



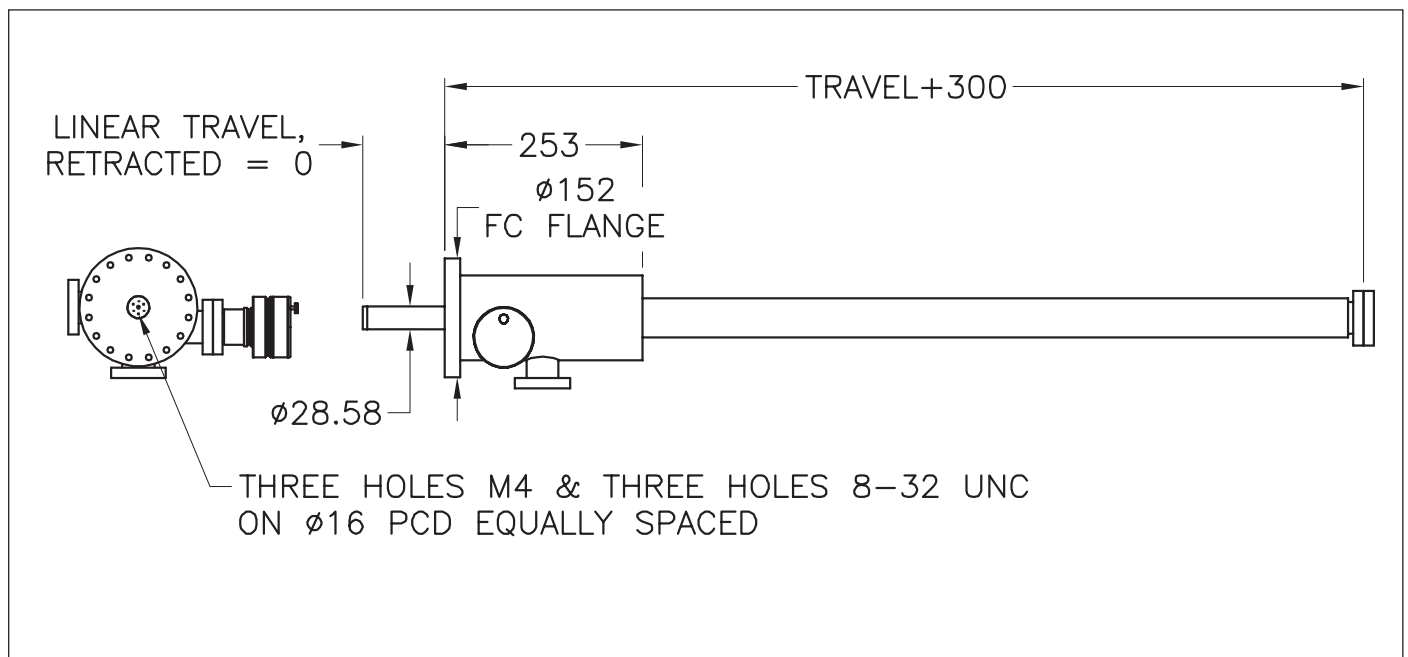
Linear Rack & Pinion Drives - LRP6 and RLRP6

The rack and pinion design provides an accurate means of linear travel with option of rotation. These devices provide magnet free sample transfer for applications requiring low magnetic permeability.



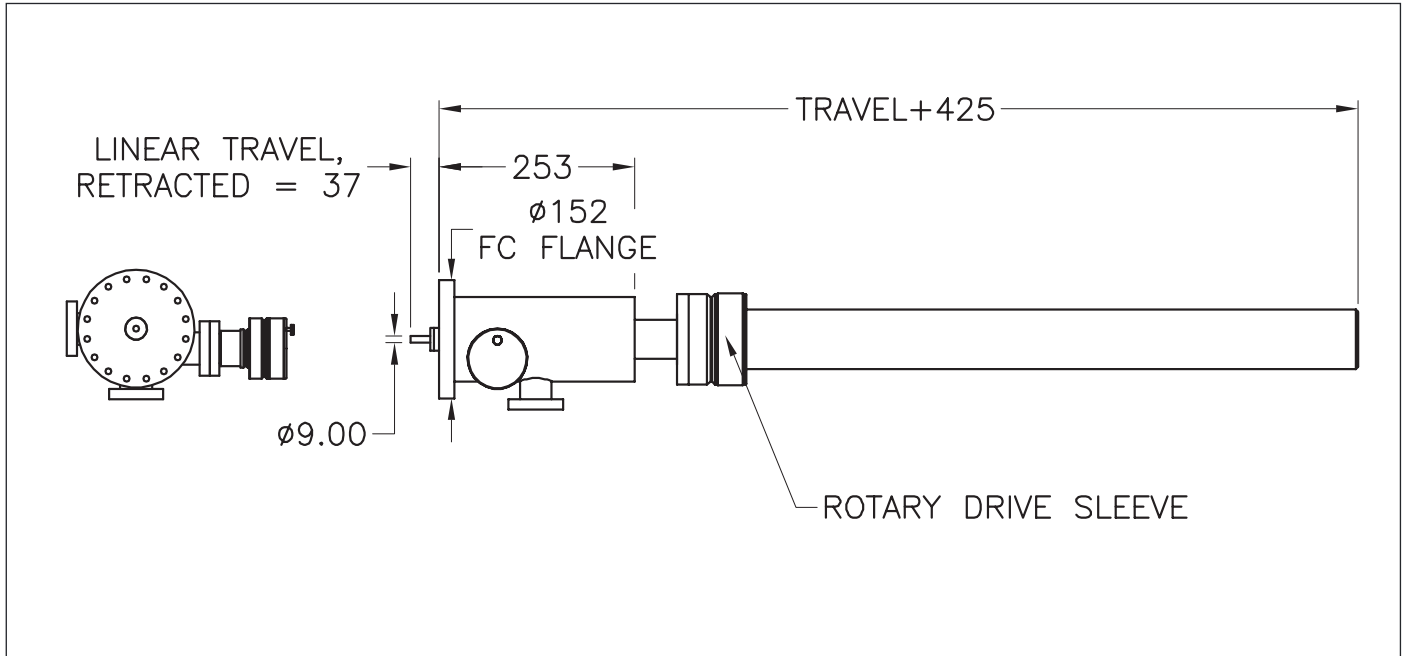
Product Overview

- Non-magnetic precise movement
- Wide range of linear travels with option of continuous 360° rotation
- Low sample deflection at full extended travel
- Bakeable to 250°C
- Leak rate $< 1 \times 10^{-10}$ mbar ls⁻¹
- Pressure range 1 bar to 10^{-11} mbar
- Motorisation options available
- 152mm OD Conflat mounting flange
- 28.6mm dia probe with 9mm inner shaft on RLRP6 version
- Load capacity 3kg
- Optional differential pumping port





Linear Rack & Pinion Drives - LRP6 and RLRP6



Linear Rack and Pinions - LRP6 and RLRP6 Series

DN Type	Flange Size OD mm	Flange Size Length mm	Linear Travel mm	Rotation	Probe Diameter mm	External mm	Max Load kg	Order Code
DN100	152	6	460	No	28.6	760	3	ZLRP604
DN100	152	6	914	No	28.6	1214	3	ZLRP609
DN100	152	6	460	Yes	28.6	885	3	ZRLRP604
DN100	152	6	914	Yes	28.6	1339	3	ZRLRP609