

**TITLE: TECHNICAL DATA MULTI-TURN ACTUATORS, ISOLATING RANGE S2-15 min. AC 60Hz THREE PHASE**  
**MODELS: CK, 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>	011	11	<b>30</b>	10	F10 (F07)	100	10:1	70 (40)	34 (26)	18,5
	014	14								
	029	29								
	043	43								
	057	57								
	086	86								
	115	115								
	173	173								
	230	230								
	192	192	25	8,3						
<b>CK60</b> <b>CKC60</b>	011	11	<b>60</b>	20	F10 (F07)	100	10:1	70 (40)	34 (26)	18,5
	014	14								
	029	29								
	043	43								
	057	57								
	086	86								
	115	115								
	173	173								
	230	230								
	192	192	50	16,7						
<b>CK120</b> <b>CKC120</b>	011	11	<b>120</b>	40	F10	132	10:1	70	40	27
	014	14								
	029	29								
	043	43								
	057	57								
	086	86								
	115	115								
	173	173								
	230	230								
	192	192	100	33,3						
<b>CK250</b> <b>CKC250</b>	011	11	<b>250</b>	83,3	F14	220	10:1	160	57	48,5
	014	14								
	029	29								
	043	43								
	057	57								
	086	86								
	115	115								
	173	173								
	230	230								
	192	192	200	66,7						
<b>CK500</b> <b>CKC500</b>	011	11	<b>500</b>	166,7	F14	220	20:1	160	57	48,5
	014	14								
	029	29								
	043	43								
	057	57								
	086	86								
	115	115								
	173	173								
	230	230								
	192	192	400	133,3					59,5	

Isolating duty CK Standard and CKC actuators with centronik 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 (integral control unit). Centronik 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.

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