

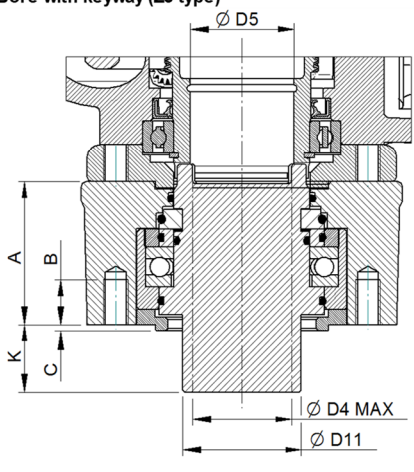
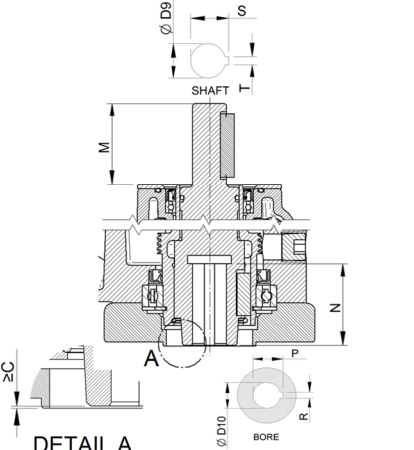
TITLE: MULTI-TURN ACTUATORS. OUTPUT DRIVES AND VALVE ATTACHEMENT
MODELS: CK, CKA, CKR, CKRA, CKC, CKRC

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Output drives	Dimensions	CK SERIES Multi-turn electric actuator models				
		CK30 CKR30	CK60 CKR60	CK120 CKR120	CK250 CKR250	CK500 CKR500
Stem nut (A type, thrust base) Type EN ISO 5210 A DIN 3210 A Arrangement of holes Z	ISO 5210	F07	F10	F10	F14	
	A	62	45	59,5	83	
	B	12	18	18	28	
	C	2,5	2,5	2,5	3	
	ØD1	130	130	130	191	
	ØD2	70	102	102	140	
	ØD3	55	70	70	100	
	ØD4	26	34	40	57	
	ØD5	42	42	42	59	
	n	4	4	4	4	
	Z	M8	M10	M10	M16	
	Weight (kg)	3,5	3	4	10,5	
	Dog coupling Missing dimensions refer to output drive A	B	15	15	15	24
C		4,5	4,5	3,5	3,5	
E		14	14	14	20	
G		9	9	10	13	
ØD7		54	54	54	85	
ØD8		42	42	42	60	
Weight (kg)		Weight included in actuator				
Missing dimensions refer to output drive A						
Bore with keyway (B type) EN ISO 5210 B1 = ØD10 EN ISO 5210 B2 ≤ dy Bore and keyway (b,d) dimensions, depend on Ø diameter, refer to DIN 6885 Missing dimensions refer to output drive A	B	12	15	15	24	
	C	12	4,5	3,5	3,5	
	H	40	40	40	65	
	Ø D10 H9	28	42	42	60	
	Ø dy H9	25	28	28	42	
	b JS9	8	12	12	18	
	d	31,3	45,5	45,5	64,4	
	Weight (kg)	Weight included in actuator				
	EN ISO 5210 B1 = ØD10 EN ISO 5210 B2 ≤ dy Bore and keyway (b,d) dimensions, depend on Ø diameter, refer to DIN 6885 Missing dimensions refer to output drive A					
	Drive (plug) sleeve (B type) EN ISO 5210 B3 = ØD9 EN ISO 5210 B4 ≤ dy Bore and keyway (b,d) dimensions, depend on Ø diameter, refer to DIN 6885 Missing dimensions refer to output drive A	B	12	15	15	24
C		5,5	3,5	3,5	3,5	
H		46	40	40	65	
Ø D9 H9		16	20	20	30	
Ø dy H9		25	28	28	42	
b JS9		5	6	6	8	
d		18,3	22,8	22,8	33,3	
Weight (kg)		0,4	0,4	0,4	1,3	
EN ISO 5210 B3 = ØD9 EN ISO 5210 B4 ≤ dy Bore and keyway (b,d) dimensions, depend on Ø diameter, refer to DIN 6885 Missing dimensions refer to output drive A						

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Output drives according to EN ISO 5210. Dimensions, in millimeters. Keyway dimensions according to DIN6885.

Output drives	Dimensions	CK SERIES Multi-turn electric actuator models				
		CK30 CKR30	CK60 CKR60	CK120 CKR120	CK250 CKR250	CK500 CKR500
 <p>Bore with keyway (Z3 type)</p>	A	60	42	57	80	
	B	12	18	18	28	
	C	2,5	2,5	2,5	3	
	K	30	40	40	64	
	Ø D4	26	34	40	57	
	Ø D5	42	42	42	59	
	Ø D11	34	43	48	76	
	Weight (kg)	3,8	3,1	4,1	12,2	
	Missing dimensions refer to output drive A					
	 <p>Drive Shaft (B3D type)</p>	M	48	48	59	59
N		48	48	58	58	
Ø D9		20	20	20	30	
Ø D10		20	20	20	30	
P		22,5	22,5	22,5	33	
R		6	6	6	8	
T		6	6	6	8	
S		22,8	22,8	22,8	33,5	
Weight (kg)		1,6	1,6	2,3	5,1	
Missing dimensions refer to output drive A						

All CK range actuators have a B1 output drive type as standard. B3 and B4 are available through the use of adapter sleeves designed to mate with the standard B1 coupling. The A type drive assembly is supplied as a self-contained cartridge assembly, facilitating quick removal and reassembly. Other valve attachments under request. Contact with Rotork