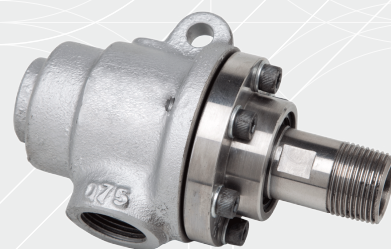




N Series

ROTATING UNIONS

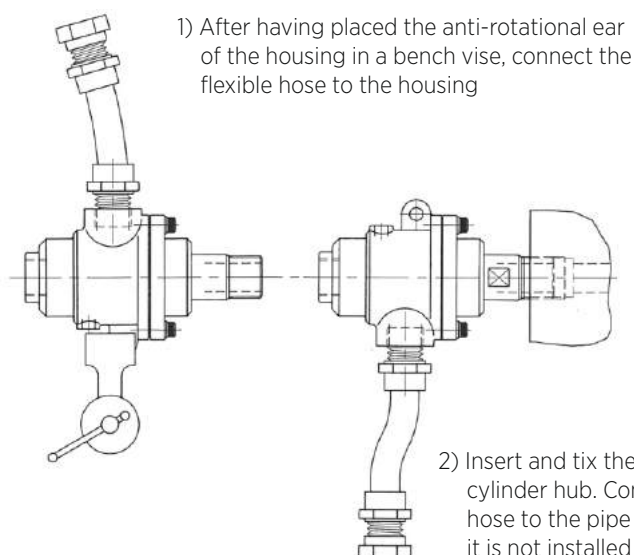
**STEAM****WATER****HOT OIL**

- ✓ For steam, water and hot oil
- ✓ For high speed
- ✓ Carbon-graphite bearings
- ✓ High resistance
- ✓ Range size from 1/4" to 2"1/2
- ✓ Max pressure 35 bar

Rotating unions are mechanical devices used to transfer a heating or cooling, fluid or gas from a fixed piping to a rotating part, whether a rotating drum or cylinder, of an industrial application.

The N series is supported by 2 carbon-graphite bearings, for use with steam, water and diathermic oils at temperatures of up to 316 °C. The treated carbon-graphite is suitable for spherical sealing; the seal is perfect and maintenance is quick and easy. The union is self-support by means of two graphite bearings amply spaced out. Seal ring is made of impregnated graphite and works in compression (the compression strength of graphite is approx 5 times greater than the corresponding tension strength). The standard supply provides the rotating nipple threaded BSP UNI 338/66 (cylindrical) right or left. N series of rotating unions is available in sizes ranging from 1/4" to 2"1/2.

INSTALLATION INSTRUCTIONS NB-NF-NR



FLEXIBLE HOSE			
Nominal pipe size		Recommended min length	
Inches	mm	Inches	mm
3/8"	10	11,81	300
1/2"	12	11,81	300
3/4"	20	11,81	300
1"	25	14,57	370
1 1/4"	32	17,72	450
1 1/2"	40	17,72	450
2"	50	20,87	530
2 1/2"	65	23,62	600
3"	80	26,77	680

TECHNICAL DATA

velocità (G/min)		A	B	C	D	E	F	G1	G2	H1	H2	K	L	M	N
N 075	2500 pn	137	82	90	75	26	19	1/8" BSP	1/4" BSP	-	12	14	11	40	40
		5,39	3,23	3,54	2,95	1,02	0,75	1/8" NPT	1/4" NPT	0,35	0,47	0,55	0,43	1,58	1,58
N 100	2000 pn	163	99	108	85	32,5	24	1/4" BSP	3/8" BSP	-	16	14	11	49	48
		6,42	3,90	4,25	3,35	1,28	0,95	1/4" NPT	3/8" NPT	0,47	0,63	0,55	0,43	1,93	1,89
N 125	1500 pn	183	106	115	85	41,3	32	3/8" BSP	1/2" BSP	-	20	14	12,5	50	60
		7,21	4,17	4,53	3,35	1,63	1,26	3/8" NPT	1/2" NPT	0,63	0,79	0,55	0,49	1,97	2,36
N 150	1250 pn	200	119	134	100	47,5	38	1/2" BSP	3/4" BSP	-	25	18	12,5	55	63
		7,87	4,69	5,28	3,94	1,87	1,50	1/2" NPT	3/4" NPT	0,79	0,98	0,71	0,49	2,17	2,48
N 200	1000 pn	236	135	155	125	59,1	49	3/4" BSP	1" BSP	-	32	18	16	62	75
		9,29	5,32	6,10	4,92	2,33	1,93	3/4" NPT	1" NPT	0,98	1,26	0,71	0,63	2,44	2,95
N 250	770 pn	271	152	175	125	72,2	62	1" BSP	1 1/4" BSP	-	40	18	19	68,5	90
		10,67	5,98	6,89	4,92	2,84	2,44	1" NPT	1 1/4" NPT	1,26	1,58	0,71	0,75	2,70	3,54

	O max	P	Q	R	S max	T	U	V	Z	X	W	Y	A1	Ch
N 075	3/4" BSP	38	3/4" BSP	18	3/8" BSP	169	10	15	159	1	60	159	1/2" BSP	24
	3/4" NPT	1,50	3/4" NPT	0,71	3/8" NPT	6,65	0,39	0,59	6,26	0,04	2,36	6,34	1/2" NPT	-
N 100	1" BSP	46	1" BSP	18	1/2" BSP	202	12	17	187	1,5	60	187	3/4" BSP	30
	1" NPT	1,81	1" NPT	0,71	1/2" NPT	7,95	0,47	0,67	7,36	0,06	2,36	7,76	3/4" NPT	-
N 125	1 1/4" BSP	58	1 1/4" BSP	23	3/4" BSP	232	12	20	212	1,5	70	212	1" BSP	40
	1 1/4" NPT	2,28	1 1/4" NPT	0,91	3/4" NPT	9,13	0,47	0,79	8,35	0,06	2,76	8,74	1" NPT	-
N 150	1 1/2" BSP	60	1 1/2" BSP	24	1" BSP	256	14	25	231	2	70	231	1 1/4" BSP	46
	1 1/2" NPT	2,36	1 1/2" NPT	0,95	1" NPT	10,08	0,55	0,98	9,09	0,08	2,76	9,49	1 1/4" NPT	-
N 200	2" BSP	70	2" BSP	25	1 1/4" BSP	296	16	25	271	2	80	271	1 1/2" BSP	58
	2" NPT	2,76	2" NPT	0,98	1 1/4" NPT	11,65	0,63	0,98	10,67	0,08	3,15	11,06	1 1/2" NPT	-
N 250	2 1/2" BSP	81	2 1/2" BSP	32	1 1/2" BSP	337	18	28	307	2	90	307	2" BSP	73
	2 1/2" NPT	3,19	2 1/2" NPT	1,26	1 1/2" NPT	13,63	0,71	1,10	12,09	0,08	3,54	12,48	2" NPT	-

*Data are subject to technical change without notice



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