ASC SERIES
400, 600, 1000 & 1200 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 (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
ASC4-10	1.60	2.90	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	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

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   Electric   Feedback from limit switches, same as operating voltage

SWITCHES   Snap action   SPDT, 15A @ 250Vac
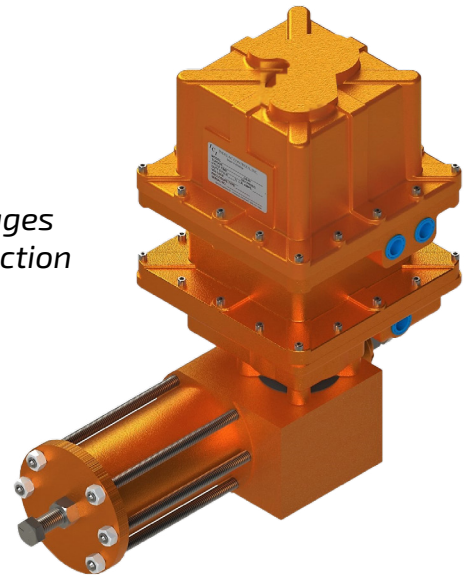
LUBRICATION   Grease   Permanent, little or no maintenance required

WEIGHT   110 lb (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

TEMPERATURE   -40F (-40C) to 150F (65.6C), heater & thermostat required 0F and below
                  Optional double heater for application down to -76F (-60C)
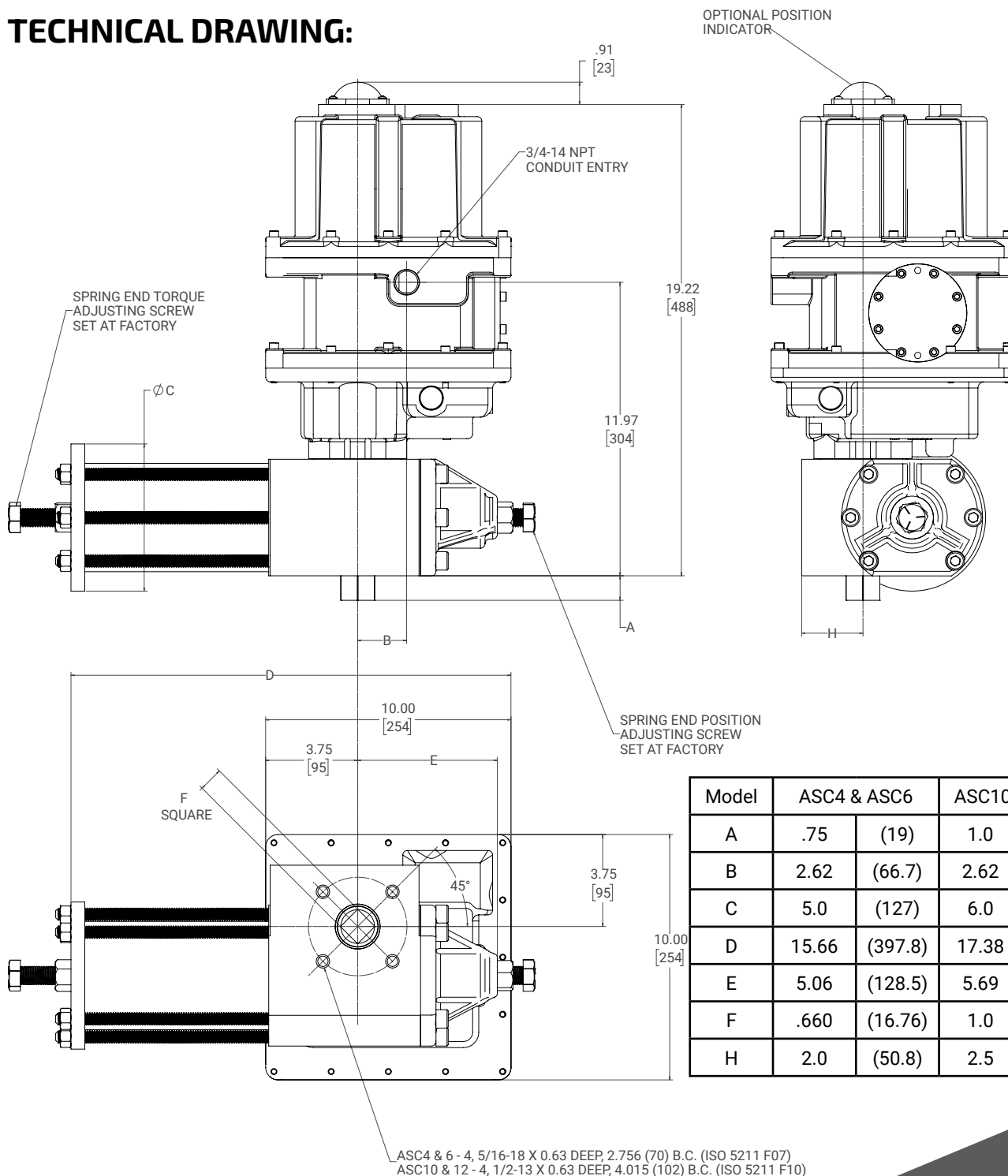
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INDELAC
CONTROLS, INC.
ELECTRIC ACTUATORS AND CONTROLS

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

TECHNICAL DRAWING:

OPTIONAL POSITION INDICATOR

3/4-14 NPT CONDUIT ENTRY

SPRING END TORQUE ADJUSTING SCREW SET AT FACTORY

.91 [23]

19.22 [488]

11.97 [304]

⌀C

B

A

H

D

10.00 [254]

3.75 [95]

E

F SQUARE

45°

3.75 [95]

10.00 [254]

SPRING END POSITION ADJUSTING SCREW SET AT FACTORY

Model	ASC4 & ASC6		ASC10 & ASC12	
A	.75	(19)	1.0	(25.4)
B	2.62	(66.7)	2.62	(66.7)
C	5.0	(127)	6.0	(152.4)
D	15.66	(397.8)	17.38	(441.5)
E	5.06	(128.5)	5.69	(144.6)
F	.660	(16.76)	1.0	(25.4)
H	2.0	(50.8)	2.5	(63.5)

ASC4 & 6 - 4, 5/16-18 X 0.63 DEEP, 2.756 (70) B.C. (ISO 5211 F07)
ASC10 & 12 - 4, 1/2-13 X 0.63 DEEP, 4.015 (102) B.C. (ISO 5211 F10)