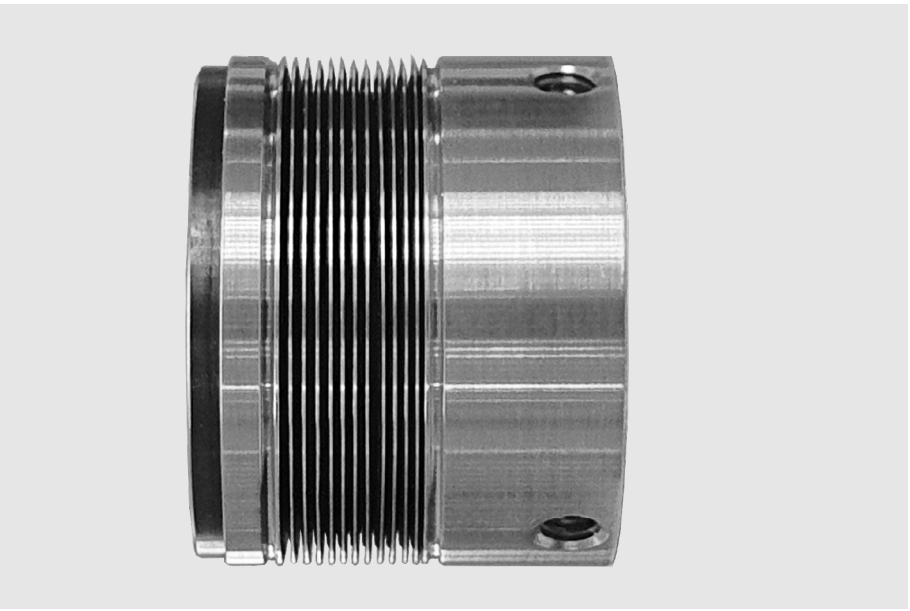
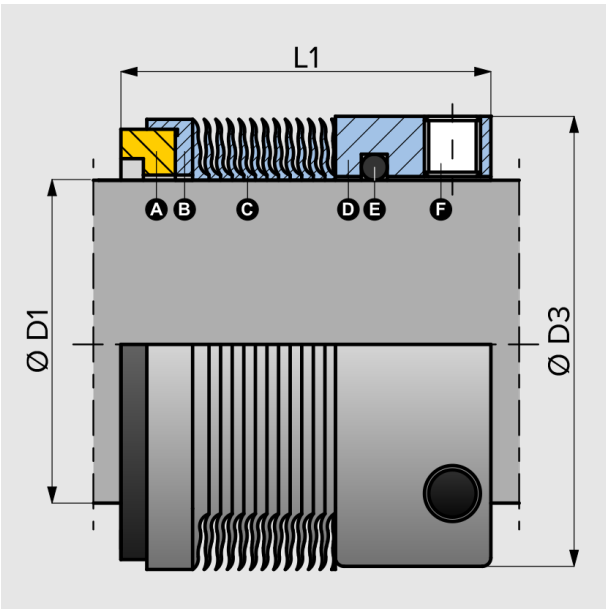
H670

'TYPE 670'
SPECIFICATION SHEET





- **Metal Bellows - Rotary Only**
- **Full Alloy C-276**
- **Imperial Sizes**
- **For Highly Corrosive Media**

H670 is an edge-welded metal bellows mechanical seal designed to provide resistance to extremely high corrosive applications.

It has similar design principles to H670 except all metallic components are of All-alloy C-276* construction.

- **Operating conditions[1]**

Temperature: -30°C to +260°C
Pressure: < 25 bar, 360 psi, 2.5 MPa
Speed: < 25m/s, 5000 fpm
rpm < 1500000/(79.8 x D1 inch)

- **Material Options**

Rotary Face:	A1 or S.SiC
Rotary Face Holder:	Alloy C-276
Metal Bellows:	Alloy C-276
Elastomer:	N, V, EP or ~
Shell:	Alloy C-276

PARTS

A Rotary Face / Ring
B Rotary Face Holder
C Rotary Metal Bellows
D Rotary Shell
E Rotary O-ring
F Rotary Set Screws

EQUIVALENT

T670
T676
886
MFL85N
BSAI

DIMENSIONS

D1 = Shaft Size D3 = Rotary OD L1 = Rotary W.L.

D1	D3	L1
0.750”	33.4	31.8
0.875”	36.5	31.8
1.000”	39.7	31.8
1.125”	42.8	31.8
1.250”	46.0	33.3
1.375”	49.2	36.5
1.4375"	52.37	30.53
1.500”	52.4	36.5
1.625”	55.5	36.5
1.750”	58.7	36.5
1.875”	61.9	38.1
2.000”	65.1	38.1
2.125”	68.2	38.1
2.250”	71.4	39.7
2.375”	74.6	39.7
2.500”	80.9	39.7
2.625”	84.1	41.3
2.750”	87.3	41.3
2.875”	92.1	42.8
3.000”	95.3	42.8
3.125”	98.4	44.5
3.250”	101.6	44.5
3.375”	104.8	44.5
3.500”	108.0	47.6
3.625”	111.1	47.6
3.750”	114.3	47.6
3.875”	117.5	47.6
4.000”	120.7	47.6

*is a wrought alloy with tungsten. Also referred to trade names: HASTELLOY® C-276, Inconel® C-276 and Inco Alloy C-276.

~special compounds available on request e.g. FFKM, PTFE Encap. & TFE. trade names: Kalrez®, Teflex®, Aflas® & others.

[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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