



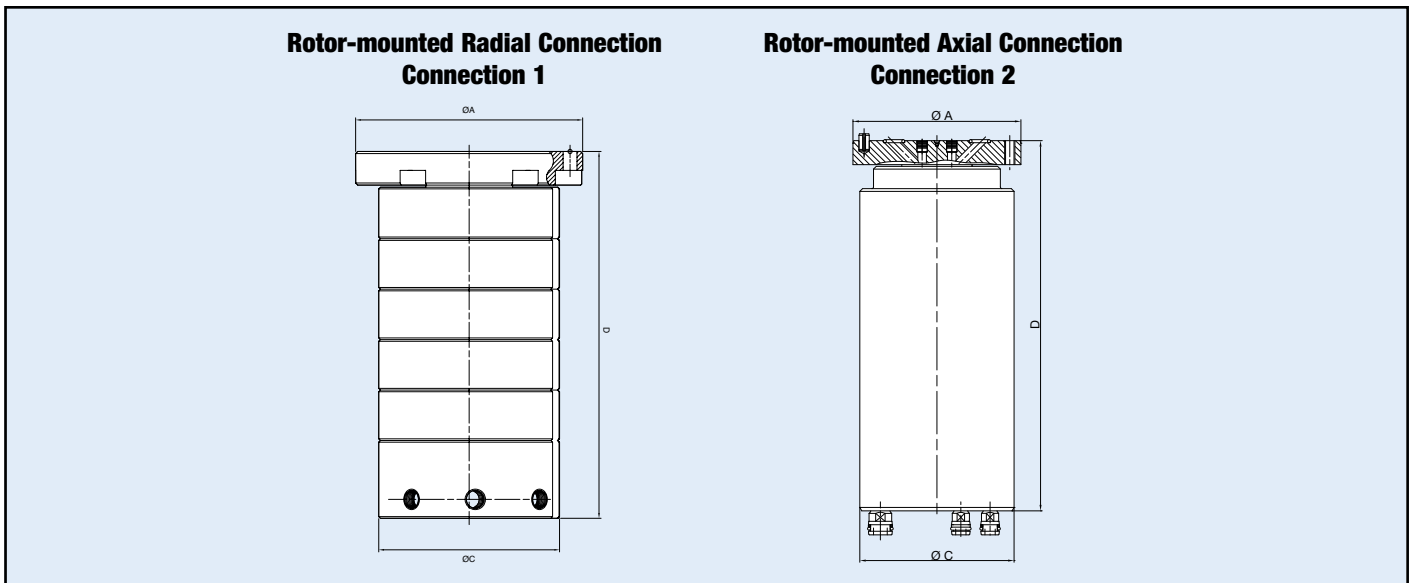
DEUBLIN

Multi-Channel High Speed Unions (1000+ RPM) for DDRT Applications Requiring Various Media

- 3-8 Passages for Various Media
- Applications include clamping and unclamping, work piece or tool sensing, air cleaning, and spindle cooling
- Minimized axial length
- No external lubrication required for air seals
- Balanced mechanical seals in all passages for low torque and long life even with high speeds and pressures
- Closed seals provide continuous containment of media with no by-pass leakage
- Dual precision ball bearings for smooth operation

Operating Data

Media	Hydraulic Oil Cooling Oil Air up to 10 bar (145 psi) Coolant	
Filtration	ISO 4406 Class 17/15/12, max. 60 micron	
Maximum Speed	See Chart	See Chart
Maximum Pressure		
Coolant or oil	Up to 140 bar	2,030 psi
Air	Up to 10 bar	150 psi
Maximum Temperature	71°C	160°F



Number of Passages	Connection	Ordering Number	Max Speed	Media Channels	D Overall Length	C Housing Diameter	A Flange Diameter
3	1	2603-140-108	7000	2x Oil, 1x Air	140	68	108
3	1	2603-145-108	7000	2x Oil, 1x Air	140	68	108
3	1	2603-141-108	3000	3x Air	140	68	108
4	1	2604-001-108	3000	2x Oil, 2x Air	164	86	108
4	1	2604-101-108	3000	3x Hydraulic, 1x Air	164	86	108
6	1	2606-100-101	3000	2x Cooling Oil, 2x Hydraulic Oil, 2x Air	205	86	100
6	2	2606-200-101	3000	2x Cooling Oil, 2x Hydraulic Oil, 2x Air	215	86	100
6	1	2606-075-102	3000	2x Cooling Oil, 2x Hydraulic Oil, 2x Air	163	75	75
8	1	2608-158-103	2000	2x Cooling Oil, 3x Hydraulic Oil, 3x Air	252	115	168
8	1	2608-159-103	2000	2x Cooling Oil, 4x Hydraulic Oil, 2x Air	252	115	168