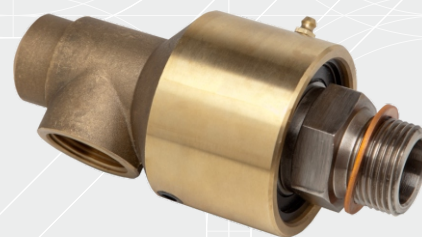




U Series

ROTATING UNIONS



AIR



WATER



OILS



FLUIDS

- ✓ For air, water, oils and fluids
- ✓ For high speed
- ✓ Graphite or silicon carbide seals
- ✓ High resistance
- ✓ Range size from 1/4" to 2"1/2
- ✓ Max speed 5000 rpm
- ✓ Max pressure 70 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.

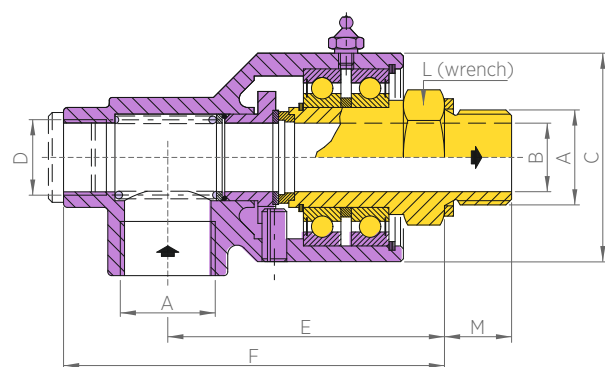
The U series is the most widely used version, supported by two ball bearings and available with graphite seals, for filtered air and water, or silicon carbide seals, for oil and water. They are provided with stainless steel spring, screened bearings and are available nickel plated versions.

The standard supply provides the rotating nipple threaded BSP UNI 338/66 (cylindrical) right or left.

The U series of rotating unions is available in one or two way versions and sizes ranging from 1/4" to 2" 1/2, with fixed or rotating siphon.

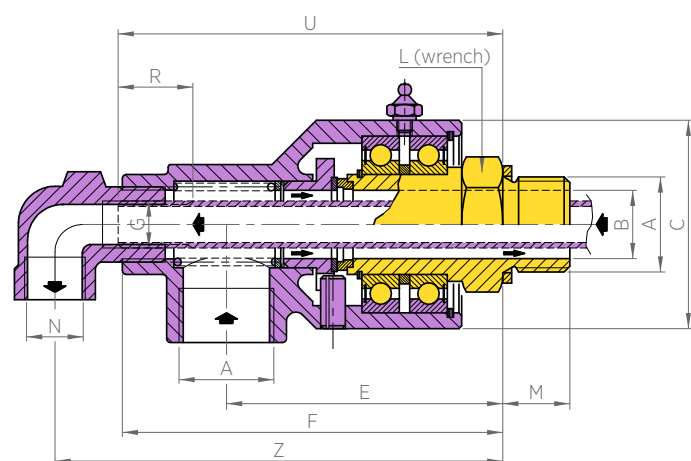
Type	weight		pressure max		speed max (rpm)	temp. max	
	kg	lb	air	fluids		air	fluids
U 025	0,4	0,88	12 bar 174 psi	70 bar 1015 psi	5000	80° C 176 F	110° C 230 F
U 037	0,6	1,32			3500		
U 050	0,8	1,76			3000		
U 075	1,1	2,43			2500		
U 100	1,9	4,19			2000		
U 125	3,2	7,05			1500		
U 150	3,9	8,60			1000		
U 200	5,3	11,68			800		
U 250	13	28,66			500		

TECHNICAL DRAWING - UM series single flow rotating unions



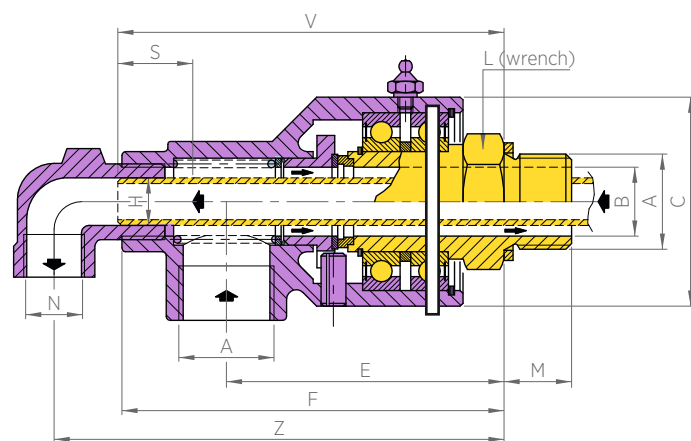
- Fixed parts
- Rotating parts

TECHNICAL DRAWING - UF series dual flow rotating unions (fixed siphon tube)

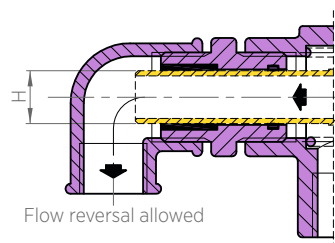


- Fixed parts
- Rotating parts

TECHNICAL DRAWING - UT series dual flow rotating unions (freely rotating siphon tube)



UT series dual flow rotating unions (rotating with sealing)



- Fixed parts
- Rotating parts

TECHNICAL DATA

	A	B	C	D	E	F	G		H	L	M	N	R	S	U	V	Z
U 025	1/4" BSP	6	36	-	60	74	-	-	-	17	14,5	-	-	-	-	-	-
	1/4" NPT	0,23	1,41	-	2,36	2,91			-	-	0,57	-	-	-	-	-	-
U 037	3/8" BSP	10	44	1/4" BSP	68	90	-	M8x1	6	22	16	1/8" BSP	15	40	105	95	122
	3/8" NPT	0,39	1,73	1/4" NPT	2,67	3,54			0,23	-	0,63	1/8" NPT	0,59	1,57	4,13	3,74	4,8
U 050	1/2" BSP	13	52	3/8" BSP	76	101	-	1/4"	9	27	18	1/4" BSP	15	40	100	105	134
	1/2" NPT	0,51	2,04	3/8" NPT	2,99	3,97			0,35	-	0,70	1/4" NPT	0,59	1,57	3,93	4,13	5,27
U 075	3/4" BSP	18	57	1/2" BSP	80	111	1/8"	1/4"	12	32	20	3/8" BSP	15	50	110	115	147
	3/4"NPT	0,70	2,24	1/2"NPT	3,15	4,37			0,47	-	0,78	3/8" NPT	0,59	1,96	4,33	4,52	5,78
U 100	1" BSP	24	73	3/4" BSP	97	134	1/4"	3/8"	16	41	23	1/2" BSP	15	50	130	165	174
	1" NPT	0,94	2,87	3/4" NPT	3,81	5,27			0,63	-	0,90	1/2" NPT	0,59	1,96	5,11	6,49	6,85
U 125	1"1/4 BSP	32	87	1" BSP	113	158	3/8"	1/2"	20	50	29	3/4" BSP	25	60	155	190	203
	1"1/4 NPT	1,26	3,42	1" NPT	4,44	6,22			0,78	-	1,14	3/4" NPT	0,98	2,36	6,10	7,48	7,99
U 150	1"1/2 BSP	38	94	1"1/4 BSP	117	166	1/2"	3/4"	25	55	31	1" BSP	25	60	165	200	222
	1"1/2 NPT	1,49	3,70	1"1/4 NPT	4,60	6,53			0,98	-	1,22	1" NPT	0,98	2,36	6,49	7,87	8,74
U 200	2" BSP	48	108	1"1/2 BSP	131	189	3/4"	1"	32	65	35	1"1/4 BSP	25	60	185	222	248
	2" NPT	1,89	4,25	1"1/2 NPT	5,15	7,44			1,26	-	1,37	1"1/4 NPT	0,98	2,36	7,28	8,74	9,76
U 250	2"1/2 BSP	62	140	2" BSP	200	280	1"	1"1/4	40	75	42	1"1/2 BSP	30	60	280	320	348
	2"1/2 NPT	2,44	5,51	2" NPT	7,87	11,02			1,57	-	1,65	1"1/2 NPT	1,18	2,36	11,02	12,59	13,7

*Data are subject to technical change without notice