7.00
OM6085-7-DLHP	60.00	85.00	7.00
OM6090-7-DLHP	60.00	90.00	7.00
OM6285-7-DLHP	62.00	85.00	7.00
OM6580-7-DLHP	65.00	80.00	7.00
OM6585-8-DLHP	65.00	85.00	8.00
OM6590-10-DLHP	65.00	90.00	10.00
OM7090-7-DLHP	70.00	90.00	7.00
OM7590-10-DLHP	75.00	90.00	10.00
OM7595-10-DLHP	75.00	95.00	10.00
OM80100-7-DLHP	80.00	100.00	7.00
OM85105-12-DLHP	85.00	105.00	12.00
OM90110-12-DLHP	90.00	110.00	12.00
OM90125-12-DLHP	90.00	125.00	12.00
OM95120-12-DLHP	95.00	120.00	12.00

Imperial Sizes

Part No.	Ød	ØD	h
OI037075-025-DLHP	0.375	0.750	0.250
OI068112-025-DLHP	0.687	1.125	0.250
OI087125-025-DLHP	0.875	1.250	0.250
OI100175-018-DLHP	1.000	1.750	0.187
OI137250-050-DLHP	1.375	2.500	0.500
OI143200-031-DLHP	1.437	2.000	0.312
OI162237-037-DLHP	1.625	2.375	0.375

