

# RXP

## 100 IN-LBS, NEMA 7

The RXP series ultra-compact electric rotary actuator was specifically designed for small ball valve and damper applications for use in hazardous locations.



### SPECIFICATIONS:

TORQUE	100 In-Lb (11.3 Nm)		
CYCLE TIME	2.5 Sec./90	115Vac & 230Vac	
	2.9 Sec./90	12Vdc, 24Vdc, 24Vac motor (75%)	
DUTY CYCLE	25% standard on 115Vac and 230Vac		
	75% standard on 12Vdc, 24Vdc and 24Vac		
MOTOR	Permanent split capacitor (for AC) with thermal overload protection		
CURRENT RATINGS	FL= Full Load, LR= Lock Rotor		

115VAC (Std.)		24VAC		24VDC		12VDC		208VAC/1PH/60HZ		230VAC/1PH/60HZ	
FL	LR	FL	LR	FL	LR	FL	LR	FL	LR	FL	LR
0.40	0.55	0.40	2.40	0.40	2.40	0.60	2.90	0.36	0.72	0.32	0.68

The motor's LR amps must be taken into account when sizing the input power supply and fuses. Slow blow fuses are recommended

CERTIFICATIONS	CSA	Master Contract 178618
CLASSIFICATION	Class I Groups C and D, Divisions 1 & 2; Class II Groups E, F & G, Divisions 1 and 2	
CANADIAN	CSA Std. C22.2 No. 139-1982 – Electrically Operated Valves,	
	CSA Std. C22.2 No. 25-1966 – Enclosures for use in Class II, Groups E, F & G Hazardous Locations	
	CSA Std. C22.2 No. 30-M 1986 – Explosion Proof Enclosures for use in Class I Hazardous Locations	
UNITED STATES	UL Std. No. 29, 5th Edition 1999 – Electrically Operated Valves	
	UL Std. No. 1203, 3rd Edition 2000 – Explosion Proof and Dust-Ignition-Proof Electric Equipment for use in Hazardous (Classified) Locations	

CERTIFIED VOLTAGES	12Vdc, 24Vdc, 115Vac & 230Vac	
CERTIFIED ENCLOSURES	NEMA Type 4X, Type 7 and IP66	
CERTIFIED TEMP.	-4F (-20C) to 104F (40C)	
CERTIFIED OPTIONS	Power off Brake, One or Two Auxiliary Switches, 1K, 5K & 10K Potentiometers, Heater, Heater with Thermostat and Three Position (For complete list of options, see option grid in catalog page 40)	

COATING	Thermally bonded polyester powder	
INDICATOR	Visual	Dome style
	Electric	Feedback from limit switches, same as operating voltage
SWITCHES	Snap action	SPDT, 15A @ 250Vac
LUBRICATION	Grease	Permanent, little or no maintenance required
WEIGHT	7 lb (3.2 kg)	
MOUNTING	Universal	



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MOUNTING PAD	ISO 5211 F03 (9mm star drive), F04 (11mm star drive) or F03/04 (11mm star drive with F03 bolt circle)
TEMPERATURE	-40F (-40C) to 150F (65.6C), heater & thermostat required 0F and below Optional double heater for application down to -76F (-60C)
OVERRIDE	Manual, non-declutching Declutching manual override not available DC voltage cannot be manually operated

### TECHNICAL DRAWING:

