

TITLE: TECHNICAL DATA MULTI-TURN ACTUATORS, ISOLATING RANGE S2-30 min. AC 60Hz 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)	
CK30 CKC30	011	11	30	10	F10 (F07)	100	10:1	70 (40)	34 (26)	18,5
	014	14								
	021	21								
	029	29								
	043	43								
	057	57								
	086	86								
	115	115								
	173	173								
230	230	25	8,3							
CK60 CKC60	011	11	60	20	F10 (F07)	100	10:1	70 (40)	34 (26)	18,5
	014	14								
	021	21								
	029	29								
	043	43								
	057	57								
	086	86								
	115	115								
	173	173								
230	230	50	16,7							
CK120 CKC120	011	11	120	40	F10	132	10:1	70	40	27
	014	14								
	021	21								
	029	29								
	043	43								
	057	57								
	086	86								
	115	115								
	173	173								
230	230	100	33,3							
CK250 CKC250	011	11	250	83,3	F14	220	10:1	160	57	48,5
	014	14								
	021	21								
	029	29								
	043	43								
	057	57								
	086	86								
	115	115								
	173	173								
230	230	200	66,7							
CK500 CKC500	011	11	500	166,7	F14	220	20:1	160	57	48,5
	014	14								
	021	21								
	029	29								
	043	43								
	057	57								
	086	86								
	115	115								
	173	173								
230	230	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 – 30 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.