

TITLE: TECHNICAL DATA MULTI-TURN ACTUATORS, MODULATING RANGE S4-25% DUTY CYCLE. AC 60Hz
THREE PHASE
MODELS: CKR, CKRA, CKRC

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)	Maximum starts per hour
CKR30 CKRC30	011	11	30	F10 (F07)	100	10:1	70 (40)	34 (26)	18,5	600
	014	14								600
	021	21								600
	029	29								600
	043	43								600
	057	57								600
	086	86								600
	115	115								600
CKR60 CKRC60	011	11	60	F10 (F07)	100	10:1	70 (40)	34 (26)	18,5	600
	014	14								600
	021	21								600
	029	29								600
	043	43								600
	057	57								600
	086	86								600
	115	115								600
CKR120 CKRC120	011	11	120	F10	132	10:1	70	40	27	600
	014	14								600
	021	21								600
	029	29								600
	043	43								600
	057	57								600
	086	86								600
	115	115								600
CKR250 CKRC250	011	11	250	F14	220	10:1	160	57	48,5	600
	014	14								600
	021	21								600
	029	29								600
	043	43								600
	057	57								600
	086	86								400
	115	115								400
CKR500 CKRC500	011	11	500	F14	220	20:01	160	57	48,5	600
	014	14								600
	021	21								600
	029	29								600
	043	43								600
	057	57								600
	086	86								400
	115	115								400

Modulating CKR Standard and CKRC actuators with centronik-atronik data valid for actuators with 3-phase AC motors operated with an S4 – 25%.
 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). CKRC units, add 9 kg for the centronik unit.
 CKRA units, add 6,5 kg for the atronik unit.
 Actuator standard base according to ISO5210, MSS SP-102 base optional, under request.