

DEUBLIN

Rotating Union 1116 Series for Coolant Service, DN 10



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

Operating Data

Max. Coolant pressure*	1,020 PSI	70 bar
Max. Speed*	10,000 RPM	10,000 min ⁻¹
Max. Flow Rate	13.8 GPM	50 l/min
Max. Temperature	70 °C	> 70 °C consult DEUBLIN

* 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	70
5000	50
10000	40

Dimensioned Drawings:

- Axial Connection:** Shows dimensions A, B, C, D, E, F, G, H, K, L, M. Features include O-Ring, H, and a rotor connection with $\text{Ø}8.5 (6 \times 60^\circ)$.
- Radial Connection:** Shows dimensions A, B, C, D, E, F, G, H, J, K, L, M. Features include O-Ring, H, and a rotor connection with $\text{Ø}8.5 (6 \times 60^\circ)$.

Rotor Connections refer to page 50.

DN	B	Connection	Ordering No.	A Rotor Connections	C ø	D	E	F	G ø	H ⌀	I ø PT	J	K	L ⌀	M	kg
10	G 3/8	Axial	1116-610-463	M 16 x 1,5 LH	44	112	30	11	9	24	17,994 17,989	-	17	22	5	0,4
10	G 3/8	Radial	1116-555-463	M 16 x 1,5 LH	44	102	30	11	9	24	17,994 17,989	71	-	-	5	0,4