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Differentially pumped rotary seals

2.53" ID x 4.5" OD differentially pumped rotary seal with worm drive

Part number: RS-250-W

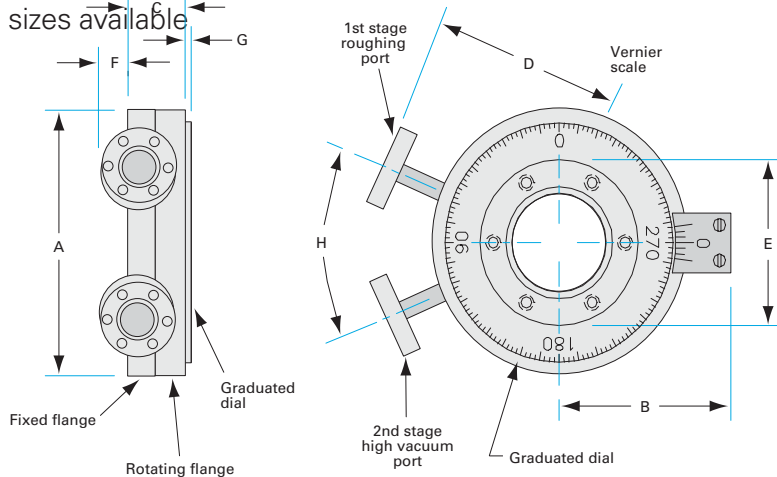
Differentially pumped rotary seals

2.53" ID x 4.5" 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	6.38"
Dim B	4.20"
Dim C	1.36"
Dim D	6.11"
Dim E	4.50"
Dim F	0.490"
Dim G	0.410"
Dim H	45°

RS-250-W

Parameters	Specifications
Rotary Seal Type	Manual Rotary Actuation, Worm Drive
Base Flange / Traveling Flange	DN 63 CF (4.5" OD)
Nominal ID	2-1/2"
Orientation	Any
Max Load (vertical / horizontal)	90 lbs / 38 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	22 lbs

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