

DEUBLIN

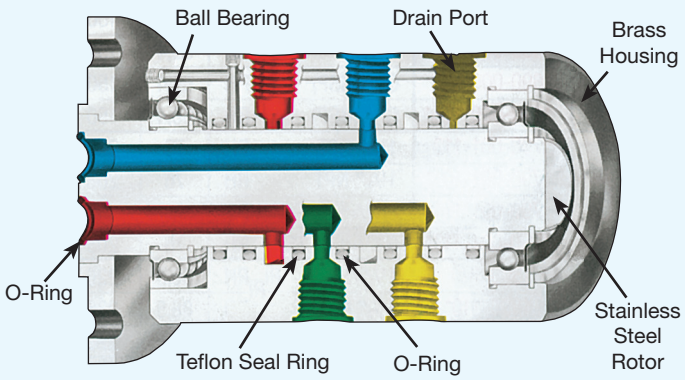
Rotating Union
1379 and 1479 Series 4-Passage for Various Media

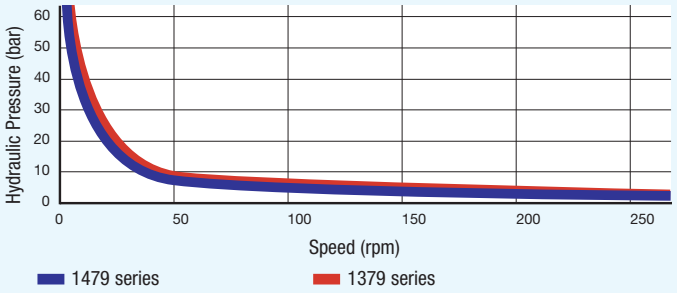
- Four independent passages for applications such as clamping and unclamping, work piece or tool sensing, and spindle cooling
- Vent between passages 2 and 3 allows use of two different media without cross contamination. For example, air in passages 1 and 2 and hydraulic oil in passages 3 and 4
- Stainless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

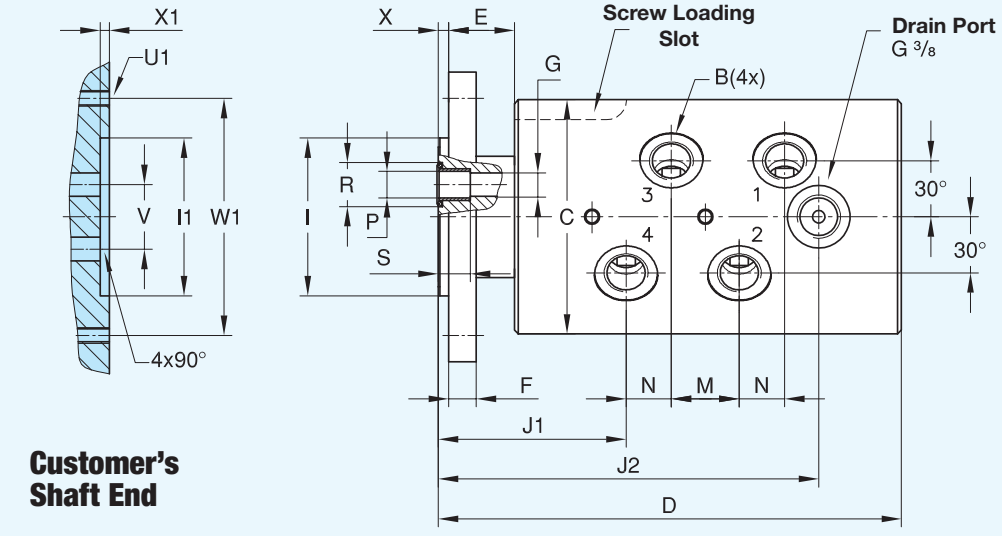
For further information please contact ***DEUBLIN*** or your local representative.

Operating Data

Max. Air Pressure	145 PSI	10 bar
Max. Hydraulic Pressure (rotating)	870 PSI	60 bar
Max. Hydraulic Pressure (very slow rotating)	3.626 PSI	250 bar
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	80 °C	> 80 °C consult *DEUBLIN*
Filtration	ISO 4406 Class 17/15/12, max. 60 micron	







DN	B	Ordering No.	A ø	C ø	D	E	F	G ø	I ø PT	I_1 ø PT	J_1	J_2	M	N	P ø	R ø	S	U ø	U_1	V ø	W ø	X	X_1	W_1 ø	kg
4x 10	**4x G 3/8**	1379-160	110	88	176	25	10,5	9	60,000 59,981	60,060 60,030	72	144,5	26	17	12,05 12,00	16,7	12	7,2	M6 4x90°	24,5	90	4	3,5	90	7,6
4x 10 + centr. pass.	**4x G 3/8**	1379-860	110	88	176	25	10,5	9	60,000 59,981	60,060 60,030	72	144,5	26	17	12,05 12,00	16,7	12	7,2	M6 4x90°	24,5	90	4	3,5	90	7,6
4x 15	**4x G 1/2**	1479-100	130	108	202	25	13,5	13	75,000 74,981	75,060 75,030	81	172	31	23	15,05 15,00	19,7	15	9	M8 4x90°	29	110	4	3,5	110	12,7
4x 15 + centr. pass.	**4x G 1/2**	1479-800	130	108	202	25	13,5	13	75,000 74,981	75,060 75,030	81	172	31	23	15,05 15,00	19,7	15	9	M8 4x90°	29	110	4	3,5	110	12,7