

ASC SERIES

400, 600, 1,000 & 1,200 in-lbs,
NEMA 4 and/or 7

The ASC Series spring return actuators are compatible with DC voltages and can be used for modulating applications requiring system protection from unforeseen power failures.

SPECIFICATIONS:

TORQUE	Start		End
	ASC4	600 In-Lb (67.8 Nm)	400 In-Lb (45.2 Nm)
	ASC6	800 In-Lb (90.4 Nm)	600 In-Lb (67.8 Nm)
	ASC10	1,200 In-Lb (135.6 Nm)	1,000 In-Lb (113 Nm)
	ASC12	1,400 In-Lb (158.2 Nm)	1,200 In-Lb (135.6 Nm)

CYCLE TIME 12 sec. / 90° electric, 2 sec. / 90° spring

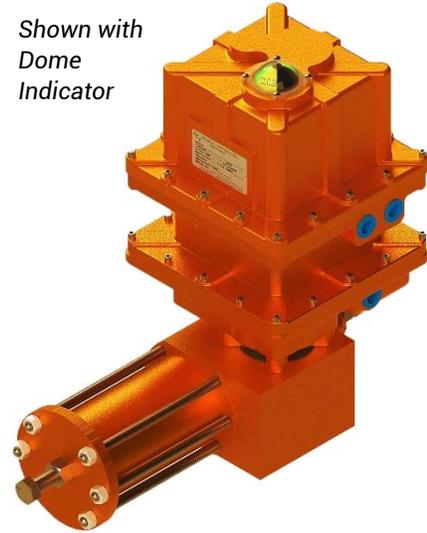
DUTY CYCLE ASC 4 up to ASC 10 75%
ASC12 30 minute continuous run

MOTOR Permanent split capacitor with thermal overload protection

CURRENT RATINGS FL= Full Load, LR= Lock Rotor

	115 Vac (Std.)		24 Vac		24 Vdc		12 Vdc		208 Vac/1Ph/60Hz		230 Vac/1Ph/60Hz	
	FL	LR	FL	LR	FL	LR	FL	LR	FL	LR	FL	LR
ASC4-10	1.60	2.90	3.70	25.00	3.70	25.00	6.90	48.00	1.20	2.20	1.03	2.00
ASC12	2.80	4.10	5.00	25.00	5.00	25.00	10.00	48.00	1.20	2.20	1.03	2.00

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



Shown with
Dome
Indicator

MOTOR BRAKE Power ON

CLUTCH Electro-magnetic

CERTIFICATIONS None - General Purpose Actuators
Designed to meet NEMA 4 Standards with optional NEMA enclosure types 4X, 9 and 7 available

COATING Thermally bonded polyester powder

INDICATOR Visual Optional
Electric Feedback from limit switches, same as operating voltage

SWITCHES Snap action SPDT, 15A @ 250Vac

LUBRICATION Grease Permanent, little or no maintenance required

WEIGHT Pound 110 (lb)
Kilogram 49.9 (kg)

MOUNTING Universal

MOUNTING PAD ACS4 & ASC6 ISO 5211 F07 with .66" Square Male Drive
ASC10 & ASC12 ISO 5211 F10 with 1.00" Square Male Drive



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TEMPERATURE -40F (-40C) to 150F (65.6C), heater & thermostat required 0F and below
Optional double heater for application up to -76F (-60C)

MAX. CYCLES MODULATING 300 per hour
ON/OFF 17 per day
Spring fail is to be reserved for emergency use only *

* Allowing this actuator to spring fail as a part of normal operation will severely limit the life expectancy of the product and waives the product warranty

