



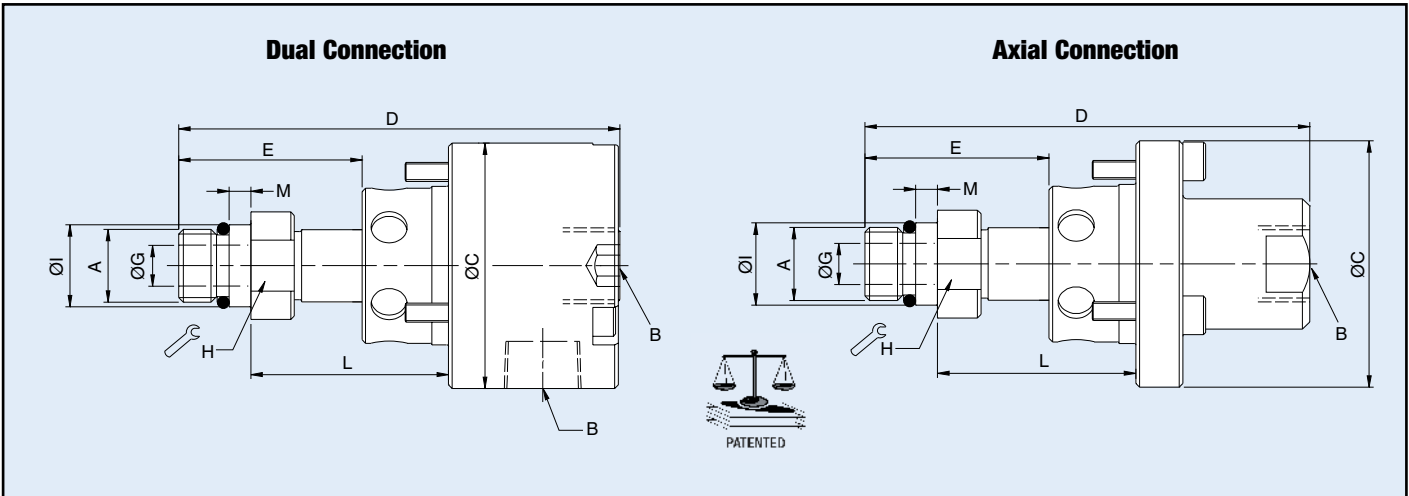
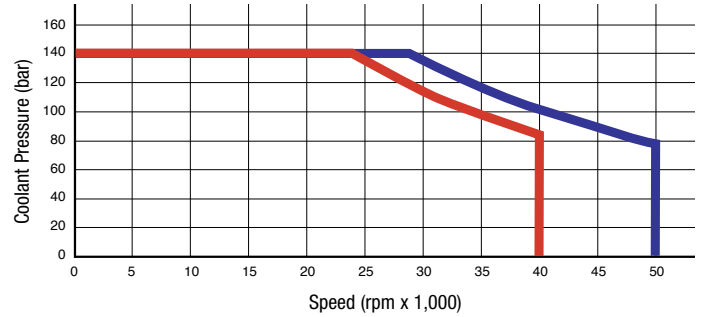
DEUBLIN

1124 Series Bearingless AutoSense™ Rotating Unions for Coolant and Air Service with Dry Running

- Single passage for coolant and compressed air
- Patented AutoSense™ technology, changes automatically between closed seals and controlled leakage, depending on media
- Full-flow design has no obstructions to trap swarf or debris
- Balanced mechanical seals made from silicon carbide for long life even under difficult operating conditions
- Anodised aluminium housing, resists corrosion
- Available with threaded rotor only

Operating Data

Media	Water-based Coolant MQL (oil mist) up to 10 bar (145 psi)	
Filtration	ISO 4406 Class 17/15/12, max. 60 micron	
Max. Speed	see graphic/table	
Max. Pressure	see graphic/table	
Max. Flow	37.5 L/min	9.9 gpm
1124-014-015	21.8 L/min	5.8 gpm
1124-800-780	21.8 L/min	5.8 gpm
1124-850-847	19.0 L/min	5.0 gpm
Max. Temperature	71 °C	160 °F



Ordering Number	B Supply Connection	C Overall Diameter	D Overall Length	L Mounting Distance	A Rotor Connection	E Rotor Length	G Bore Diameter	H Across Flats	I Pilot Diameter	M Pilot Length	Max. Speed (rpm)
1124-850-847	G 1/4" Radial	68	101	2	M8 x 0.5 LH	28	4	13	8.995 / 8.991	20	40,000
1124-031-590	G 3/8" Radial	58	76	21.5	M16 x 1.5 LH	25	9	19	17.993 / 17.988	5	40,000
1124-036-301	PT 3/8" Axial	54	97	44.0 / 43.0	M16 x 1.5 LH	40	9	24	17.993 / 17.988	5	40,000
1124-400-327	PT 3/8" Axial	54	94	39.6 / 38.6	M12 x 1.25 LH	37	6	18	14.000 / 13.995	5	40,000
1124-300-327	PT 3/8" Radial	54	94	39.6 / 38.6	M12 x 1.25 LH	37	6	18	14.000 / 13.995	5	40,000
	PT 3/8" Axial										
1124-300-301	PT 3/8" Radial	54	97	44.0 / 43.0	M16 x 1.5 LH	40	9	24	17.993 / 17.988	5	40,000
	PT 3/8" Axial										
1124-800-780	G 3/8" Radial	54	106	41.5	M16 x 1.5 LH	16	5	19	17.993 / 19.988	5	40,000
	G 3/8" Axial										
1124-014-015	G 1/4" Axial	45	63	14	M10 x 1 LH	29	5	14	10.994 / 10.989	7	50,000

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