

Stirrer Assembly for pressure and vacuum applications

Description

The stirrer shaft seal assembly is made to fit Rodaviss ground glass female taper fittings. Currently 3 sizes (accommodating 10mm stirrer shafts) are available, B19, B24 and B29. Each unit is supplied complete with a Rodaviss screw cap, taper release ring and a clamping o-ring.

Other shaft diameters are made to order.

Construction is in PEEK with sealing, for pressure and vacuum, provided by a spring energised seals in a PTFE based compound. (For an additional cost FDA approved seals can be fitted).

The shaft seal is suitable for process applications where existing shaft seal designs are prone to leakage.

Specifications	Standard	Customised
Material of construction		
Body	PEEK	User Specification
Seal	316 Spring energised PTFE	Hastelloy spring material
Connection	B19, B24, B29	
Shaft diameter	10 mm	User Specification
Max operating Temperature	80 °C	
Max operating Pressure	5 Barg	
Leak check		
N ₂ at 1.0 barg, ambient temperature	No perceptible drop after 24h	
Optional		
Shaft	10 mm Precision glass 10 mm 316 Stainless Steel	

Useful information

Rodaviss joints and connectors

<http://www.duran-group.com/en/products-solutions/glassware-for-manipulators/products/joints-connectors/rodaviss.html>