

**TITLE: TECHNICAL DATA MULTI-TURN ACTUATORS, ISOLATING RANGE S2-15 min. AC 50Hz THREE PHASE**  
**MODELS: CK, CKA, CKC**

Rotork Controls. All rights reserved. Subject to change without notice. Previous data sheets invalid with the issue of the latest data sheets. Due to production tolerance variation, the electrical values shown are averages compiled from Actuator production test data. Values are therefore provided for guidance only. Individual production tests are available on request (nominal load not included). Rotork Controls underwrite rated torque output only (specified tolerance -0/+10%)

Actuator model	Output speed (rpm)	Max. tripping torque (N.m)	Nominal torque (N.m)	Valve coupling Flange ISO 5210	Handwheel diameter (mm)	Handwheel ratio	Max allowable thrust -A type- ISO 5210	Valve spindle max diam -A type- (mm)	Aprox weight (kg)	
<b>CK30</b> <b>CKC30</b>	009	9	30	10	F10 (F07)	100	10:1	70 (40)	34 (26)	18,5
	012	12								
	018	18								
	024	24								
	036	36								
	048	48								
	072	72								
	096	96								
	144	144								
192	192	25	8,3							
<b>CK60</b> <b>CKC60</b>	009	9	60	20	F10 (F07)	100	10:1	70 (40)	34 (26)	18,5
	012	12								
	018	18								
	024	24								
	036	36								
	048	48								
	072	72								
	096	96								
	144	144								
192	192	50	16,7							
<b>CK120</b> <b>CKC120</b>	009	9	120	40	F10	132	10:1	70	40	27
	012	12								
	018	18								
	024	24								
	036	36								
	048	48								
	072	72								
	096	96								
	144	144								
192	192	100	33,3							
<b>CK250</b> <b>CKC250</b>	009	9	250	83,3	F14	220	10:1	160	57	48,5
	012	12								
	018	18								
	024	24								
	036	36								
	048	48								
	072	72								
	096	96								
	144	144								
192	192	200	66,7							
<b>CK500</b> <b>CKC500</b>	009	9	500	166,7	F14	220	20:1	160	57	48,5
	012	12								
	018	18								
	024	24								
	036	36								
	048	48								
	072	72								
	096	96								
	144	144								
192	192	400	133,3						59,5	

Isolating duty CK Standard and CKC actuators with centronik-atronik data valid for actuators with 3-phase AC motors operated with an S2 – 15 minutes duty rating, 60 starts/h.

Tripping torque adjustable for both directions, range [Max, min]

Actuators guaranteed self-locking up to 24 rpm included.

CK range, actuators require electric controls. CKC range actuators are fitted with centronik unit-atronik unit (integral control unit). Centronik unit-Atronik unit can also easily be mounted to the CK actuators at a later date.

Actuator weight rated for CK standard, with output drive B1 (Other types, see outputs datasheet). CKC units, add 9 kg for the centronik unit.

CKA units, add 6,5 kg for the atronik unit.

Actuator standard base according to ISO5210, MSS SP-102 base optional, under request.