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# Differentially pumped rotary seals

## 1.53" ID x 2.75" OD differentially pumped rotary seal with worm drive

**Part number: RS-150-W**

**Nor-Cal Products**



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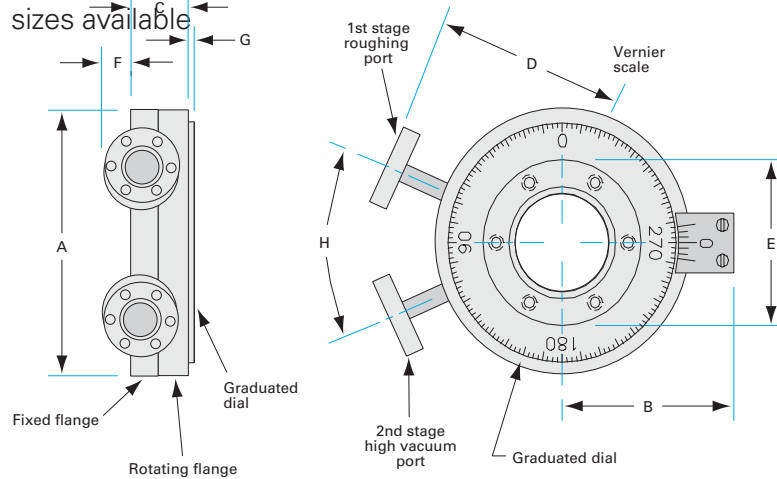
## Differentially pumped rotary seals

### 1.53" ID x 2.75" 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<sup>-11</sup> 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	5.13"
Dim B	3.38"
Dim C	1.00"
Dim D	4.95"
Dim E	2.75"
Dim F	0.490"
Dim G	0.370"
Dim H	60°

### RS-150-W

Parameters	Specifications
Rotary Seal Type	Manual Rotary Actuation, Worm Drive
Base Flange / Traveling Flange	DN 40 CF (2.75" OD)
Nominal ID	1-1/2"
Orientation	Any
Max Load (vertical / horizontal)	54 lbs / 30 lbs
Vacuum Range	1 · 10 <sup>-10</sup> 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	12 lbs

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