

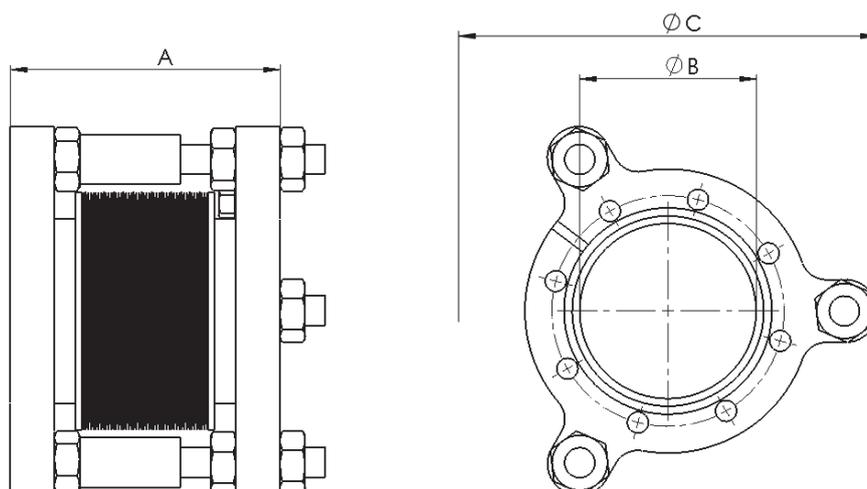
## Port Aligner



Photo Gallery of Port Aligners with different flanges

- Welded Bellows Seal with SS 316
- Any Orientation Mounting
- UHV Compatible Material
- Working Pressure:  $10^{-11}$  mbar to 1 bar
- +/- 2mm Axial Adjustment
- +/- 3° Angular Tilt
- Bakeable to 200°C
- Through Hole Flanges on Both Sides
- Standard CF Mounting Flange\*
- Life Time: 100,000 revolutions

\*Fermi Instruments also offer products with customized flanges and adjustments.



Dimensions of Port Aligners, details or 3D models on request

Flange (OD)		Axial Adjustments (mm)	Tilt Adjustments (°)	A	A	B	C	Weight (Kg)	Part Number
mm	inch			Extended	Compressed				
34	1.33	±2	±3	55	51	16	58	0.3	PA16
70	2.75			67	61	38	106	0.9	PA35
114	4.5			80	70	70	166	2.7	PA63

These Port Aligners enable the distance and angular relationship between two flanges to be adjusted. They are offered with three different but widely used CF standard flanges. Each type provides +/-2 mm axial length adjustment, with +/- 3° angular tilt.