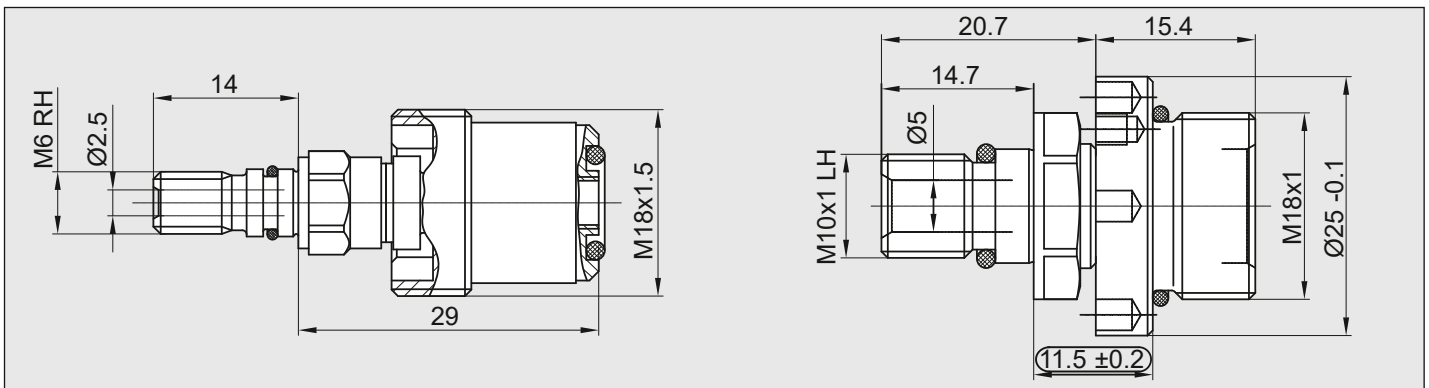




DEUBLIN

Bearingless Rotary Union Cartridge Design Compact Bearingless Rotary Union for smallest installation space

- Single passage available with almost all sealing technologies
- Design with additional functions: e.g. "long stroke" stator with hub to allow drawbar movement even when rotary union is mounted onto the clamping unit
- Full-flow design has no obstructions to trap swarf or debris
- Balanced mechanical seals made from silicon carbide / carbon graphite for limited dry run for long life
- Anodised aluminium housing resists corrosion
- Dry run capability depending on sealing technology and materials

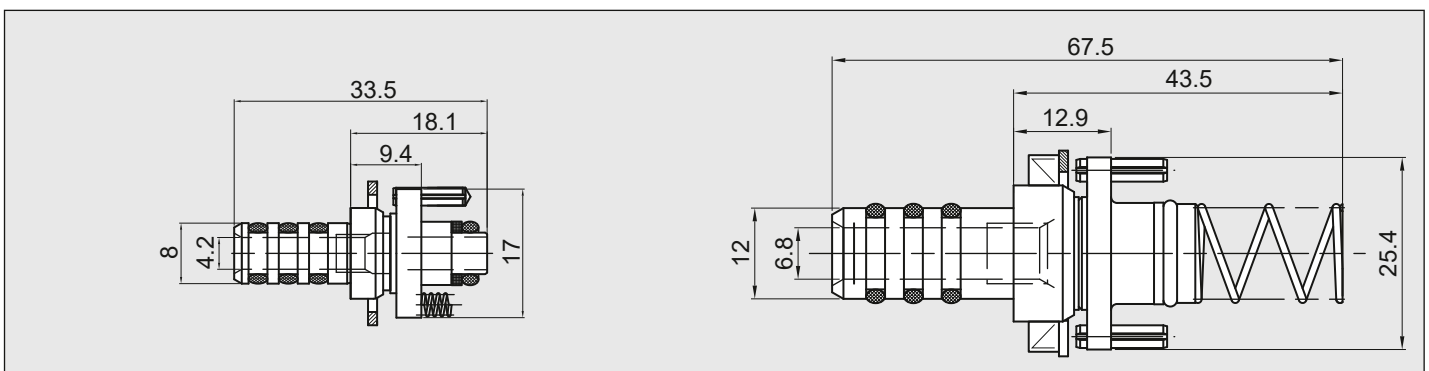


Operating Data / 1121-251-434

Media (depending on model)	Water-based Coolant, Cutting Oil	
Sealing Technology	Pop-Off® Seals SIC/SIC	
Filtration	ISO 4406:2017 Class 17/15/12, max. 60 micron	
Max. Speed	150,000 min ⁻¹	150,000 rpm
Max. Pressure	180 bar	2,707 psi
Max. Flow	7.4 l/min	2 gpm

Operating Data / 1124-259-260

Media (depending on model)	Water-based Coolant, Compressed Air up to 10 bar, up to 145 psi	
Sealing Technology	AutoSense® Seals SIC/SIC	
Filtration	ISO 4406:2017 Class 17/15/12, max. 60 micron	
Max. Speed	30,000 min ⁻¹	30,000 rpm
Max. Pressure	140 bar / 10 bar	2,031 psi / 145 psi
Max. Flow	7.4 l/min	2 gpm



Operating Data / 993-880

Media (depending on model)	Water-based Coolant, Cutting Oil, Compressed Air up to 6 bar	
Sealing Technology	Closed Seal – Limited Dry Run Seals CG/SIC	
Filtration	ISO 4406:2017 Class 17/15/12, max. 60 micron	
Max. Speed	15,000 min ⁻¹	15,000 rpm
Max. Pressure	80 bar / 6 bar	1,160.3 psi / 87 psi
Max. Flow	9.4 l/min	2.5 gpm

Operating Data / 9012-810

Media (depending on model)	Coolant	
Sealing Technology	Closed Seal Seals SIC/SIC	
Filtration	ISO 4406:2017 Class 17/15/12, max. 60 micron	
Max. Speed	15,000 min ⁻¹	15,000 rpm
Max. Pressure	110 bar	1,595.42 psi
Max. Flow	49.8 l/min	13.2 gpm