

# DEUBLIN

## Rotary Union 54 Series

### Stainless Steel for Water Service, DN 10 - 40

- Monoflow and duoflow design
- Self-supported Rotary Union
- Radial or axial housing connection
- Media contacting parts made of stainless steel
- Suitable for the food, chemical & pharmaceutical industries
- Full-media flow
- Seal combination:  
Tungsten Carbide/Ceramic

For further information please contact Deublin or your local representative.



### Operating Data

Max. Water Pressure and Max. Speed	see Diagram on page 16	
Max. Speed NPT Threads	1.500 rpm	1.500 min <sup>-1</sup>
Max. Temperature	160 °F	71 °C

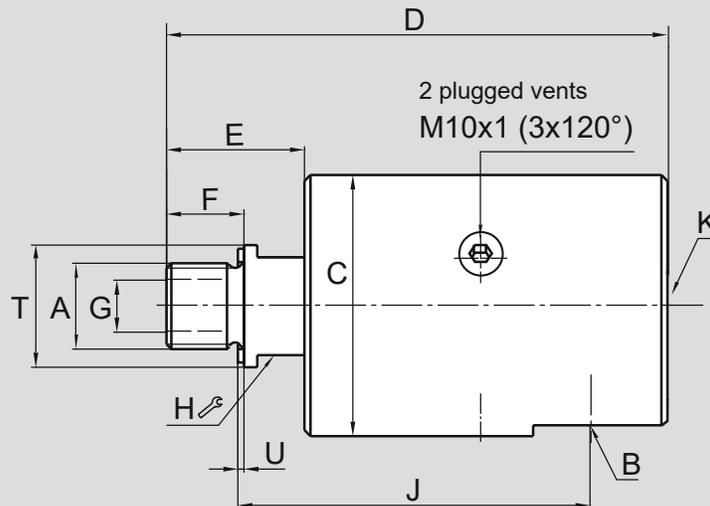
For higher temperature please consult Deublin.

Temperature > 71 °C / 160 °F – max. 90 °C / 194 °F only if max. pressure ≤ 10 bar (150 PSI) and media is liquid (not gaseous).

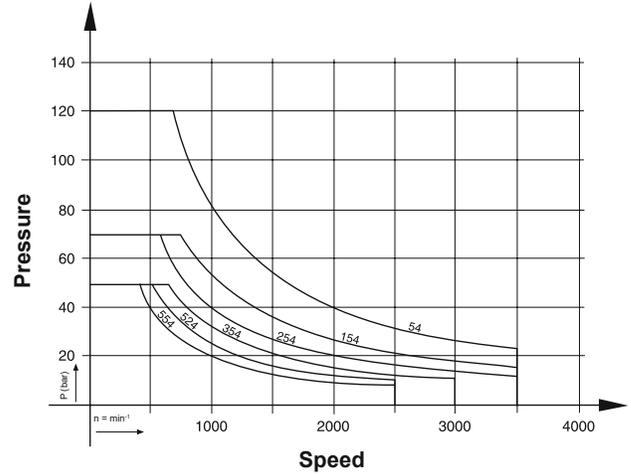


DO NOT RUN DRY

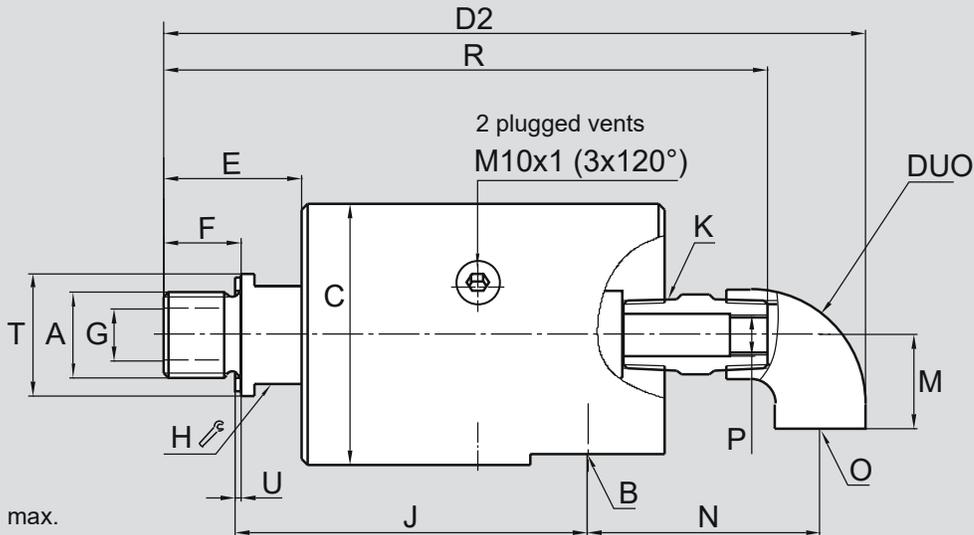
### Monoflow Rotary Union



DN	B	Ordering-No	A Rotor Connections		C Ø	D	E	F	G Ø	H ⌀	J	K	T Øh11	U	kg
10	G 3/8	54-020-110	G 3/8	RH	49	101	26	16	9.5	19	72	G 3/8	22	1.6	1.1
	G 3/8	54-020-112	3/8 NPT	RH	49	103	28	16	9.5	19	81	G 3/8	22	–	1.1
15	G 1/2	154-020-110	G 1/2	RH	64	123	34	19	12.7	24	89	G 3/8	30	1.6	1.8
	G 1/2	154-020-112	1/2 NPT	RH	64	123	34	19	12.7	24	96	G 3/8	30	–	1.8
20	G 3/4	254-020-110	G 3/4	RH	73	138	36.7	19	17.5	30	97	G 3/4	35	1.6	2.6
	G 3/4	254-020-112	3/4 NPT	RH	73	136	34.6	19	17.5	30	102	G 3/4	35	–	2.6
25	G 1	354-020-110	G 1	RH	94	162	43.5	22	25	36	116	G 3/4	45	1.6	5.1
	G 1	354-020-112	1 NPT	RH	94	162	44	22	25	36	124	G 3/4	45	–	5.1
32	G 1	524-020-110	G 1 1/4	RH	99	182	54.5	27	31.8	41	123	G 1 1/4	50	1.6	6
40	G 1 1/4	554-020-110	G 1 1/2	RH	108	200	58	29	35	50	135	G 1 1/4	60	1.6	8.2
	G 1 1/4	554-020-112	1 1/2 NPT	RH	108	199	57	30	35	50	147	G 1 1/4	60	–	8.2



**Monoflow Rotary Union + Elbow = Duoflow Rotary Union**



**Note:** 1,000 RPM max.  
for Duoflow

**Monoflow Rotary Union + Elbow = Duoflow Rotary Union**

DN	Ordering-No Monoflow Union	Ordering-No Elbow	D2	M	N	O	P	R	kg
10	54-020-110	54-150	154	23	57	G 3/8	M6	128	1.3
	54-020-112	54-150	156	23	57	G 3/8	M6	130	1.3
15	154-020-110	154-150	176	23	59	G 3/8	G 1/8	150	2.1
	154-020-112	154-150	176	23	59	G 3/8	G 1/8	150	2.1
20	254-020-110	254-150	216	33	85	G 3/4	G 1/4	176	2.8
	254-020-112	254-150	214	33	85	G 3/4	G 1/4	174	2.8
25	354-020-110	354-150	240	33	87	G 3/4	G 3/8	200	5.3
	354-020-112	354-150	240	33	87	G 3/4	G 3/8	200	5.3
32	524-020-110	524-150	290	45	118	G 1 1/4	G 1/2	234	6.3
40	554-020-110	554-150	308	45	120	G 1 1/4	G 3/4	251	8.6
	554-020-112	554-150	307	45	120	G 1 1/4	G 3/4	250	8.6