



DEUBLIN

Rotary Union 7100 Series High Pressure Hydraulic Service, DN 8 – 20, Duoflow

- Duoflow design
- Self-supported Rotary Union
- Hydrostatic bearing design
- Wear-resistant bearing
- Vent for controlled drainage
- Shaft seal for secondary sealing
- Stainless steel housing
- Hardened steel rotor

Operating Data

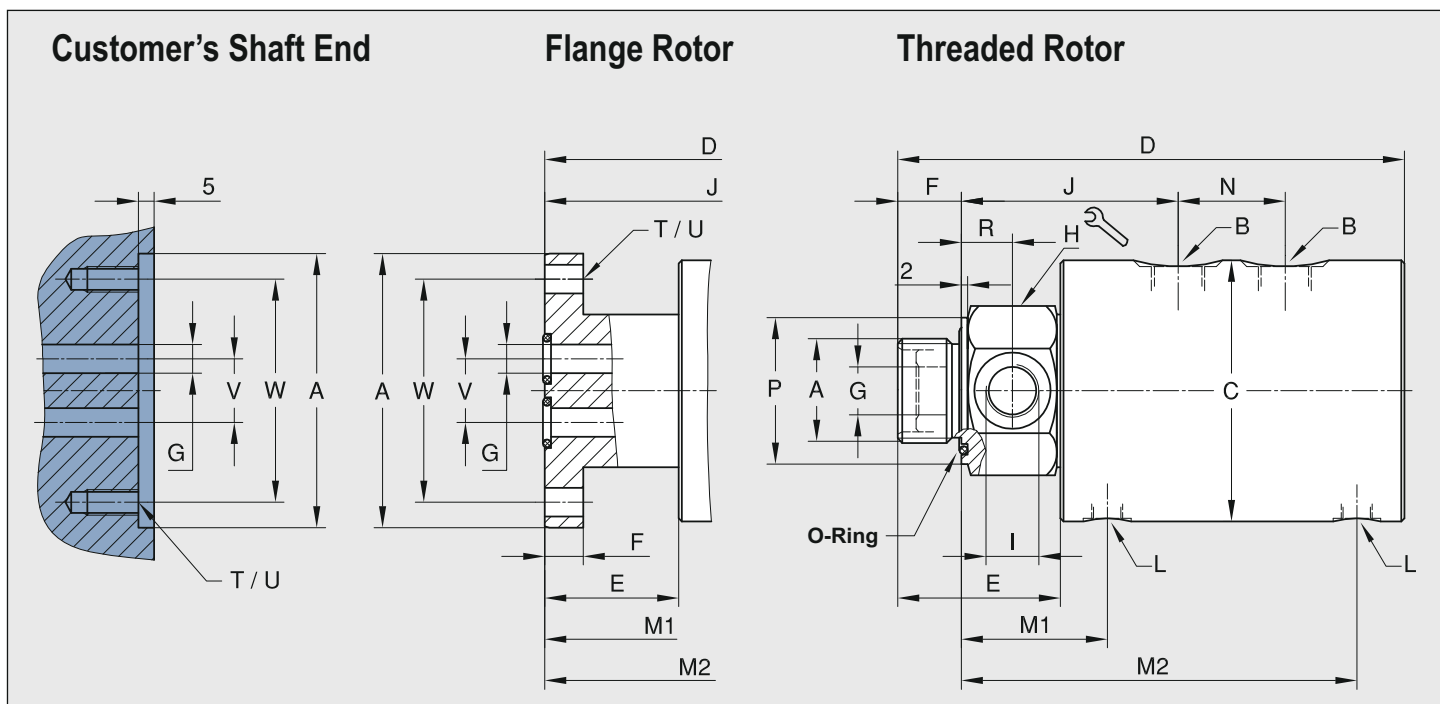
Max. Hydraulic Pressure	3,630 PSI	250 bar
Min. Hydraulic Pressure	40 PSI	3 bar
Max. Speed	500 rpm	500 min ⁻¹
Max. Temperature	158 °F	70 °C

Higher pressure and speed on request;

For higher temperature, please consult Deublin.

Required Oil Cleanliness: class 17/15/12, ISO 4406:2017

For further information, please contact Deublin or your local representative.



Duoflow Rotary Union

DN	B	Ordering-No	A Rotor Connections	C Ø	D	E	F	G Ø	H Ø	I	J	L	M1/M2	N	P Ø	R	T	U Ø	V Ø	W Ø	kg
2 x 8	G 1/4	7100-773	G 3/4 RH	82	176	46	17	6.4	46	G 1/4	76	G 1/8	49.5/137.5	36	46	15	—	—	—	—	4.5
	G 1/4	7100-852	Flange Ø86 g6/H7	82	172	42	12	9	—	—	89	G 1/8	62/151	36	—	—	4 x 90°	9 M8	20	70	4.5
2 x 10	G 3/8	7100-777	G 1 RH	82	181	51	20	8	46	G 3/8	78	G 1/8	52/140	36	46	16	—	—	—	—	4.4
	G 3/8	7100-853	Flange Ø86 g6/H7	82	172	42	12	9	—	—	89	G 1/8	63/151	36	—	—	4 x 90°	9 M8	20	70	4.4
2 x 15	G 1/2	7100-711	G 1 1/4 RH	109	244	70	26	15	55	G 1/2	101	G 1/4	70.5/180.5	50	55	18	—	—	—	—	11
	G 1/2	7100-854	Flange Ø108 g6/H7	109	230	56	16	12.5	—	—	113	G 1/4	82.5/192.5	50	—	—	4 x 90°	11 M10	20.5	88	11
2 x 20	G 3/4	7100-855	Flange Ø148 g6/H7	148	288	78	25	19	—	—	153	G 1/2	110.5/253	60	—	—	6 x 60°	13.5 M12	33	126	28