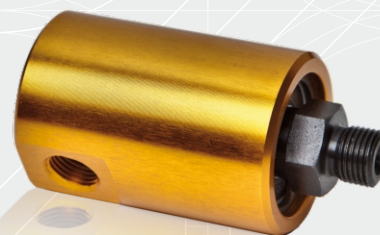




R Series

ROTATING UNIONS



AIR



VACUUM

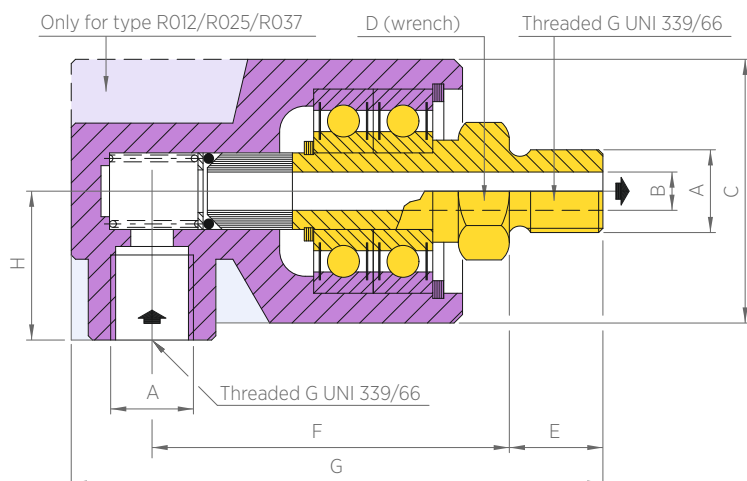
- ✓ For air and vacuum
- ✓ For high speed
- ✓ Range size from 1/8" to 1"
- ✓ Max speed 3000 rpm
- ✓ Max pressure 10,5 bar

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 R series is the most widely used solution for transferring the working pressure to pneumatic clutches and expanding shafts. Suitable for use at high speed, they rotate on two ball bearings. Available in sizes ranging from 1/8" to 1".

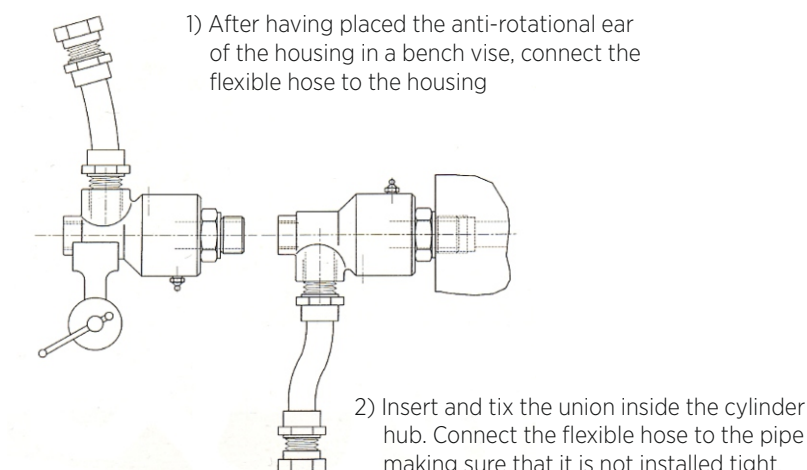
Type	size	pressure max		speed max (rpm)	temp. max	
		air	vacuum		air	vacuum
R 012	1/8"	10,5 bar	700 mm/Hg	3000	80° C	80° C
R 025	1/4"			2500		
R 037	3/8"			2000		
R 050	1/2"	150 psi	11,4 kPa	1500	176 F	176 F
R 075	3/4"			1000		
R 100	1"			500		

TECHNICAL DRAWING



- Fixed parts
- Rotating parts

INSTALLATION INSTRUCTIONS



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

TECHNICAL DATA

	A	B	C	D	E	F	G	H	weight
R 012	1/8" BSP	4,5	35	14	11	42	63	15	0,23 kg
	1/8" NPT	0,17	1,37	-	0,43	1,65	2,48	0,59	0,51 lb
R 025	1/4" BSP	7	40	17	14,5	50	76	17,5	0,30 kg
	1/4" NPT	0,27	1,57	-	0,57	1,96	2,99	0,68	0,66 lb
R 037	3/8" BSP	10	48	22	16	60	90	20,5	0,43 kg
	3/8" NPT	0,39	1,89	-	0,63	2,36	3,54	0,80	0,95 lb
R 050	1/2" BSP	12,5	50	27	18	80	111	30	0,75 kg
	1/2" NPT	0,49	1,96	-	0,70	3,15	4,37	1,18	1,65 lb
R 075	3/4" BSP	17	56	32	20	86	122	36	0,96 kg
	3/4" NPT	0,66	2,20	-	0,78	3,38	4,80	1,41	2,12 lb
R 100	1" BSP	22	65	41	23,5	98	138	40	1,4 kg
	1" NPT	0,86	2,55	-	0,92	3,85	5,43	1,57	3,09 lb

*Data are subject to technical change without notice



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