



DEUBLIN

7000 and 1115 Series "Controlled Leakage" Rotating Unions for Dry Air or Vacuum at High Speed

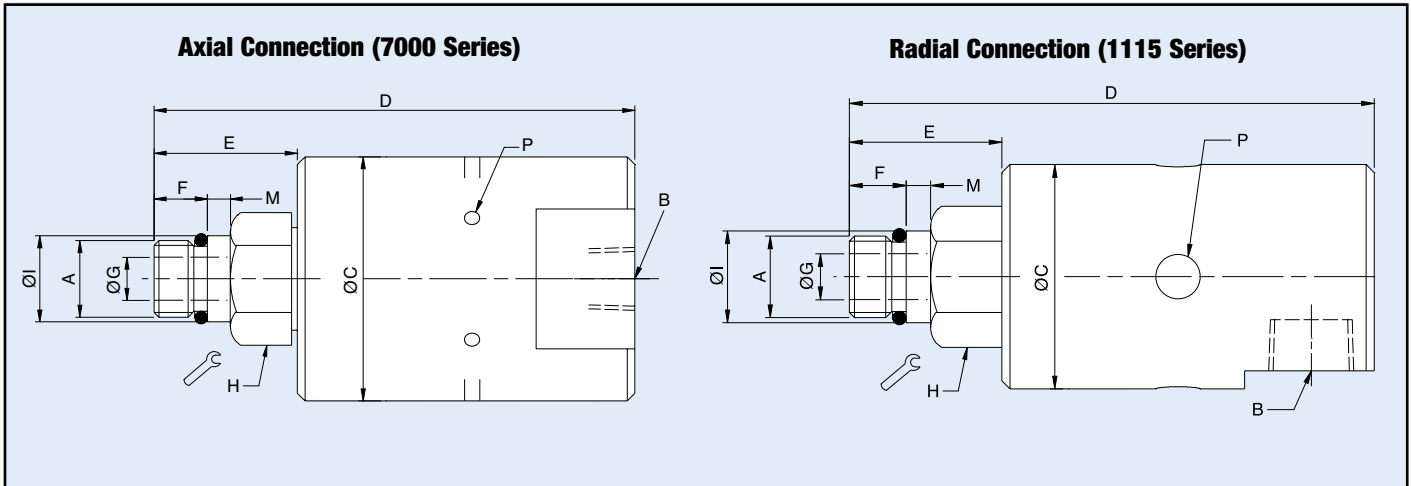
- Single passage for dry or lubricated air
- Bearings are lubricated for life
- Full-flow design has no obstructions to trap chips or debris
- Threaded rotor for easy installation
- Balanced mechanical seals made from silicon carbide for long life even under difficult operating conditions
- Anodized aluminum and stainless steel parts resist corrosion

Operating Data

Media	Air (dry or lubricated) Vacuum (7000-027-468 only)	
Maximum Speed	1115-114-xxx	15,000 min ⁻¹ 15,000 rpm
	1115-680-xxx	15,000 min ⁻¹ 15,000 rpm
	7000-xxx-xxx	18,000 min ⁻¹ 18,000 rpm
Maximum Pressure	10 bar	145 psi
Maximum Flow	1115-114-xxx	2,460 l/min 87 SCFM
	1115-680-xxx	2,460 l/min 87 SCFM
	7000-xxx-xxx	1,060 l/min 37 SCFM
Maximum Temperature	121°C	250°F



DRY AIR SERVICE



	Ordering Number	B Supply Connection	C Overall Diameter	D Overall Length	P Vent Size (6 X 90°)	A Rotor Connection	E Rotor Length	F Thread Length	G Bore Diameter	H Across Flats	I Pilot Diameter	M Pilot Length
Axial Connection	7000-003-117	1/4" PT	51	97	3	M16 x 1.5 RH	26	11	6	24	17.993 / 17.988	5
	7000-003-118	1/4" PT	51	97	3	M16 x 1.5 LH	26	11	6	24	17.993 / 17.988	5
	7000-003-224	1/4" PT	51	100	3	5/8"-18 UNF RH	30	14	6	15/16"	0.6555" / 0.6553"	5
	7000-003-225	1/4" PT	51	100	3	5/8"-18 UNF LH	30	14	6	15/16"	0.6555" / 0.6553"	5
	7000-027-468*	3/8" NPT	51	100	3	5/8"-18 UNF LH	30	14	9	15/16"	0.6555" / 0.6553"	5
	Ordering Number	B Supply Connection	C Overall Diameter	D Overall Length	P Vent Size (4 X 90°)	A Rotor Connection	E Rotor Length	F Thread Length	G Bore Diameter	H Across Flats	I Pilot Diameter	M Pilot Length
Radial Connection	1115-114-402	G 3/8"	44	106	9	5/8"-18 UNF LH	33	14	9	15/16"	0.6555" / 0.6553"	5
	1115-114-556	G 3/8"	44	106	9	M16 x 1.5 LH	30	11	9	24	17.993 / 17.988	5
	1115-680-402	3/8" NPT	44	106	9	5/8"-18 UNF LH	33	14	9	15/16"	0.6555" / 0.6553"	5
	1115-680-403	3/8" NPT	44	106	9	5/8"-18 UNF RH	33	14	9	15/16"	0.6555" / 0.6553"	5

* Model 7000-027-468 is for vacuum and air service.

Note: Special two-passage unions for air and oil (used for MQL mixed in the spindle) may be found on page 33.

美国杜博林 Deublin 旋转接头授权代理

信德迈科技 (北京) 有限公司 Email: sales@cnmec.biz 010-84282935

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