

DEUBLIN

Rotary Union 1379 and 1479 Series 4-Passage for Various Media

- Four independent passages for applications such as clamping and unclamping, work piece or tool sensing, and spindle cooling
- Vent between passages 2 and 3 allows use of two different media without cross contamination. For example, air in passages 1 and 2 and hydraulic oil in passages 3 and 4
- Stainless steel and brass components resist corrosion
- Hardened chrome sealing surface and elastomer-energized seals
- Dual, widely spaced ball bearings absorb large side loads

For further information please contact Deublin or your local representative.

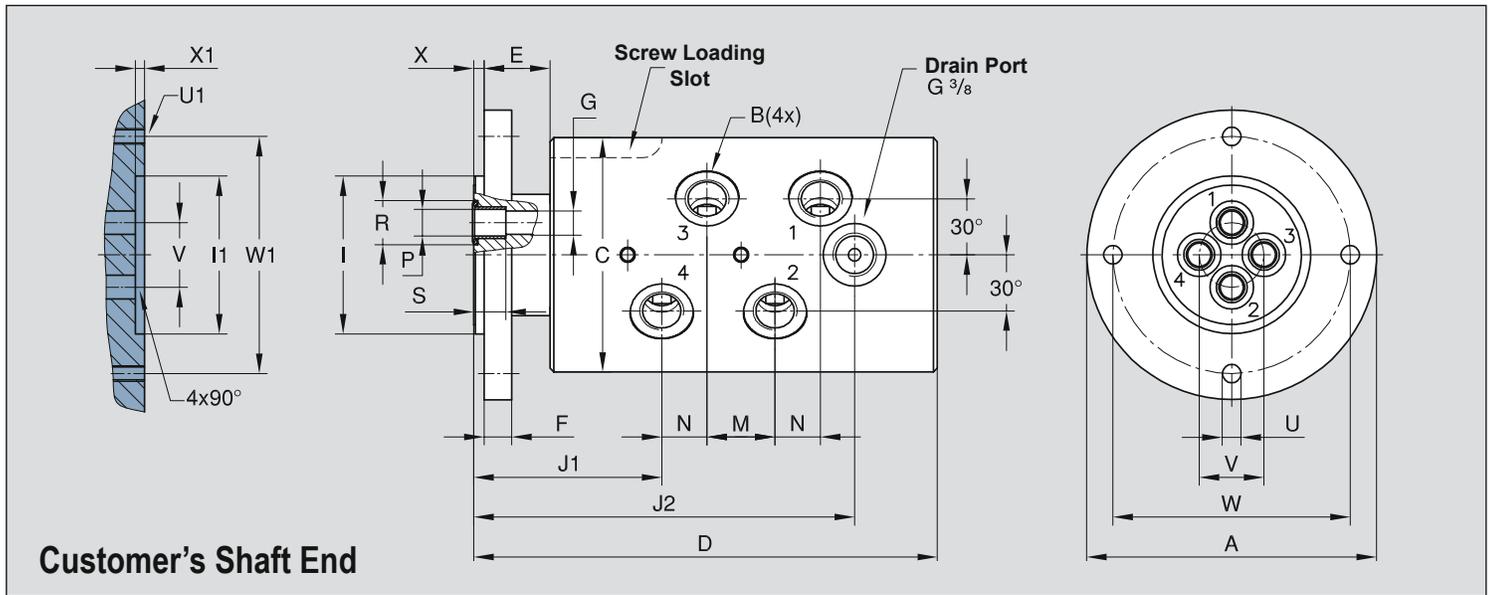
* Operating conditions vary depending on the application and must be adjusted so as not to exceed the maximum union housing temperature rating of 90 °C / 194 °F.



Operating Data

Max. Air Pressure		150 PSI	10 bar
Max. Hydraulic Pressure (rotating)*		850 PSI	60 bar
Max. Hydraulic Pressure (very slow rotating)		3,600 PSI	250 bar
Max. Vacuum		28 "Hg	6.75 kPa
Max. Speed		250 rpm	250 min ⁻¹
Max. Flow per Passage	1379 series	14 gpm	53 l/min
	1479 series	28.5 gpm	108 l/min
Max. Temperature		175 °F	80 °C

For higher temperature please consult Deublin.



4-Passage Rotary Union

DN	B	Ordering No	A Ø	C Ø	D	E	F	G Ø	I ØPT	I1 ØPT	J1	J2	M	N	P Ø	R Ø	S	U Ø	U1	V Ø	W Ø	X	X1	W1 Ø	kg
4 x 10	G 3/8	1379-160	110	88	176	25	11	9	60.000 59.981	60.060 60.030	71	145	26	17	12	16.7	12	7.2	M6 4x90°	24.5	90	4	3.5	90	7.6
4 x 10	3/8 NPT	1379-460	110	88	176	25	11	9	60.000 59.981	60.060 60.030	71	145	26	17	12	16.7	12	7.2	M6 4x90°	24.5	90	4	3.5	90	7.6
4 x 10 + centr. Pass	G 3/8	1379-860	110	88	176	25	11	9	60.000 59.981	60.060 60.030	71	145	26	17	12	16.7	12	7.2	M6 4x90°	24.5	90	4	3.5	90	7.6
4 x 15	G 1/2	1479-100	130	108	202	25	13.5	13	75.000 74.981	75.060 75.030	79.5	172	31	23	13	19.7	15	9	M8 4x90°	29	110	4	3.5	110	12.7
4 x 15	1/2 NPT	1479-400	130	108	202	25	13.5	13	75.000 74.981	75.060 75.030	79.5	172	31	23	13	19.7	15	9	M8 4x90°	29	110	4	3.5	110	12.7
4 x 15 + centr. Pass.	G 1/2	1479-800	130	108	202	25	13.5	13	75.000 74.981	75.060 75.030	79.5	172	31	23	13	19.7	15	9	M8 4x90°	29	110	4	3.5	110	12.7