



DEUBLIN

Rotary Union

Air or Hydraulic Oil Service, DN 6 – 40

- Monoflow design
- Self-supported Rotary Union
- Radial housing connection
- Balanced mechanical seal:
Carbon Graphite/hardened Tool Steel or
Carbon Graphite/Ceramic
- Felt oiler in seal cavity for air service
- Oiler for relubrication (3 – 5 drops/month)
- Low torque
- Weight optimised design
- Aluminium housing
- Stainless steel or steel rotor (respective of model)
- Lubrication guide see Instruction Manual

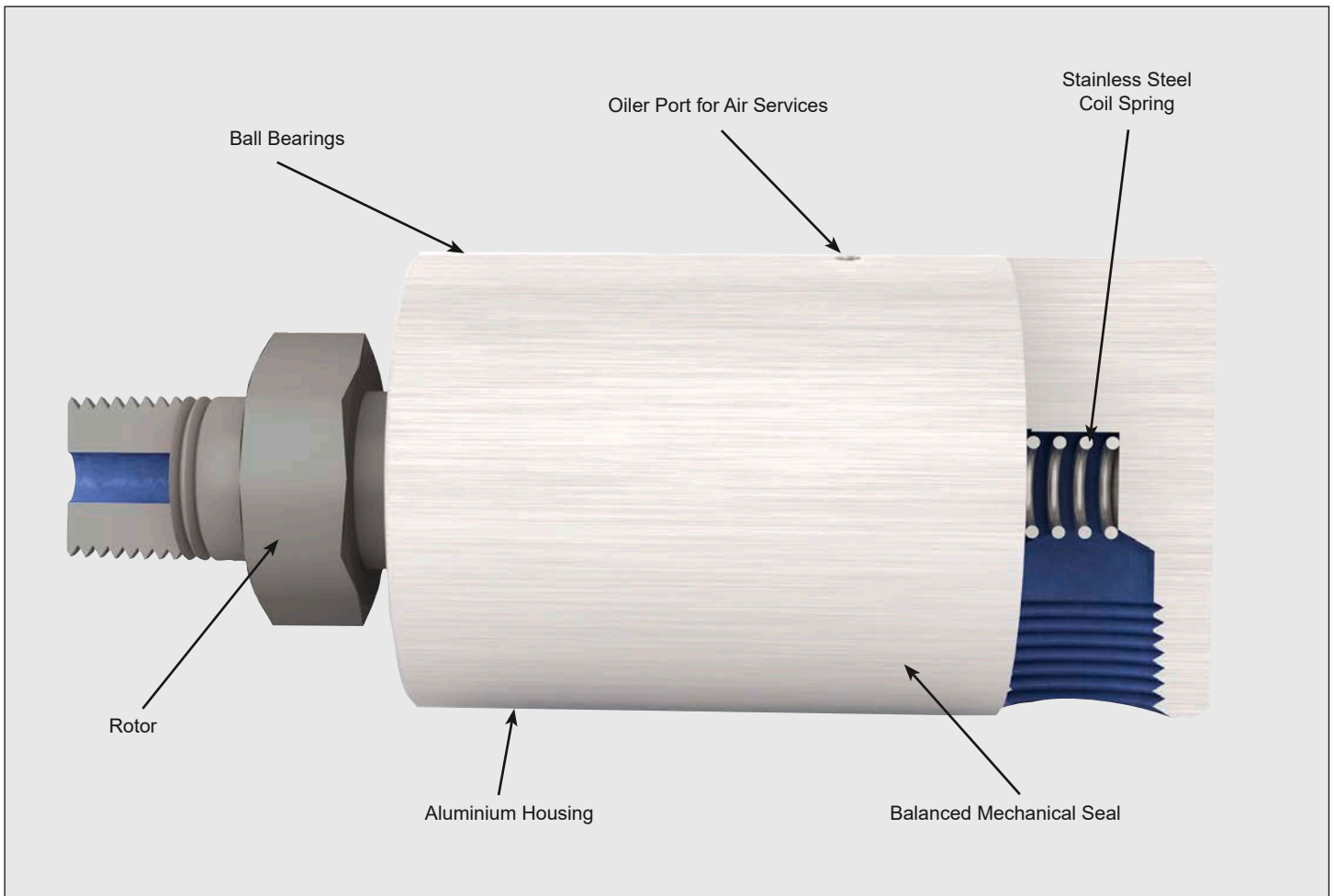
Operating Data

Max. Air Pressure		150 PSI	10 bar
Max. Vacuum		28" Hg	6,75 kPa
Max. Hydraulic Pressure	Model	1005	1,000 PSI
		1102	1,000 PSI
		1115	500 PSI
		1205	750 PSI
		250-094	1,000 PSI
Max. Speed Straight Threads	Model	1005-1205	3,500 rpm
		250-094	3,500 rpm
		355-021	3,000 rpm
		452-000	2,500 rpm
Max. Speed NPT Threads		1,500 rpm	1,500 min ⁻¹
		1,500 rpm	1,500 min ⁻¹
Max. Temperature		250 °F	121 °C

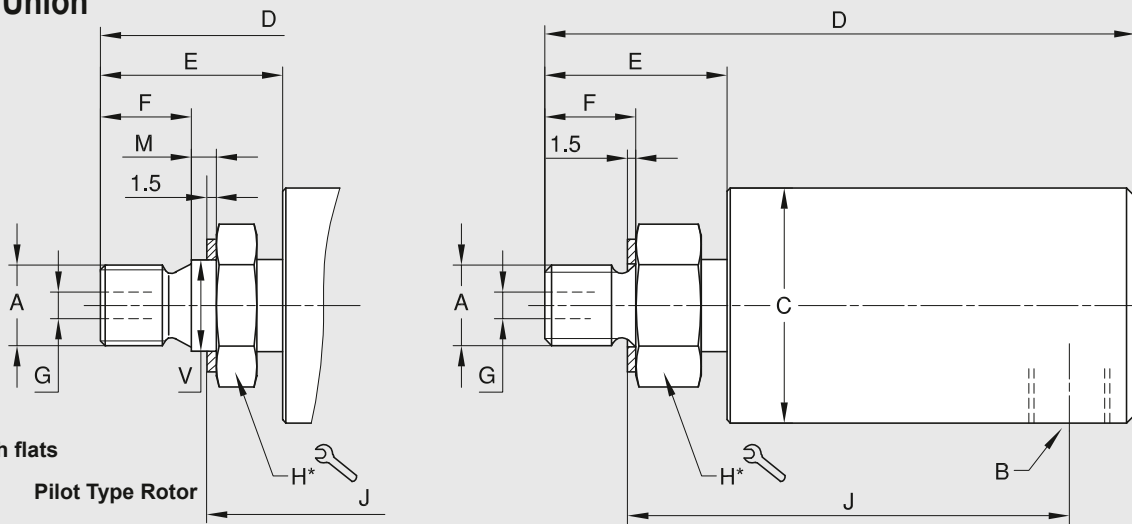
For higher temperature please consult Deublin.

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

For further information please contact Deublin or your local representative.



Monoflow Rotary Union



* DN 6 – 20 = hexagon
 DN 25 – 40 = two wrench flats

Pilot Type Rotor

DN	B NPT	Ordering-No	A Rotor Connections	C Ø	D	E	F	G Ø	H ⌀	J	M	V Ø	⊞ kg
6	-	1005-000-001	1/8 NPT (FEM)	28.37	73	26	-	3.2	-	-	-	-	0.2
	-	1005-000-038	1/8 NPT RH	28.37	70	22	12.7	3.2	17	-	-	-	0.2
	-	1005-000-049	G 1/4 RH	28.37	70	22	13	3.2	17	-	-	-	0.2
	1/8	1005-020-019	3/8-24 UNF RH	28.37	71	22	11.1	3.2	17	52	-	-	0.2
	1/8	1005-020-037	M 10 x 1 RH	28.37	71	22	11.1	3.2	17	54	-	-	0.2
	1/8	1005-020-038	1/8 NPT RH	28.37	71	22	12.7	3.2	17	59	-	-	0.2
	1/8	1005-020-039	3/8-24 UNF LH	28.37	71	22	11.1	3.2	17	52	-	-	0.2
	1/8	1005-020-045	M 10 x 1 RH	28.37	71	22	11	3.2	17	49	3	11.000 - 10.989	0.2
	1/8	1005-020-049	G 1/4 RH	28.37	71	22	13	3.2	17	52	-	-	0.2
8	1/8	1005-113-063	1/8 NPT RH	28.37	71	22	13	3.2	16	57	-	-	0.2
	1/8	1005-113-110	5/16-24 UNF	28.37	70	21	11	3	16	52	-	-	0.2
	1/4	1102-025-103	G 1/4 RH	41.07	90	28.3	12.7	6.4	22	-	-	-	0.4
	1/4	1102-070-029	5/8-18 UNF RH	41	80.8	28.4	16	6.4	22	55.4	-	-	0.4
	1/4	1102-070-079	5/8-18 UNF LH	41	80.8	28.4	16	6.4	22	55.4	-	-	0.4
	1/4	1102-070-081	1/4 NPT RH	41	80.9	28.6	16	6.4	22	62.5	-	-	0.4
	1/4	1102-070-082	1/4 NPT LH	41	80.9	28.6	16	6.4	22	62.5	-	-	0.4
10	1/4	1102-070-103	G 1/4 RH	41	81	28	13	6.4	22	58	-	-	0.4
	1/4	1102-070-104	G 1/4 LH	41	81	28	13	6.4	22	58	-	-	0.4
	3/8	1115-000-001	5/8-18 UNF RH	44	100	27	16	8.7	24	72	-	-	0.7
	3/8	1115-000-002	3/8 NPT RH	44	99	26	16	8.7	24	78	-	-	0.7
	3/8	1115-000-017	5/8-18 UNF LH	44	100	27	16	8.7	24	72	-	-	0.7
	3/8	1115-000-200	M 16 x 2 RH	44	99	26	16	8.7	24	71	-	-	0.7
15	3/8	1115-000-205	G 3/8 RH	44	100	27	16	8.7	24	72	-	-	0.7
	1/2	1115-130-002	3/8 NPT RH	43.74	100	27	16	8.7	24	-	-	-	0.7
	1/2	1115-130-205	G 3/8 RH	43.74	102.5	27	16	8.7	24	-	-	-	0.7
	1/2	1205-000-001	1-14 UNS RH	57	112	33	19	16	36	78	-	-	0.7
	1/2	1205-000-003	1/2 NPT RH	57	113	34	22	12.7	28	83.1	-	-	0.7
	1/2	1205-000-025	3/4-16 UNF LH	57	114	35	19	12.7	28	79	-	-	0.7
	1/2	1205-000-039	3/4-16 UNF RH	57	114	35	19	12.7	30	79	-	-	0.7
20	1/2	1205-000-151	G 1/2 RH	57	114	34	19	12.7	30	79	-	-	0.7
	1/2	1205-000-152	G 1/2 LH	57	114	34	19	12.7	30	79	-	-	0.7
	1/2	1205-000-170	M 20 x 1.5 RH	57	115	36	14	12.7	30	79	5	21.993 - 21.980	0.7
	3/4	250-094-002	1-14 UNS RH	73	127	34	17	16.7	32	93	-	-	1.6
	3/4	250-094-012	M 22 x 1.5 RH	73	124	31	14	14.3	36	95	3	26.993 - 26.980	1.6
	3/4	250-094-016	1-14 UNS RH	73	148	54	19.1	15.9	41	101	12.7	31.700 - 31.687	1.6
25	3/4	250-094-020	3/4 NPT RH	73	130	36.5	22	17.4	32	103	-	-	1.6
	3/4	250-094-284	G 3/4 RH	73	128	34	19	17.5	36	94	-	-	1.6
	3/4	250-094-285	G 3/4 LH	73	128	34	19	17.5	36	94	-	-	1.6
	1	355-021-002	1 NPT RH	82	157	49	28.6	25.4	38	117.3	-	-	2.1
	1	355-021-016	1 1/2-12 UNF RH	82	167	59	19.1	25	38	107.8	12.7	39.649 - 39.637	2.1
40	1	355-021-017	1 1/2-12 UNF LH	82	167	59	19.1	25	38	107.8	12.7	39.649 - 39.637	2.1
	1	355-021-019	1 1/2-12 UNF RH	82	156	48	27	25.4	38	107.2	-	-	2.1
	1	355-021-222	G 1 RH	82	151	42	22	25	36	108	-	-	2.1
40	1 1/2	452-000-001	1 1/2 NPT RH	108	196	62	30	38	54	144	-	-	4.5
	1 1/2	452-000-198	G 1 1/2 RH	108	206	71	29	38	55	147	-	-	4.5
	1 1/2	452-000-395	2-12 UNF RH	108	208	74	29	38	55	148	-	-	4.5