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Differentially pumped rotary seals

4.03" ID x 6" OD differentially pumped rotary seal with worm drive

Part number: RS-400-W

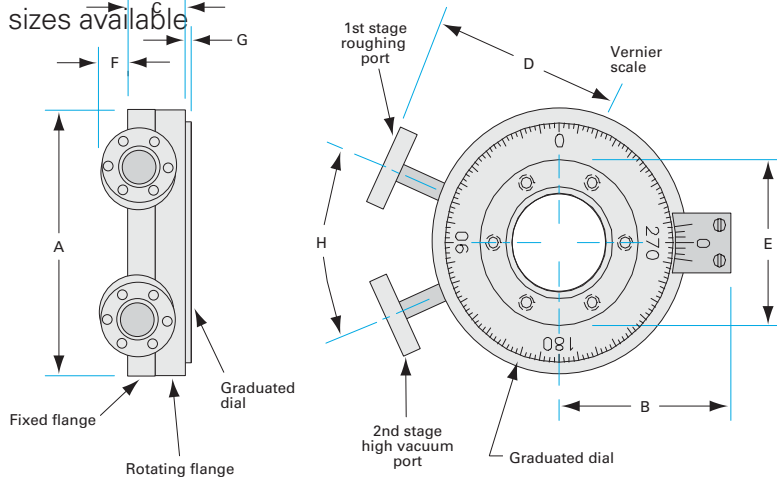
Differentially pumped rotary seals

4.03" ID x 6" OD differentially pumped rotary seal with worm drive

- CF Flanges, tapped holes, one rotational and one stationary
- 360° rotation, two stage, differentially pumped with 360° vernier scale
- Maximum bakeout temperature 150°C
- Vacuum Range > 10⁻¹¹ mbar (UHV)
- Standard scale 1.0°, mechanical counter 0.1°, micro stepped motor drive required for maximum resolution
- Options: Fine adjust worm drive "-W", digital counters, stepper motors and other sizes available



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| Dimensions (in inches) | |
|---------------------------|--------|
| Dim A | 8.50" |
| Dim B | 8.25" |
| Dim C | 1.68" |
| Dim D | 9.28" |
| Dim E | 6.02" |
| Dim F | 0.370" |
| Dim G | 0.540" |
| Dim H | 45° |

RS-400-W

| Parameters | Specifications |
|----------------------------------|---|
| Rotary Seal Type | Manual Rotary Actuation, Worm Drive |
| Base Flange / Traveling Flange | DN 100 CF (6" OD) |
| Nominal ID | 4" |
| Orientation | Any |
| Max Load (vertical / horizontal) | 144 lbs / 66 lbs |
| Vacuum Range | 1 · 10 ⁻¹⁰ mbar to 1 bar (UHV) |
| Temperature Range | 20 °C to 150 °C |
| Flange Material | 304 Stainless |
| Roughing Ports | DN 16 CF (1.33" OD) |
| Weight | 32 lbs |

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