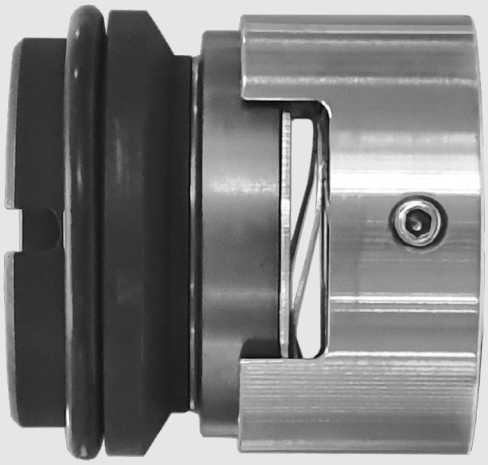
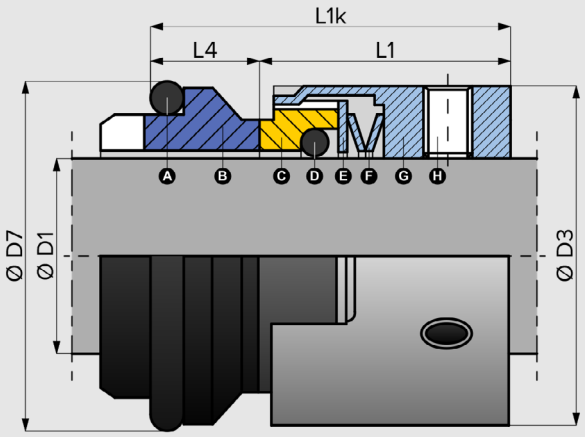
H7U

'M7N'
SPECIFICATION SHEET





- **O-ring, Wave-Spring Pusher**
- **To DIN EN 12756 Standards**
- **Unbalanced**
- **Bi-directional**

H7U is a DIN EN 12756 compliant mechanical seal for metric shafts, based on the industry standard "M7N" design. It is unbalanced to suit straight shafts. It is o-ring mounted and relies on a one-piece, sinuous wave-spring that offers greater axial movement tolerance while reducing the risk of clogging.

The design allows the rotating seal face to be easily replaced or interchanged.

Operating conditions[1]

Temperature:	-30°C to +260°C
Pressure:	< 17 bar, 245 psi, 1.7 MPa
Speed:	< 20m/s, 4000 fpm
	rpm < 1200000/(3.14 x D1)

Material Options

Rotary Face:	SiC
Stationary Face:	SiC, CAB or A1
Elastomer:	N, V or EP
Metal Parts:	304S.S.

PARTS

A Stationary O-ring
B Stationary Face / Ring
C Rotary Face / Ring
D Rotary O-ring
E Rotary Thrust Ring
F Rotary Wave-Spring
G Rotary Holder
H Rotary Set Screws

SEAT OPTIONS

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

EQUIVALENT

M7N
167 / P167
W07DMU
Type 1677 / 1677M
RB670

DIMENSIONS

D1 = Shaft Size
L1 = Rotary W.L.
D7 = Seat Cavity
L4 = Seat Height
D3 = Rotary OD
L1k = DIN L1k norm.

D1	D3	D7	L4	L1	L1k
14mm	25.0	25.0	10.0	25.0	35.0
16mm	27.0	27.0	10.0	25.0	35.0
18mm	33.0	33.0	11.5	26.0	37.5
20mm	35.0	35.0	11.5	26.0	37.5
22mm	37.0	37.0	11.5	26.0	37.5
24mm	39.0	39.0	11.5	28.5	40.0
25mm	40.0	40.0	11.5	28.5	40.0
28mm	43.0	43.0	11.5	31.0	42.5
30mm	45.0	45.0	11.5	31.0	42.5
32mm	47.0	48.0	11.5	31.0	42.5
33mm	48.0	48.0	11.5	31.0	42.5
35mm	50.0	50.0	11.5	31.0	42.5
38mm	55.0	56.0	14.0	31.0	45.0
40mm	57.0	58.0	14.0	31.0	45.0
43mm	60.0	61.0	14.0	31.0	45.0
45mm	62.0	63.0	14.0	31.0	45.0
48mm	65.0	66.0	14.0	31.0	45.0
50mm	67.0	70.0	15.0	32.5	47.5
53mm	70.0	73.0	15.0	32.5	47.5
55mm	72.0	75.0	15.0	32.5	47.5
58mm	79.0	78.0	15.0	37.5	52.5
60mm	81.0	80.0	15.0	37.5	52.5
63mm	84.0	83.0	15.0	37.5	52.5
65mm	86.0	85.0	15.0	37.5	52.5
68mm	89.0	90.0	18.0	34.5	52.5
70mm	91.0	92.0	18.0	42.0	60.0
75mm	99.0	97.0	18.0	42.0	60.0
80mm	104.0	105.0	18.2	41.8	60.0
85mm	109.0	110.0	18.2	41.8	60.0
90mm	114.0	115.0	18.2	46.8	65.0
95mm	119.0	120.0	17.2	47.8	65.0
100mm	124.0	125.0	17.2	47.8	65.0
105mm*	138.0	134.3	20.0	47.0	64.0
110mm*	143.0	140.3	20.0	47.0	67.0
115mm*	148.0	148.3	20.0	47.0	67.0
120mm*	153.0	150.3	20.0	47.0	67.0
125mm*	158.0	154.3	20.0	47.0	67.0
130mm*	163.0	158.3	20.0	47.0	67.0

* non-DIN EN 12756 size, only available with multi-springs (i.e. H74U)

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