

**2011-01-10**

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**Product Overview**

# **Electric Actuators**

**rotork**<sup>®</sup>  
Fluid Systems

**REMOTE CONTROL**<sup>®</sup>

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**Electric actuators, 1-phase, 230V/50Hz IP68**

Type	Order No	Op. Time	Torque	Weight
* RCEL 005 F03/F05/F07	303200	17	50	2,8

\* Stock item

( Recommended running torque = 80% of max. torque above.)

**Electric actuators, 1-phase, 230V/50Hz IP68**

Type	Order No	Op. Time	Torque	Weight
* RCEL 005L F03/F05/F07	303203	17	50	3,2

\* Stock item

( Recommended running torque = 80% of max. torque above.)

**Electric actuators, 1-phase, 230V/50Hz IP67\*\*\***

Type	Order No	Op. Time	Torque	Weight
* RCEL 006 F07	303211	16	58	9
* RCEL 009 F07	303212	16	88	10
* RCEL 015 F07+F10	303213	20	147	12
* RCEL 019 F07+F10	303214	20	186	13
* RCEL 028 F10+F12	303215	24	274	17
* RCEL 038 F10+F12	303216	24	373	18
* RCEL 050 F10+F12	303217	24	490	19
RCEL 060 F12+F14	303218	29	588	22
RCEL 080 F12+F14	303219	29	785	23
RCEL 100 F12+F14	303220	29	981	25

\* Stock item

( Recommended running torque = 80% of max. torque above.)

\*\*\* RCEL006-100 IP68 Optional. Not stock Item

**Electric actuators, 1-phase, 230V/50Hz IP67\*\*\***

Type	Order No	Op. Time	Torque	Weight
** RCEL 150 F16	303221	86	1471	68
** RCEL 200 F16	303222	86	1962	70
** RCEL 250 F16	303223	86	2452	70

\* Stock item

( Recommended running torque = 80% of max. torque above.)

\*\* F14 Flange Optional. Not stock Item

\*\*\* RCEL150-250 IP68 Optional. Not stock Item

For Drive bushes and Mounting kits see page 9

**Current position transmitter CPT, 4 - 20 mA feed back signal**

Type	Order No
RCEL005L	311379



**Current position transmitter CPT, 4 - 20 mA feed back signal**

Type	Order No
RCEL006 - RCEL009	311396



RCEL015 - RCEL019	301450
RCEL028 - RCEL050	301451
RCEL060 - RCEL100	301452
RCEL150 - RCEL250	301493

price included mounting on actuator.

**Complete electric actuator LCU1**

Type	Order No
RCEL005L + LCU	303206

RCEL005L included local control unit LCU



**Local control unit LCU1**

Type	Order No
RCEL006 - RCEL250	301375

Kit not available for RCEL005-005L, price included mounting on actuator.



**Local control unit LCU2**

Type	Order No
RCEL006 - RCEL250	301463

Kit not available for RCEL005-005L, Excluded lock



**Local control unit LCU2**

Type	Order No
RCEL006 - RCEL250	301462

Kit not available for RCEL005-005L, price included mounting on actuator. Excluded lock





Positioner PCU DHC-100D without feed back signal  
incl. mounting

Type	Order No
RCEL005L	301483
RCEL006 - RCEL009	301472
RCEL015 - RCEL250	301473



Transmitter OTX-100

Type	Order No
OTX-100	301470



Positioner PCU DHC-100D with feed back signal 4 - 20 mA  
Transmitter OTX-100 incl. mounting

Type	Order No
RCEL005L	301481
RCEL006 - RCEL009	301474
RCEL015 - RCEL250	301476

Mounted in DHC-100D



Transmitter OTR-100

Type	Order No
OTR-100	301471



Positioner PCU DHC-100D with feed back signal 4 - 20 mA  
Transmitter OTR-100 incl. relays & fail signal and mounting

Type	Order No
RCEL005L	301482
RCEL006 - RCEL009	301475
RCEL015 - RCEL250	301477

Mounted in DHC-100D



Manuel override Module AMM-100 to LCU1

Type	Order No
RCEL006 - RCEL250	301478

Kit not available for RCEL005-005L  
Kit not available for voltage 100V

**Electric actuators, 3-phase, 380/400/440V/50Hz, IP67**

Type	Order No	Op. Time	Torque	Weight
RCEL 006 F07	303268	16	58	9
RCEL 009 F07	303232	16	88	10
RCEL 015 F07+F10	303233	20	147	12
RCEL 019 F07+F10	303234	20	186	13
RCEL 028 F10+F12	303235	24	274	17
RCEL 038 F10+F12	303236	24	373	18
RCEL 050 F10+F12	303237	24	490	19
RCEL 060 F12+F14	303238	29	588	22
RCEL 080 F12+F14	303239	29	785	23
RCEL 100 F12+F14	303240	29	981	25



** RCEL 150 F16	303241	86	1471	68
** RCEL 200 F16	303242	86	1962	70
** RCEL 250 F16	303243	86	2452	70



Recommended running torque = 80% of max. torque above.

\*\* F14 Flange Optional. Not stock item

**Current position transmitter CPT, 4 - 20 mA feed back signal**

Type	Order No
RCEL006 - RCEL009	311396

RCEL015 - RCEL019	301450
RCEL028 - RCEL050	301451
RCEL060 - RCEL100	301452
RCEL150 - RCEL250	301493



**Positioner PCU PB90 with feed back signal 4 - 20 mA incl. starter relays**

Type	Order No	Net
RCEL009	301420	
RCEL015 - RCEL019	301421	



RCEL028 - RCEL050	301453
RCEL060 - RCEL100	301454
RCEL150 - RCEL250	301494



For Drive bushes and Mounting kits see page 9.



**Electric actuators, 24VDC, IP67\***

Type	Order No	Op. Time	Torque	Weight
RCEL 005 F03/F05/F07	303202	17	50	3



RCEL 005L F03/F05/F07	303205	17	50	3
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RCEL 006 F07	303245	16	58	9
RCEL 009 F07	303246	16	88	10
RCEL 015 F07+F10	303247	20	147	12
RCEL 019 F07+F10	303248	20	186	13
RCEL 028 F10+F12	303269	24	274	17

Recommended running torque = 80% of max. torque above.

\* IP68 Optional, Not Stock Item



**Current position transmitter CPT, 4 - 20 mA feed back signal**

Type	Order No
RCEL005L	311381



**Current position transmitter CPT, 4 - 20 mA feed back signal**

Type	Order No
RCEL 006 - RCEL 009	311398

RCEL 015 - RCEL 019	301450		
RCEL 028 - RCEL 050	301451		
RCEL 060 - RCEL 100	301452		
RCEL 150 - RCEL 250	301493		



**Positioner PCU with feed back signal 4 - 20 mA**

Type	Order No
RCEL 005L	311388



**Positioner PCU with feed back signal 4 - 20 mA**

Type	Order No	Net
RCEL 006 - RCEL 009	311390	
RCEL 015 - RCEL 019	311392	

RCEL 028	311394	
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**Complete electric actuator**

Type	Order No
RCEL005L + LCU	303208

RCEL005L included Local control unit LCU

For Drive bushes and Mounting kits see page 9.

Electric actuators, 1-phase, 230V/50Hz IP67, EExd IIB T4

Type	Order No	Op. Time	Torque	Weight
RCEL 005X F03/F05/F07	303715	17	50	5
RCEL 006 F07	303258	16	58	9
RCEL 009 F07	303263	16	88	10
RCEL 015 F07+F10	303266	20	147	12
RCEL 019 F07+F10	303617	20	186	13
RCEL 028 F10+F12	303616	24	274	17
RCEL 038 F10+F12	303256	24	373	18
RCEL 050 F10+F12	303618	24	490	19
RCEL 060 F12+F14	303619	29	588	22
RCEL 080 F12+F14	303620	29	785	23
RCEL 100 F12+F14	303615	29	981	25

Recommended running torque = 80% of max. torque above.  
Please call for more information on LCU, PIU, CPT and PCU.



Electric actuators, 3-phase, 400V/50Hz, IP67, EExd IIB T4

Type	Order No	Op. Time	Torque	Weight
RCEL 006 F07	303625	16	58	9
RCEL 009 F07	303626	16	88	10
RCEL 015 F07+F10	303627	20	147	12
RCEL 019 F07+F10	303628	20	186	13
RCEL 028 F10+F12	303629	24	274	17
RCEL 038 F10+F12	303630	24	373	18
RCEL 050 F10+F12	303631	24	490	19
RCEL 060 F12+F14	303632	29	588	22
RCEL 080 F12+F14	303633	29	785	23
RCEL 100 F12+F14	303634	29	981	25

Recommended running torque = 80% of max. torque above.  
Please call for more information on LCU, IMS, PIU, CPT and PCU.



Electric actuators, 24VDC, IP67, EExd IIB T4

Type	Order No	Op. Time	Torque	Weight
RCEL 005X F03/F05/F07	303718	17	50	5
RCEL 006 F07	303278	16	58	9
RCEL 009 F07	303621	16	88	10
RCEL 015 F07+F10	303622	20	147	12
RCEL 019 F07+F10	303623	20	186	13
RCEL 028 F10+F12	303624	24	274	17

Recommended running torque = 80% of max. torque above.  
Please call for more information on LCU, PIU, CPT and PCU.



For Drive bushes and Mounting kits see page 9.



Mounting accessories + Potentiometer kit

Driving bush blank ( included in all actuators )



Actuator size	Order No				
RCEL 006 - 009	303250				
RCEL 015 - 019	303251				
RCEL 028 - 050	303252				
RCEL 060 - 100	303264				
RCEL 150 - 250	303265				

Drive bushes included in price of actuator

Driving bush ( Diagonal Square acc. ISO5211, DIN79, included in all actuators )



Actuator size	Order No				
RCEL 006 - 009 # 17mm	303270				
RCEL 015 - 019 # 17mm	303271				
RCEL 028 - 050 # 22mm	303272				
RCEL 060 - 100 # 27mm	303273				
RCEL 150 - 250 # 46 mm	303274				

Drive bushes included in price of actuator

Special machining of driving bush blanks (for direct mounting)



Actuator size	Order No				
RCEL 006 - RCEL 050	549778				
RCEL 060 - RCEL 100	549779				
RCEL 150	549780				
RCEL 200 - RCEL 250	549781				

Please specify type, dimension and drawing on valve

Mounting kit consisting of console + driving bush (when direct mounting is not possible)



Actuators mounting face	Order No				
MKV RCEL F05	549786				
MKV RCEL F07	549769				
MKV RCEL F10	549770				
MKV RCEL F12	549771				
MKV RCEL F14	549772				
MKV RCEL F16	549773				

Please specify type, dimension and drawing on valve

Price on the mounting kit is according to the biggest necessary Flange.



Mounting + testing actuator valve

Actuator size	Order No				
RCEL 005 - RCEL 038	549766				
RCEL 050 - RCEL 100	549767				
RCEL 150 - RCEL 250	549768				

Potentiometer kit PIU, 1k Ohm



Type	Order No				
RCEL005L	301485				
RCEL006 - RCEL009	301384				
RCEL015 - RCEL019	301385				
RCEL028 - RCEL050	301448				
RCEL060 - RCEL100	301444				
RCEL150 - RCEL250	301490				

Price included mounting in actuator

2011-01-10

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