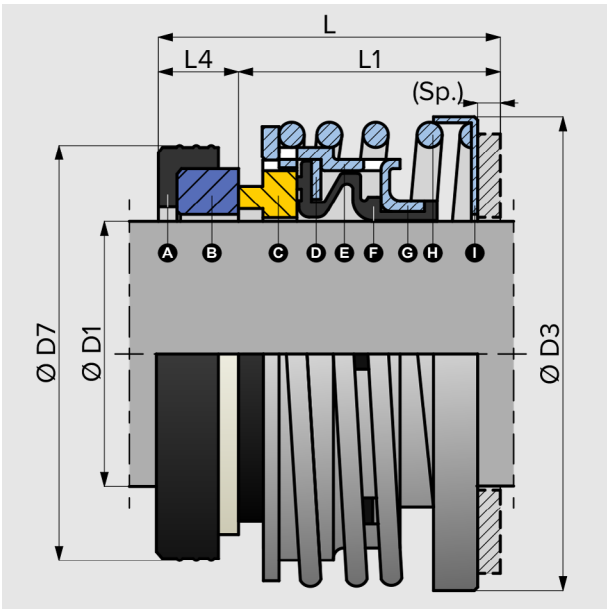
H2UK

'TYPE 2UK'
SPECIFICATION SHEET





- **Diaphragm w/ Drive Band**
- **To UK Imperial Dimensions**
- **Short Working Length**
- **Bi-directional**

H2UK is a mechanical seal for imperial shafts, based on the historical industry "Type 2UK" design. It uses the same components as H2US, but on certain sizes an additional spacer is needed to achieve the correct working length.

A rubber diaphragm is secured to the shaft with a drive band, which serves as both a secondary seal and positive torque transmission.

Mechanical compression on the spring is typically delivered by a shoulder in the shaft / sleeve or setting collar (available separately)

- **Operating conditions[1]**

Temperature: -40°C to +200°C
Pressure: < 12.5 bar, 180 psi, 1.2 MPa
Speed: < 18m/s, 3500 fpm
rpm < 1080000/(79.8 x D1)

- **Material Options**

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

PARTS

A Stationary Cup
B Stationary Face / Ring
C Rotary Face / Ring
D Rotary Disk
E Rotary Retainer
F Rotary Diaphragm
G Rotary Drive Band
H Spring
I Spring Cap

SEAT OPTIONS

N (G50) standard
W Euro o-ring

EQUIVALENT

Type 2UK
43 CE Short
P02U
MG920/d_1-G50
52
200 / P200
320
RB803

DIMENSIONS

D1 = Shaft Size D7 = Seat Cavity D3 = Rotary OD
L1 = Rotary W.L. L4 = Seat Height L = Overall W.L.
Sp. = additional spacer required using H2US rotary

D1	D3	D7	L4	L1	L	Sp.
0.375"	28.0	24.60	8.7	25.4	34.1	4.8
0.500"	30.1	27.80	8.7	25.4	34.1	4.8
0.625"	33.3	30.95	10.3	25.4	35.7	3.2
0.750"	36.5	34.15	10.3	25.4	35.7	3.2
0.875"	39.7	37.30	10.3	25.4	35.7	-
1.000"	45.5	40.50	10.3	25.4	35.7	-
1.125"	48.5	47.65	11.9	33.3	45.2	6.3
1.250"	52.4	50.80	11.9	33.3	45.2	6.3
1.375"	56.0	54.00	11.9	33.3	45.2	-
1.500"	59.2	57.15	11.9	33.3	45.2	-
1.625"	67.0	60.35	11.9	33.3	45.2	-
1.750"	69.9	63.50	11.9	40.4	52.3	5.5
1.875"	73.0	66.70	11.9	40.4	52.3	2.3
2.000"	76.2	69.85	13.5	40.4	53.9	2.3
2.125"	82.6	73.05	13.5	41.0	54.5	-
2.250"	85.7	76.20	13.5	41.0	54.5	-
2.375"	88.9	79.40	13.5	41.0	54.5	-
2.500"	92.1	82.55	13.5	41.0	54.5	-
2.625"	98.4	92.10	15.9	49.0	64.9	-
2.750"	101.6	95.25	15.9	49.0	64.9	-
2.875"	104.8	98.45	15.9	49.0	64.9	-
3.000"	108.0	101.60	15.9	49.0	64.9	-
3.125"	118.3	111.15	19.8	56.0	75.8	-
3.250"	121.5	114.30	19.8	56.0	75.8	-
3.375"	124.7	117.50	19.8	56.0	75.8	-
3.500"	127.9	120.65	19.8	56.0	75.8	-
3.625"	131.3	123.85	19.8	59.0	78.8	-
3.750"	134.5	127.00	19.8	59.0	78.8	-
3.875"	138.6	130.20	19.8	62.0	81.8	-
4.000"	141.8	133.35	19.8	62.0	81.8	-

[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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