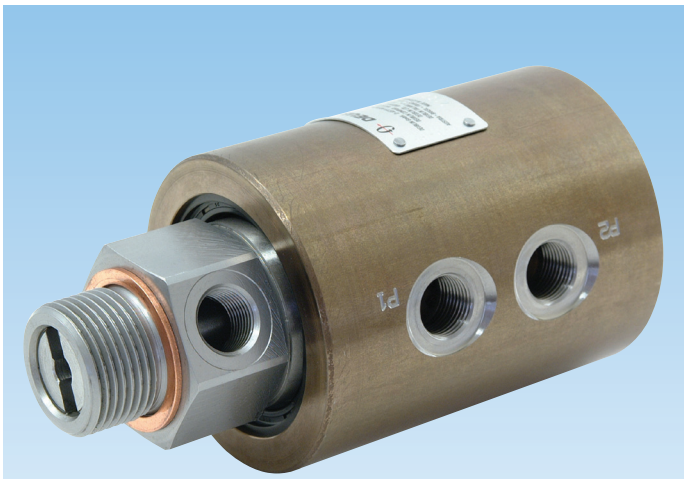


DEUBLIN

Rotating Union 7100 Series for High Pressure Hydraulic Service, DN 8 - 20, Duoflow

- duoflow design
- self-supported rotating union
- hydrostatic bearing design
- wear-resistant bearing
- vent for controlled leakage, depending on pressure
- shaft seal for secondary sealing
- stainless steel housing
- hardened steel rotor

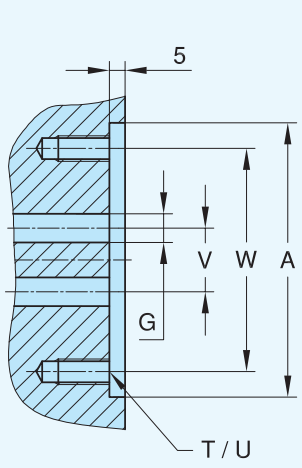
For further information please contact ***DEUBLIN*** or your local representative.

Operating Data

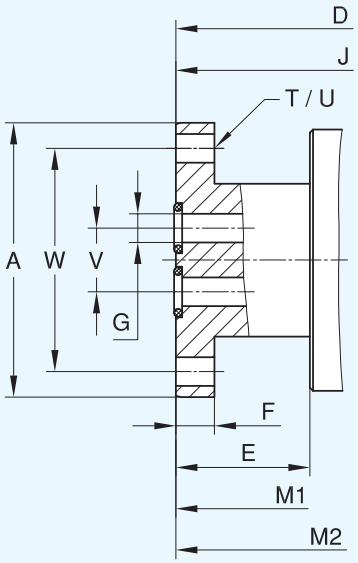
Max. Hydraulic Pressure	3,630 PSI	250 bar
Min. Hydraulic Pressure	40 PSI	3 bar
Max. Speed	500 RPM	500 min^{-1}
Max. Temperature	60 °C	> 60 °C consult *DEUBLIN*

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

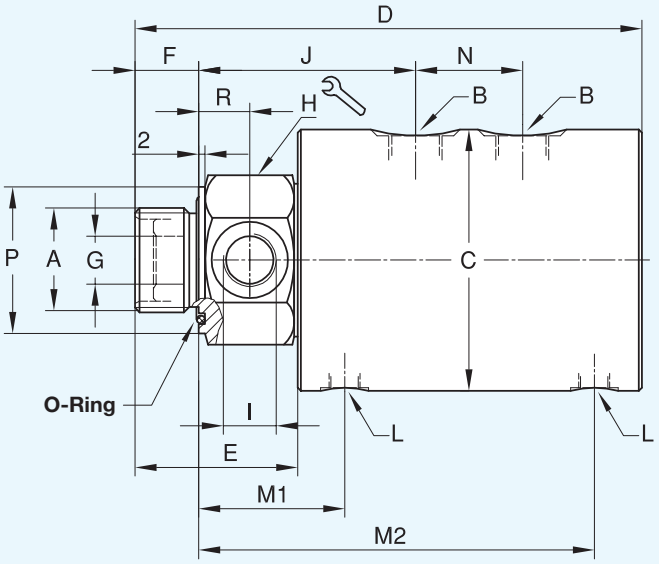
Customer's Shaft End



Flange Rotor



Threaded Rotor



Duoflow Rotating Union

DN	B	Ordering No.	A Rotor Connections	C ø	D	E	F	G ø	H	I	J	L	M1/M2	N	P ø	R	T	U ø	V ø	W ø	kg
2 x 8	2 x 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
2 x 8	2 x G 1/4	7100-852	Flange ø 86 g6/H7	82	172	42	12	9	-	-	89	G 1/8	63/151	36	-	-	4x90°	9 M8	20	70	4,5
2 x 10	2 x 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
2 x 10	2 x G 3/8	7100-853	Flange ø 86 g6/H7	82	172	42	12	9	-	-	89	G 1/8	63/151	36	-	-	4x90°	9 M8	20	70	4,4
2 x 15	2 x 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
2 x 15	2 x G 1/2	7100-854	Flange ø 108 g6/H7	109	230	56	16	12,5	-	-	113	G 1/4	82,5/192,5	50	-	-	4x90°	11 M10	20,5	88	11
2 x 20	2 x G 3/4	7100-713	G 1 1/2 RH	109	249	75	28	17,5	65	G 3/4	106	G 1/4	73,5/183,5	50	65	20	-	-	-	-	12
2 x 20	2 x G 3/4	7100-855	Flange ø 148 g6/H7	148	288	78	25	19	-	-	153	2x G 1/2	110,5/253	60	-	-	6x60°	13,5 M12	33	126	28