

Actuator Dimensions

MULTI-TURN ACTUATOR c-matic

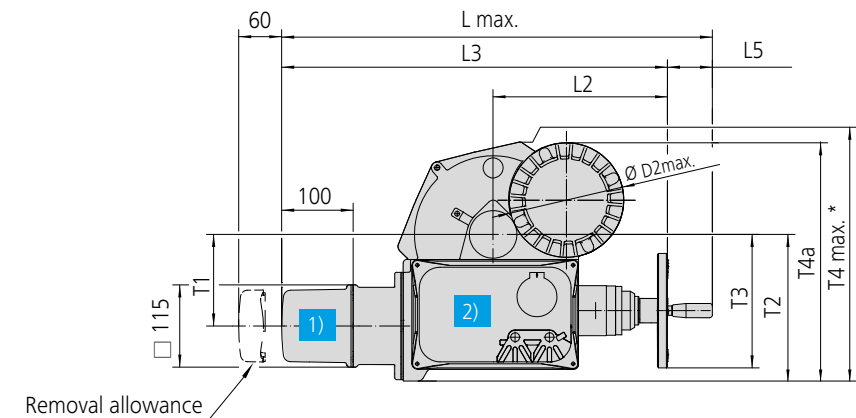
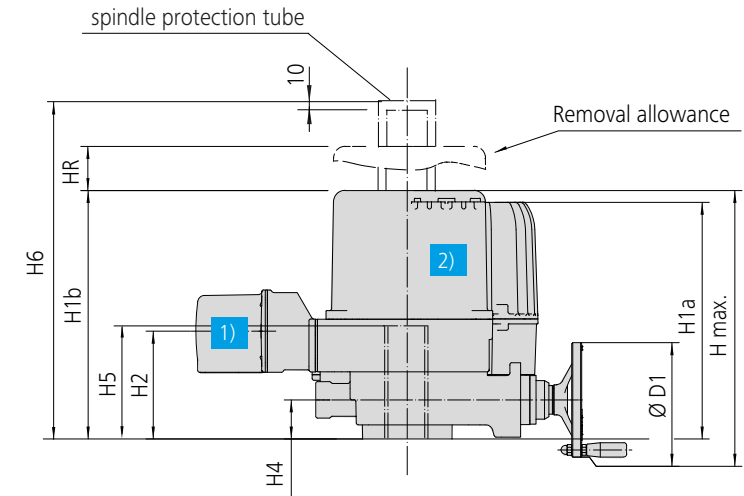


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Actuator Models DMC, DMCR	30	59	60	120	249	250	500	1000	2000
Weight [kg]	23	25	29,5	33,5	33,5	69,5	80,5	90,5	190
Dimensions [mm]									
L max.	574	574	602	608	608	661	733	733	815
T4 max.	287	287	313	360	360	455	530	580	757
H max.	361	361	373	418	418	570	692	745	881
D1	Ø160	Ø160	Ø160	Ø250	Ø250	Ø250	Ø400	Ø500	Ø500
D2 max.	Ø127	Ø127	Ø160	Ø160	Ø160	Ø245	Ø245	Ø245	Ø245
H1a	280	280	331	331	331	492	542	542	730
H1b	330	330	348	348	348	418	418	418	485
H2	131	131	151	151	151	200	200	200	267
H4	49	49	55	55	55	69	69	69	125
H5	140	140	160	160	160	210	210	210	169
H6	250	250	270	270	270	452	452	452	500
	352	352	372	372	372	702	702	702	-
	452	452	472	472	472	952	952	952	-
	552	552	572	572	572	-	-	-	-
	652	652	672	672	672	-	-	-	-
HR	185	185	185	185	205	205	205	205	205
L2	209	209	244	232	232	264	311	311	348
L3	511	511	540	528	528	582	629	629	710
L5	63	63	63	80	80	80	105	105	105
T1	104	104	128	128	128	129	129	129	203
T2	179	179	205	205	205	214	214	214	294
T3	178	178	187	232	232	260	335	385	450
T4a	287	287	334	334	334	412	412	412	601
MC-unit 2)	233 x 153 x 180 (L x T x H)					245 x 170 x 200 (L x T x H)			

1) Electrical connection size "5" as standard. Options available, refer to page 3.

2) Housing cover for switch/sensor and control unit compartment.



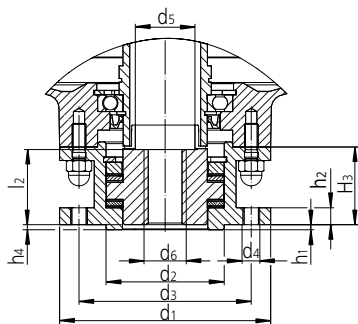
* Depending on the device, the outer dimension is either defined by handwheel or housing.

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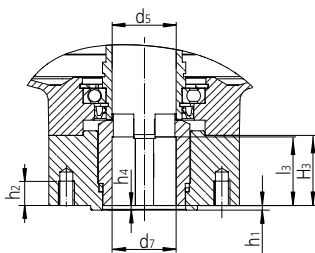
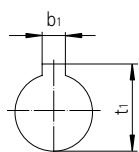
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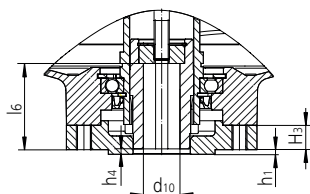
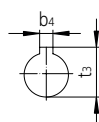
Output drive form
A Stem nut for
rising spindle



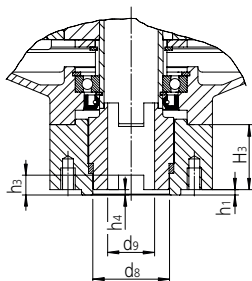
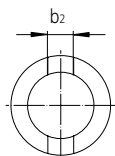
Output drive form
B1, B2, B
Plug bush for
rising spindle *



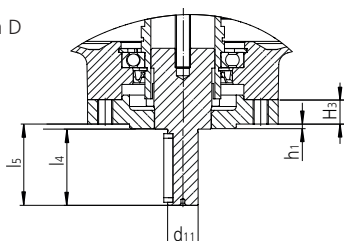
Output drive
form B3, B4,
E *



Output drive form C
claw coupling *



Output drive form D
shaft extension *



Actuator DMC		30	59	60 120	249	250 500	1000	2000
Actuator DMCR		30	59	60 120		250 500	1000	
size	DIN EN ISO 5210	F07	F10	F10	F14	F14	F16	F25
	DIN 3210	-	G0	G0	G1/2	G1/2	G3	-
Dimensions [mm]								
d ₁	FORM A	90	125	125	175	175	210	350
d ₂₁₈	DIN EN ISO 5210	55	70	70	100	100	130	200
	DIN 3210	-	60	60	100	100	130	-
d ₃		70	102	102	140	140	165	254
d ₄	4 x	M8	M10	M10	M16	M16	M20	8 x M16
d ₅		26	30	40.5	40.5	52.5	65.5	85
d _{6 max}		24	28	40	40	52	65	85
h ₁ = h ₄		3	3	3	4	4	5	5
h ₂		12	16	16	22	23	35	24
H ₃		36	42	46	58	56	70	130
l ₁		34	41	40	54	54	68.5	130

b_1^{159}	FORM B1, B	8	12	12	18	18	22	28
d_3		26	30	40.5	40.5	52.5	65.5	85
d_j^{119}	B1, B	28	42	42	60	60	80	100
d_j^{max}	B2,B	28	42	42	60	65	80	100
H_3		36	46	46	70	66	81	130
$h_i = h_4$		3	3	3	4	4	5	5
t_i	FORM B1, B	31.3	45.3	45.3	64.4	64.4	85.5	106.4

* missing dimensions see form A

b_4^{59}	FORM B3, E	5	6	6	8	8	12	14
d_{10}^{H9}	B3, E	16	20	20	30	30	40	50
d_{10}^{max}	B4, E	16	20	30	30	40	50	50
H_3		18	17	16	22	23	28	30
$h_1 = h_2$		3	3	3	4	4	5	5
l_6		41	56	56	79	79	98	118
t_n	FORM B3, E	18.3	22.8	22.8	33.3	33.3	43.3	53.8

* missing dimensions see form A

b ₂ ^{H11}	FORM C	14	14	14	20	20	24	30
d ₈		42	54	54	80	85	110	139.9
d ₉		26	28	28	38	38	47	85
H ₃		36	46	46	70	66	81	130
h _i = h _d		3	3	3	4	4	5	5
h ₃		11	11	11	14	14	17	16

* missing dimensions see form A

b3 ₁₉	FORM D	5	6	6	8	8	12	-
d ₁₁		16	20	20	30	30	40	-
H3		18	17	16	22	23	28	30
h ₁		3	3	3	4	4	5	5
l ₄		40	50	50	70	70	90	-
l ₅		45	55	55	76	76	96	-
t ₁		18	22.5	22.5	33	33	43	-

* missing dimensions see form A

Dimensions electrical connections

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