

DEUBLIN

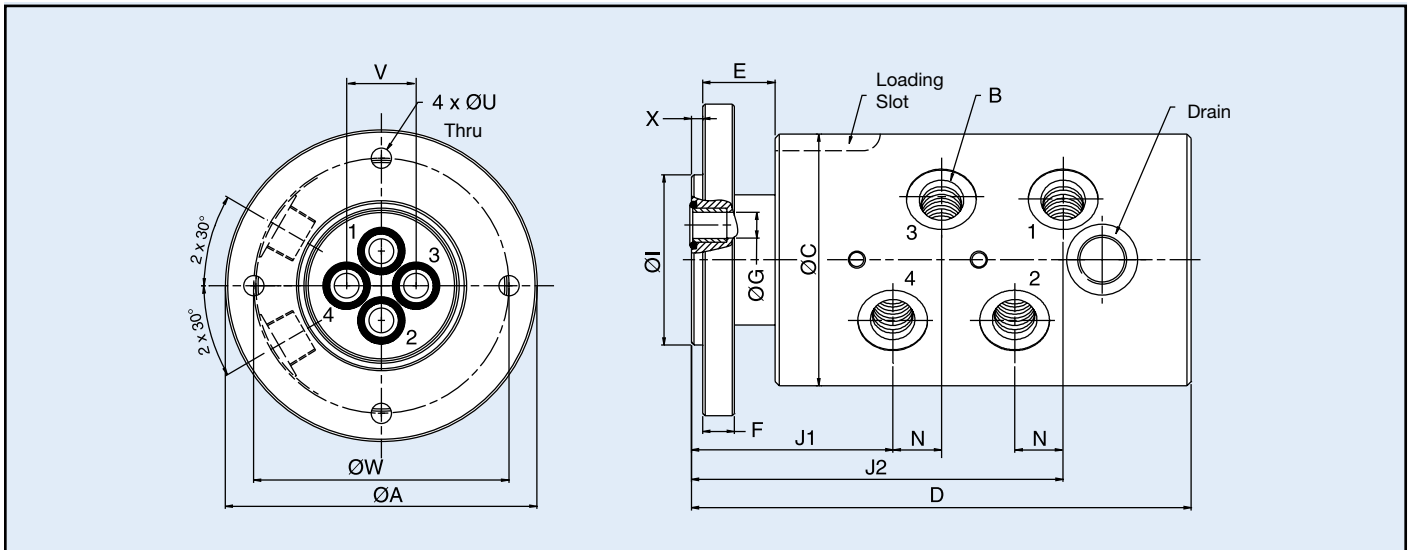
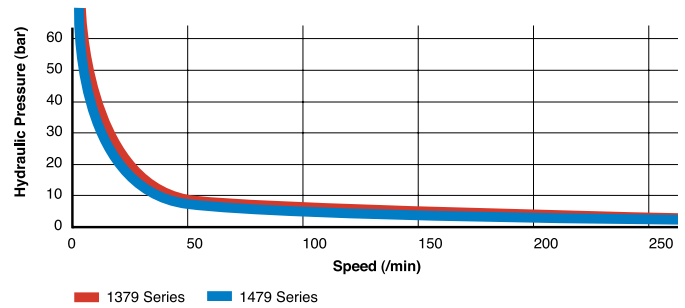
1379 and 1479 Series 4-Passage Rotating Unions for Various Media



- 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, water 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

Operating Data

Media	Hydraulic oil Air (dry or lubricated)	
Filtration	ISO 4406 Class 17/15/12, max. 60 micron	
Maximum Speed	250 min ⁻¹ 250 rpm	
Maximum Pressure	Hydraulic oil	60 bar 870 psi (rotating)
		250 bar 3,625 psi (very slow rotation)
	Air	10 bar 145 psi
Maximum Flow Per Passage	1379 Series	53 l/min 14 gpm
	1479 Series	108 l/min 28.5 gpm
Maximum Temperature	80°C	175°F



	Ordering Number	B Supply Connection	A Flange Dia.	C Housing Dia.	D Overall Length	E Rotor Length	F Flange Thickness	G Bore Dia.	I Pilot Dia.	J1	J2	N	U	V	W B.C. Ø	X Pilot Length
	1379-460	3/8" NPT	110	89	176	25	10.5	9	60.000 59.981	72	142	17	7.2	24.5	90	4
	1379-160	G 3/8"	110	89	176	25	10.5	9	60.000 59.981	72	142	17	7.2	24.5	90	4
	1479-400	1/2" NPT	130	108	202	25	13.5	13	75.000 74.981	81	169	23	9	29	110	4
	1479-100	G 1/2"	130	108	202	25	13.5	13	75.000 74.981	81	169	23	9	29	110	4