

TECHNICAL DATA

Sizes: 12 x 16, 14 x 18, 16 x 18, 18 x 24,
20 x 24, 22 x 26

Thickness: 1/16" (1.6mm)

Torque Values: 50% to 65% of Bolt
Yield Flange

Surface Finish: 10 to 400 μ in RMS (microinches)

Sealing elements width: 0.125" each side

Minimal sealing element web width: 0.375"

"M" and "Y" values: m = 2.85, Y = 2900 psi

Leak Rate: 0.005 icn mg/m · s (DIN 28090 / 1.2) <
10ppm @ He

Temperature Range: -200°C cryogenic air
+500°C in regular atmosphere +650°C in steam
+1000°C reducing or inert media

Pressure Range: Full vacuum to +5000 psi

Minimum Seating Stress: 2900 psi
(20 MPa)

Maximum Seating Stress: 23,200 psi
(160 MPa) (testing equipment limit)

Recommended Seating Stress: 5800
to 8700 psi (40 to 60 MPa)

Standards Available: ANSI 16.5, DIN 2600
& JIS B2220.



METAL CARRIER OPTIONS

Carbon Steel
MONEL[®]
INCONEL[®]
Copper
AL6XN[®] (Stainless Steel)
304 Stainless Steel
316 Stainless Steel
321 Stainless Steel
347 Stainless Steel
HASTELLOY[®]
Nickel
Titanium

SEALING ELEMENT OPTIONS

Flexible Graphite
PTFE
Fiberfrax
MICA

POWER TO THE FUTURE

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USA

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