

# ROTOCLAMP INSIDE N STANDARD



Size	D1 opened rated pressure  Pn = 4 bar or 6 bar	Required shaft diameter	D2	D3	B	E	F	n Number of fixing screws	a	t1	t2	Elastic holding torque Pn = 0 bar  at 6 bar	Elastic holding torque Pn = 6 bar  Booster at 6 bar	Elastic holding torque Pn = 0 bar  at4 bar	Elastic holding torque Pn = 4 bar  Booster at 4 bar	Mass max.	Air requirement per stroke max.
Unit	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	Quantity	[mm]	[°]	[°]	[Nm]	[Nm]	[Nm]	[Nm]	[kg]	[mL]
Tolerance	+0.04/+0.06	-0,01/-0.025	± 0.1		+0.4												
Roundness	0.01	0,01															
Surface finish	R <sub>a</sub> 0.8 μm	R <sub>a</sub> 0.8 μm															
RC 100 N	100	100	210	228	16	103	103	12xM6	4	40	20	240	420	168	294	4.2	60
RC 120 N	120	120	230	248	16	113	113	12xM6	4	40	20	336	600	235	420	4.6	60
RC 140 N	140	140	250	268	16	123	123	12xM6	4	40	20	456	840	319	588	5.1	60
RC 160 N	160	160	270	288	16	133	133	12xM6	4	40	20	600	1080	420	756	5.6	60
RC 180 N	180	180	290	308	20	137	143	12xM6	6	30	15	750	1380	525	966	7.7	60
Tolerance	+0.05/+0.07	-0,01/-0.03	± 0.2		+0.4												
Roundness	0.01	0.01															
Surface finish	R <sub>a</sub> 0.8 μm	R <sub>a</sub> 0.8 μm															
RC 200 N	200	200	310	328	20	147	153	16xM6	6	30	15	930	1680	651	1176	8.3	90
RC 220 N	220	220	330	348	20	157	163	16xM6	6	30	15	1110	2040	777	1428	8.9	90
RC 240 N	240	240	350	368	20	167	173	24xM6	6	20	10	1350	2400	945	1680	9.5	90
RC 260 N	260	260	370	388	22	177	183	24xM6	6	20	10	1560	28200	1092	1974	11.2	120
RC 280 N	280	280	390	408	22	187	193	24xM6	6	20	10	1800	3240	1260	2268	11.9	120
RC 300 N	300	300	410	428	22	197	203	24xM6	6	20	10	2100	3720	1470	2604	12.6	120
RC 320 N	320	320	430	458	22	207	213	24xM6	6	20	10	2340	4200	1638	2040	13.3	120
RC 340 N	340	340	450	478	22	217	213	24xM6	6	20	10	2580	4680	1806	3276	14	120

When ordering, please specify »4 bar« or »6 bar« and »with or without booster«. Technical data applies to RotoClamp Inside N Standard. Holding torque for tandem version: Values factor 1.8. Subject to changes and errors, the respective written order confirmation applies.

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