

DEUBLIN

Rotating Union 14000 Series for Air and Hydraulic Oil Service, DN 10 - 50

- monoflow design
- self-supported rotating union or in-the-shaft mounted
- balanced mechanical seal
  Carbon Graphite/Ceramic - for air service;
  Tungsten Carbide/Ceramic - for hydraulic service
- axial or radial housing connection by means of elbow
- lubrication storage within the seal cavity for air service
- heavy-duty design
- steel housing
- stainless steel rotor
- full-media flow

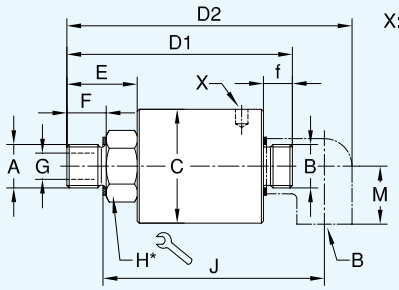
For further information please contact ***DEUBLIN*** or your local representative.

Operating Data

Max. Air Pressure		150 PSI	10 bar
Max. Vacuum		2" Hg	7 kPa
Max. Hydraulic Pressure*	(DN 10-20)	870 PSI	60 bar
	(DN 25-40)	580 PSI	40 bar
Max. Speed*	(DN 10-40)	1,500 RPM	1.500 min^{-1}
	(DN 50)	750 RPM	750 min^{-1}
Max. Temperature	120 °C	> 120 °C consult ***DEUBLIN***	

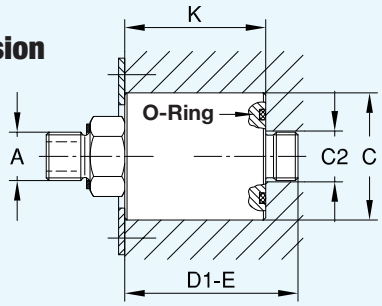
Recommended filtration of Hydraulic Oil: 5 µm
* Operation at max. pressure combined with max. speed is not permissible

Axial Version



X: Hole for Spanner Wrench as per DIN 1810, for sizes see table below.

In-the-Shaft Mounted Version



How to Order: **Type a:** 14037-03-094, straight-through version
Type b: 14037-03-094-118, with elbow
Type c: 14037-03-094-120, in-the-shaft mounted version
Type d: 14037-03-094-121, with elbow and O-ring.

* **DN 10 - 20 = hexagon**
DN 25 - 50 = two wrench flats

DN	B	Ordering No. Type a for Air CG/C with lubricator	Ordering No. Type a for Hydr. Oil TC/C	Type b	Type c	Type d	A Rotor Connections		C^{E9}_{h8} ø	C_2 ø	D_1	D_2	E	F	f	G ø	H	J	K -0,25	M	X ø Size	kg
10	G 3/8	14037-03-094	14037-04-192	-118	-120	-121	G 3/8	RH	42	18	93	119	26	16	12	9,5	22	93	54,5	25	4 40/42	0,5
	G 3/8	14037-03-095	14037-04-193				G 3/8	LH	42	18	93	119	26	16	12	9,5	22	93	54,5	25	4 40/42	0,5
15	G 1/2	14050-03-151	14050-04-154	-118	-120	-121	G 1/2	RH	55	22	109	138	34	19	14	12,7	30	107	60,5	28	6 52/55	1
	G 1/2	14050-03-152	14050-04-160				G 1/2	LH	55	22	109	138	34	19	14	12,7	30	107	60,5	28	6 52/55	1
20	G 3/4	14075-03-284	14075-04-447	-118	-120	-121	G 3/4	RH	63	28	122	158	34	19	16	17,5	36	124	71,5	33	6 58/62	1,7
	G 3/4	14075-03-285	14075-04-448				G 3/4	LH	63	28	122	158	34	19	16	17,5	36	124	71,5	33	6 58/62	1,7
	G 3/4	14075-03-458	14075-04-936	-118	-120	-121	M27 x 1,5	RH	63	28	123	159	35	15	16	17,5	36	121	71,5	33	6 58/62	1,7
	G 3/4	14075-03-459	14075-04-937				M27 x 1,5	LH	63	28	123	159	35	15	16	17,5	36	121	71,5	33	6 58/62	1,7
	G 3/4	14075-03-014	14075-04-451	-118	-120	-121	M 35 x 1,5	RH	63	28	126	161	38	15	16	17,5	41	131	71,5	33	6 58/62	1,7
	G 3/4	14075-03-015	14075-04-452				M 35 x 1,5	LH	63	28	126	161	38	15	16	17,5	41	131	71,5	33	6 58/62	1,7
25	G 1	14100-03-222	14100-04-378	-118	-120	-121	G 1	RH	80	35	138	181	41	22	18	25	36	140	78,5	38	6 80/90	2,4
	G 1	14100-03-223	14100-04-379				G 1	LH	80	35	138	181	41	22	18	25	36	140	78,5	38	6 80/90	2,4
	G 1	14100-03-235	14100-04-381	-118	-120	-121	M 35 x 1,5	RH	80	35	132	175	35	15	18	25	36	141	78,5	38	6 80/90	2,4
	G 1	14100-03-236	14100-04-382				M 35 x 1,5	LH	80	35	132	175	35	15	18	25	36	141	78,5	38	6 80/90	2,4
32	G 1 1/4	14125-03-054	14125-04-128	-118	-120	-121	G 1 1/4	RH	90	43	153	205	55	28	20	31,8	46	155	77,5	45	6 80/90	3,3
	G 1 1/4	14125-03-055	14125-04-129				G 1 1/4	LH	90	43	153	205	55	28	20	31,8	46	155	77,5	45	6 80/90	3,3
40	G 1 1/2	14150-03-198	14150-04-288	-118	-120	-121	G 1 1/2	RH	90	49	184	243	72	29	22	38	55	187	89,5	50	6 80/90	4
	G 1 1/2	14150-03-199	14150-04-289				G 1 1/2	LH	90	49	184	243	72	29	22	38	55	187	89,5	50	6 80/90	4
	G 1 1/2	14150-03-200	14150-04-418	-118	-120	-121	M 50 x 1,5	RH	90	49	177	236	65	23	22	38	55	187	89,5	50	6 80/90	4
	G 1 1/2	14150-03-201	14150-04-419				M 50 x 1,5	LH	90	49	177	236	65	23	22	38	55	187	89,5	50	6 80/90	4
50	G 2	14200-03-124	---	-118	-120	-121	G 2	RH	110	61	205	275	65	29	25	47,6	60	213	114,5	58	10 110/115	6
	G 2	14200-03-125	---				G 2	LH	110	61	205	275	65	29	25	47,6	60	213	114,5	58	10 110/115	6