

# DEUBLIN

## Rotating Union 1101 Series for Coolant Service, DN 8



- monoflow design
- self-supported rotating union
- radial or axial housing connection
- high-wear resistant balanced mechanical seal  
Silicon Carbide/Silicon Carbide
- slinger and vents protect bearings
- full-media flow
- anodised aluminium housing
- stainless steel rotor

### Operating Data

Max. Coolant Pressure*	1,520 PSI	105 bar
Max. Speed*	15,000 RPM	15.000 min <sup>-1</sup>
Max. Flow Rate	4.1 GPM	15 l/min
Max. Temperature	70 °C	> 70 °C consult <b>DEUBLIN</b>

\* Operation at max. pressure combined with max. speed is not permissible  
Refer to diagram

For further information please contact **DEUBLIN** or your local representative.

**Pressure vs. Speed Graph:**

Speed (RPM)	Pressure (bar)
0	105
5000	105
10000	~80
15000	~60

**Technical Labels:** Rotor Thread, Stainless Steel Rotor, Vents, Micro-lapped Seal Faces, Floating Seal (keyed), Viton O-Ring Seal, Ball Bearings, Slinger to protect Ball Bearings, Stainless Steel Spring, Anodised Aluminium Housing.

**Dimensions:** A, B, C, D, E, F, G, H, I, J, K, L, M. Rotor Connections refer to page 50.

**Connection Types:** Axial Connection, Radial Connection.

DN	B	Connection	Ordering No.	A Rotor Connections	C ø	D	E	F	G ø	H ø	I ø PT	J	K	L ø	M	kg
8	G 3/8	Axial	1101-359-343	M 16 x 1,5 LH	43	97	30	11	4,8	24	17,994 17,989	-	13	22	5	0,6
8	G 3/8	Radial	1101-195-343	M 16 x 1,5 LH	43	102	30	11	4,8	24	17,994 17,989	71	-	-	5	0,6