

DEUBLIN

1108 Coolant Union

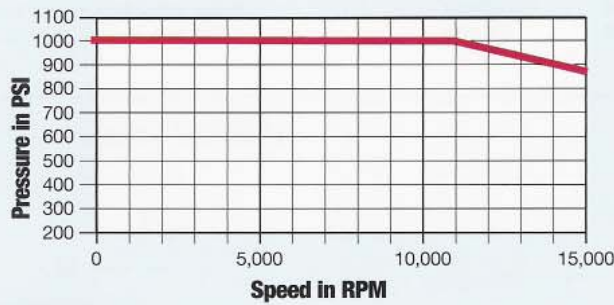
- monoflow design
- self-supported rotating union
- radial or axial connection
- balanced mechanical seal
- seal combination:
Silicon Carbide/Silicon Carbide
- ABEC 7 precision angular contact ball bearings
- labyrinth system and large vents protect bearings
- full-media flow
- anodized aluminum end cap
- steel rotor



Operating Data

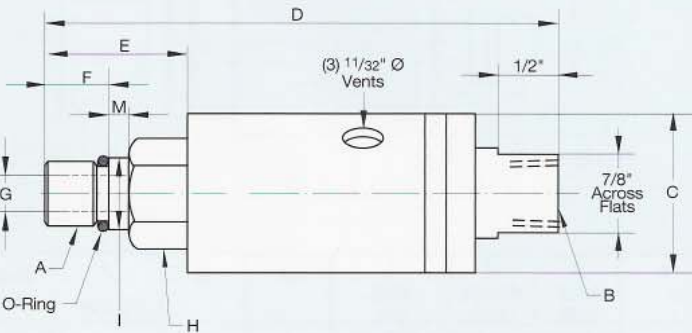
Maximum Coolant Pressure ^①	1,000 PSI	70 bar
Maximum Speed ^①	15,000 RPM	15,000/min
Maximum Flow Rate	13 GPM	50L/min
Maximum Temperature	160°F	70°C

^① Refer to graph for maximum pressure and speed combinations. If operating conditions are marginal, consult **DEUBLIN**.

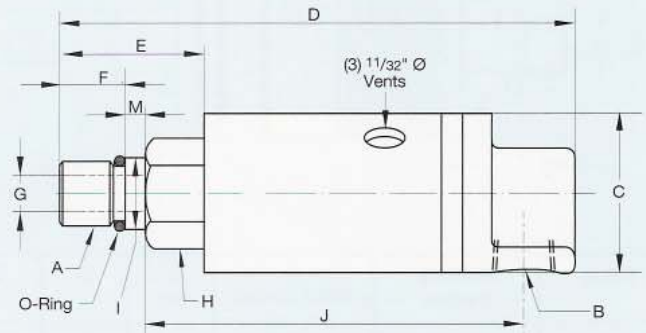


Refer to Page 51 for Spindle Tolerance Requirements

1108-002 Straight Through Union



1108-001 90° Union



B Port	Ordering Number	A Rotor Thread	C Dia.	D	E	F	G Rotor Hole	H Across Flats	I Pilot Dia.	J	M	Shpg. Wt.
3/8" NPT	1108-002-101	5/8"-18 UNF RH	1 23/32"	5 7/32"	1 11/32"	9/16"	1 1/32"	15/16"	.6555" .6553"	-	3/16"	1 1/2#
3/8" NPT	1108-002-102	5/8"-18 UNF LH	1 23/32"	5 7/32"	1 11/32"	9/16"	1 1/32"	15/16"	.6555" .6553"	-	3/16"	1 1/2#
G 3/8" (BSP)	1108-032-153	M16 x 1.5 LH	44	129	31	11	9	23.8	17.993 17.988	-	5	.7 Kg
3/8" NPT	1108-001-101	5/8"-18 UNF RH	1 23/32"	5 15/32"	1 11/32"	9/16"	1 1/32"	15/16"	.6555" .6553"	4 1/8"	3/16"	1 1/2#
3/8" NPT	1108-001-102	5/8"-18 UNF LH	1 23/32"	5 15/32"	1 11/32"	9/16"	1 1/32"	15/16"	.6555" .6553"	4 1/8"	3/16"	1 1/2#
G 3/8" (BSP)	1108-011-153	M16 x 1.5 LH	44	135	31	11	9	23.8	17.993 17.988	105	5	.7 Kg