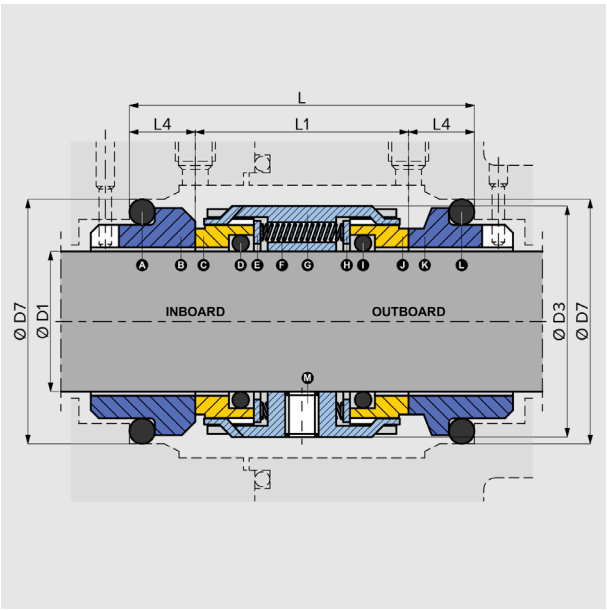
H74UD

'M74-D'
SPECIFICATION SHEET





- **O-ring, Multi-Spring Pusher**
- **To DIN EN 12756 Standards**
- **Double Seal (Back-To-Back)**
- **Unbalanced**
- **Bi-directional**

H74UD is a DIN EN 12756 compliant mechanical seal for metric shafts (apart from fitting length). It is based on the industry standard "M74-D" design. The multi-springs ensure even face pressure, minimising face wear whilst also compensating for any shaft misalignment.

The design incorporates the same easily interchangeable seal face features as the H7U and H7B.

Operating conditions[1]

Temperature:	-50°C to +220°C
Pressure:	< 16 bar, 230 psi, 1.6 MPa
Speed:	< 20m/s, 4000 fpm
	rpm < 1200000/(3.14 x D1)

Material Options

Inboard:	SiC/SiC
Outboard:	SiC/CAB or SiC/SiC
Elastomer:	N, V or EP
Metal Parts:	304S.S.

PARTS

A Inb. Stationary O-ring
B Inb. Stationary Face
C Inb. Rotary Face / Ring
D Inb. Rotary O-ring
E Inb. Rotary Thrust Ring
F Rotary Multi-Springs
G Rotary Holder
H Outb. Rotary Thrust Ring
I Outb. Rotary O-ring
J Outb. Rotary Face / Ring
K Outb. Stationary Face
L Outb. Stationary O-ring
M Rotary Set Screws
optional:
"D22" spring-loaded pin

SEAT OPTIONS

G9	standard - SiC
G14	outboard - CAB
G4	Euro - SiC
G13	Euro - CAB
G6	DIN EN Short
G49	special - SiC

EQUIVALENT

M74-D
M010D
RB678

DIMENSIONS

D1 = Shaft Size
L1 = Rotary W.L.
D7 = Seat Cavity
L4 = Seat Height
D3 = Rotary OD
L = Overall W.L.

D1	D3	D7	L4	L1	L
18mm	33.0	33.0	11.5	38.0	61.0
20mm	35.0	35.0	11.5	38.0	61.0
22mm	37.0	37.0	11.5	38.0	61.0
24mm	39.0	39.0	11.5	38.0	61.0
25mm	40.0	40.0	11.5	38.0	61.0
28mm	43.0	43.0	11.5	39.0	62.0
30mm	45.0	45.0	11.5	39.0	62.0
32mm	47.0	48.0	11.5	39.0	62.0
33mm	48.0	48.0	11.5	39.0	62.0
35mm	50.0	50.0	11.5	39.0	62.0
38mm	55.0	56.0	14.0	41.0	69.0
40mm	57.0	58.0	14.0	42.0	70.0
43mm	60.0	61.0	14.0	42.0	70.0
45mm	62.0	63.0	14.0	42.0	70.0
48mm	65.0	66.0	14.0	42.0	70.0
50mm	67.0	70.0	15.0	43.0	73.0
53mm	70.0	73.0	15.0	43.0	73.0
55mm	72.0	75.0	15.0	43.0	73.0
58mm	79.0	78.0	15.0	56.0	86.0
60mm	81.0	80.0	15.0	56.0	86.0
63mm	84.0	83.0	15.0	55.0	85.0
65mm	86.0	85.0	15.0	55.0	85.0
68mm	89.0	90.0	18.0	55.0	91.0
70mm	91.0	92.0	18.0	56.0	92.0
75mm	99.0	97.0	18.0	56.0	92.0
80mm	104.0	105.0	18.2	56.0	92.5
85mm	109.0	110.0	18.2	56.0	92.5
90mm	114.0	115.0	18.2	56.0	92.5
95mm	119.0	120.0	17.2	56.0	90.5
100mm	124.0	125.0	17.2	56.0	90.5

[1] Guide-values only (due to diversity of possible applications). Enquire for specific-use cases. Maximum values of each parameter cannot be applied together.

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