

SNS-2000 TO 2800

SAFE & SECURE SERIES ACTUATOR WITH BATTERY BACKUP, NEMA 4 AND/OR 7

The Safe & Secure Series is a compact powerful solution for critical applications. Equipped with an internal battery this unit is field adjustable to fail closed, fail open, or continue standard operations, always leaving you in control during sudden loss of utility power and/or control signal.



SPECIFICATIONS:

TORQUE SNS20 2000 In-Lb (226 Nm)
 SNS28 2800 In-Lb (317 Nm)

CYCLE TIME SNS20 12sec. / 90°
 SNS28 14 sec. / 90°

DUTY CYCLE 100%

MOTOR Brush type 12Vdc (for all input voltages)

CURRENT RATINGS FL= Full Load, LR= Lock Rotor

	115VAC		24VAC & 24VDC		12VDC		230VAC/1PH/60HZ	
	FL	LR	FL	LR	FL	LR	FL	LR
SNS20	1.25	2.38	2.75	24.00	5.50	48.00	0.75	1.20
SNS28	1.25	2.38	4.50	24.00	9.00	48.00	0.75	1.20

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

BATTERY 12 Volt 1.4 AHr, Rechargeable Sealed Lead Acid Battery, Minimum 4 Years Life in Stand-By Use at 68°F

RUN TIMES/CYCLES	Time to complete 90 deg. rotation (in sec.)	Number of cycles
SNS20	12	1
SNS28	14	1

*Testing was done at the maximum torque for each valve. If the torque is less than the maximum, the run time/cycles will increase
All cycles are based on – 90° motion*

CHARGER Trickle charger drawing 1 to 1.3A during battery recharge and 50mA to maintain to full charge

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

POSITION INDICATOR Visual Dome Indicator

SWITCHES Snap action SPDT, 15A @ 250Vac

LUBRICATION Grease Permanent, little or no maintenance required



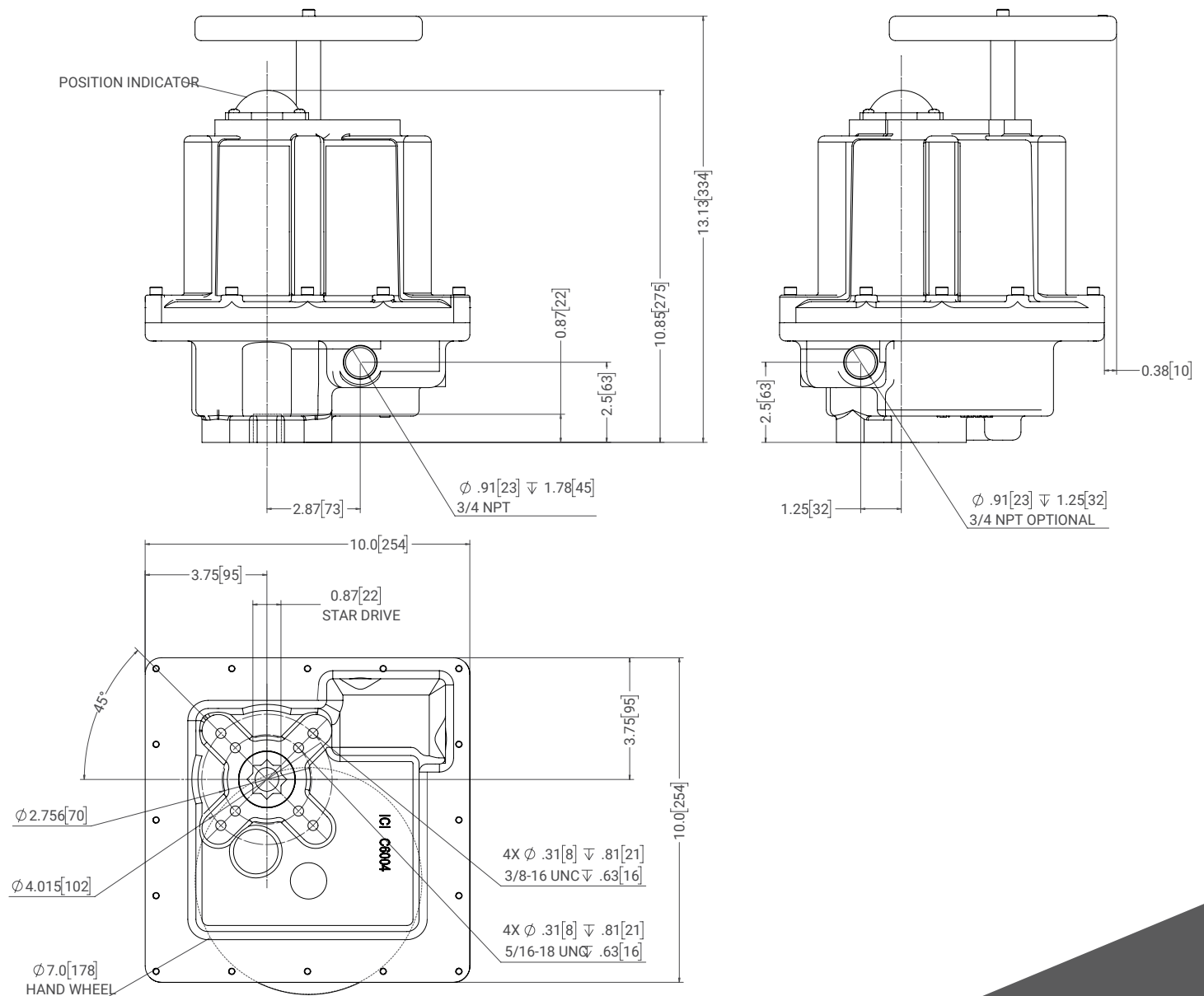
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INDELAC
CONTROLS, INC.
ELECTRIC ACTUATORS AND CONTROLS

WEIGHT	41 lb (18.6 kg)
MOUNTING	Universal
MOUNTING PAD	ISO 5211 F07 & F10 with F10 22mm Star Female Drive
TEMPERATURE	-40F (-40C) to 150F (65.6C), self-regulating heater
OVERRIDE	Manual, Declutching Hand Wheel

TECHNICAL DRAWING:



INDELAC CONTROLS, INC
WWW.INDELAC.COM
1 + 859-727-7890