

TITLE: TECHNICAL DATA MULTI-TURN ACTUATORS, MODULATING RANGE S4-25% DUTY CYCLE. AC 50HZ
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	009	9	30	F10 (F07)	100	10:1	70 (40)	34 (26)	18,5	600
	012	12								600
	018	18								600
	024	24								600
	036	36								600
	048	48								600
	072	72								600
096	96	600								
CKR60 CKRC60	009	9	60	F10 (F07)	100	10:1	70 (40)	34 (26)	18,5	600
	012	12								600
	018	18								600
	024	24								600
	036	36								600
	048	48								600
	072	72								600
096	96	600								
CKR120 CKRC120	009	9	120	F10	132	10:1	70	40	27	600
	012	12								600
	018	18								600
	024	24								600
	036	36								600
	048	48								600
	072	72								600
096	96	600								
CKR250 CKRC250	009	9	250	F14	220	10:1	160	57	48,5	600
	012	12								600
	018	18								600
	024	24								600
	036	36								600
	048	48								600
	072	72								400
096	96	400								
CKR500 CKRC500	009	9	500	F14	220	20:01	160	57	48,5	600
	012	12								600
	018	18								600
	024	24								600
	036	36								600
	048	48								600
	072	72								400
096	96	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.