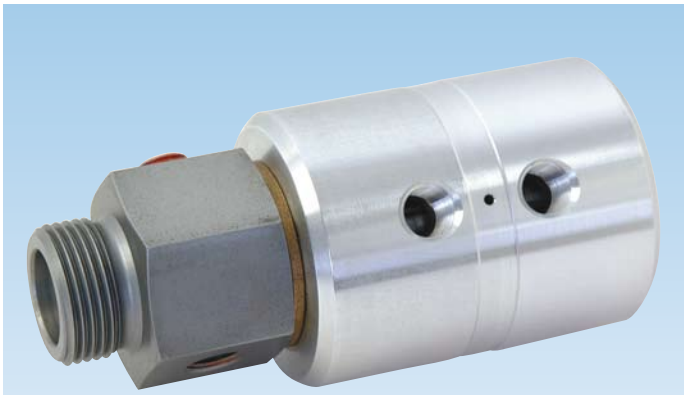


DEUBLIN

Rotating Union
DEU-PLEX for Air and Hydraulic Service, DN 8 - 20

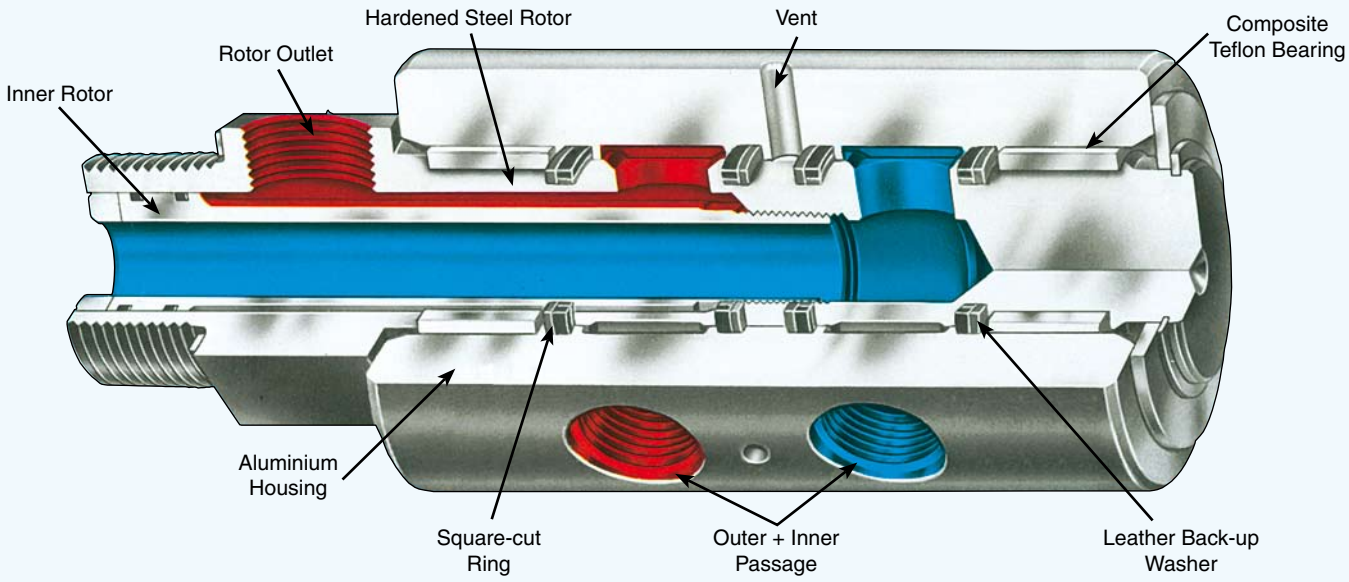
- duoflow design
- Tandem model as triple passage design
- self-supported rotating union
- composite bearing
- vent holes between passages
- carbon-filled teflon seals
- hardened sealing surface
- aluminium housing
- steel rotor

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

Operating Data

Max. Air Pressure	150 PSI	10 bar
Max. Vacuum	2 "Hg	7 kPa
Max. Hydraulic Pressure*	3,050 PSI	210 bar
Max. Speed (short-term)*	250 RPM	250 min^{-1}
Max. Temperature	120 °C	> 120 °C consult ***DEUBLIN***

* Operation at max. pressure combined with max. speed is not permissible



Models without inner rotors can be used for coaxial feed applications as shown below.

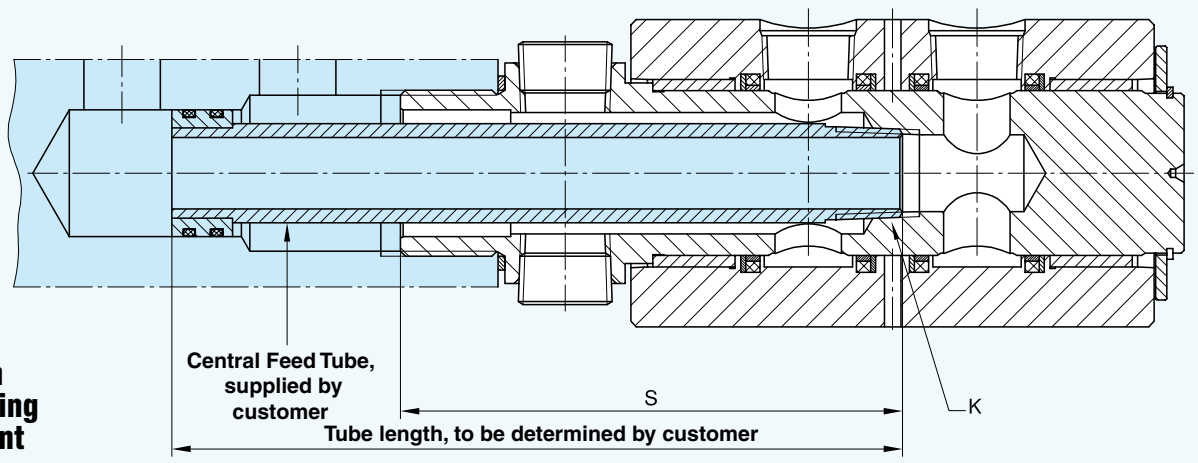
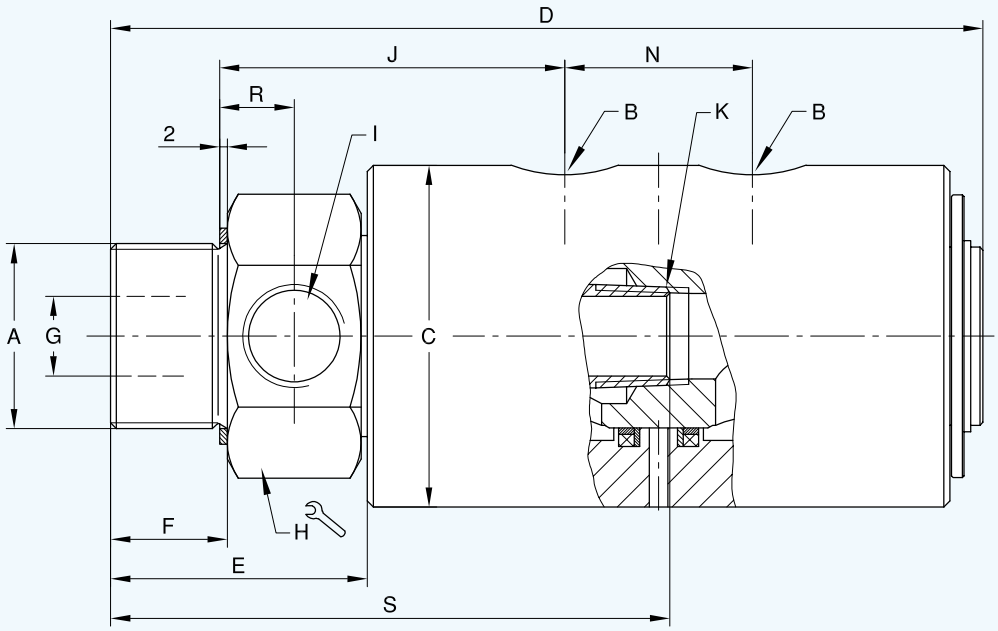


Illustration of a mounting arrangement

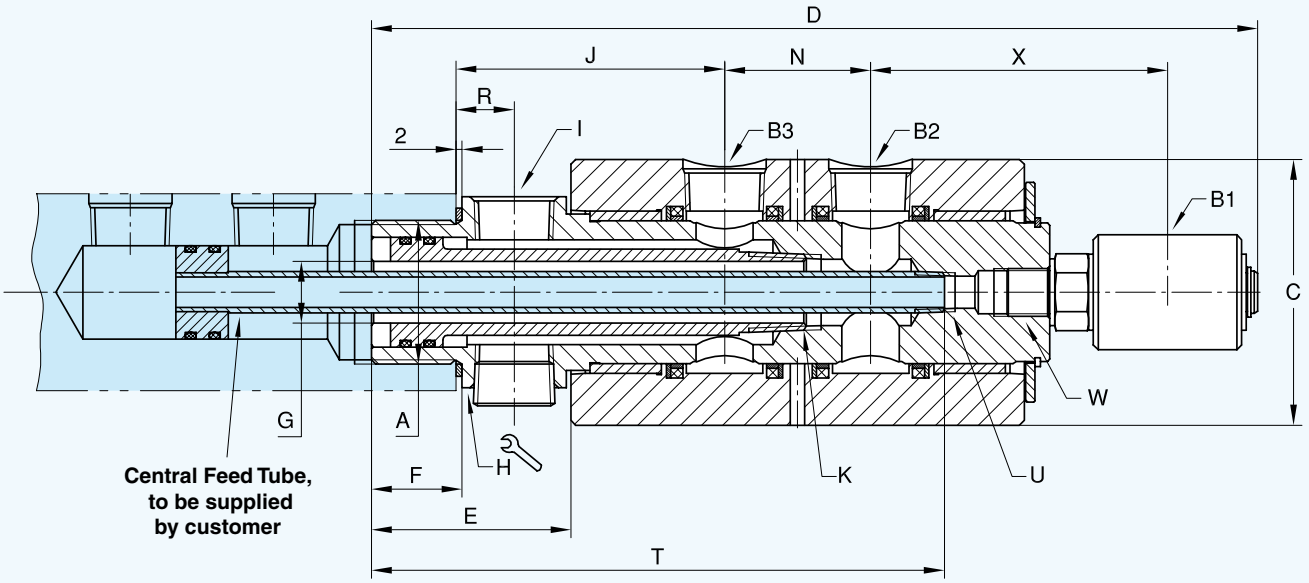
Duoflow Rotating Union



DN	B NPT	Ordering No.	A Rotor Connections		C ø	D	E	F	G ø	H	I NPT	J	K NPT	N	R	S	kg
2 x 8	2 x 1/4	1690-000-168	G 1	RH	66,4	150	55,5	18	8	46	1/4	68	1/4	29,5	19	-	1,6
	2 x 1/4	1690-000-105*	G 1	RH	66,4	150	55,5	18	17,5	46	1/4	68	1/4	29,5	19	97,4	1,6
2 x 15	2 x 1/2	1790-001-114	G 1 1/4	RH	76	208	63	28	16	55	1/2	85	1/2	42	18	-	3,1
	2 x 1/2	1790-001-112*	G 1 1/4	RH	76	208	63	28	27	55	1/2	85	1/2	42	18	133,2	3,1
2 x 20	2 x 3/4	1890-060	G 1 1/2	RH	88,5	226	66	30	20,6	65	3/4	89	3/4	49	19,5	-	4,4
	2 x 3/4	1890-063*	G 1 1/2	RH	88,5	226	66	30	34,9	65	3/4	89	3/4	49	19,5	149,4	4,2

* These models are delivered without inner rotors.

Triple Passage Rotating Union



DN	B1 x B2 x B3 NPT	Ordering No.	A Rotor Connect.		C ø	D	E	F	G ø	H	I NPT	J	K NPT	N	R	T	U NPT	W	X	kg
8/15/20	1/4 x 3/4 x 3/4	1890-064	G 1 1/2	RH	88,5	293	67	30	20,6	65	3/4	89	3/4	48,5	19,5	190	1/4	5/8-18 UNF RH	98	4,7