NSO-SFA JOYSTICK

The NSO-SFA single axis mill duty controllers are characterized by their unmatched versatility and rugged construction. Space saving design, cast aluminum construction, IP56 housing, heavy-duty torsion spring and marine epoxy paint make this controller resistant to abuse and ideally suited for high-duty cycle mill applications and environmentally challenging marine applications.



SPECIFICATIONS

GENERAL DATA

# of Axis	Single
Output Options	Contacts, Potentiometer, Encoder, 4-20mA & Transformer
Joystick Action	Spring Return, Friction Brake or Maintained
Handle Travel	+/- 42 degrees each axis
Max # of Steps	Up to 7-0-7
Handle Compatibility	Standard Handles, Push Button, Mechanical Interlock, RH, BH, MG27
Life	10 million cycles
Materials	Powder-coated aluminum housing.
Est. Shipping Weight	3 lbs.
Est. Shipping Dimensions	13 in. x 10 in. x 6 in.

MOUNTING DATA

Mounting Style	Drop-in
Mounting Footprint	2.56" x 2.56" See literature for additional mounting specifications

ENVIRONMENTAL DATA

IP Rating	IP56
Operating Temperature	-4 to +140 degrees F [-20 to +60 degrees C]
Storage Temperature	-40 to +140 degrees F [-40 to +60 degrees C]

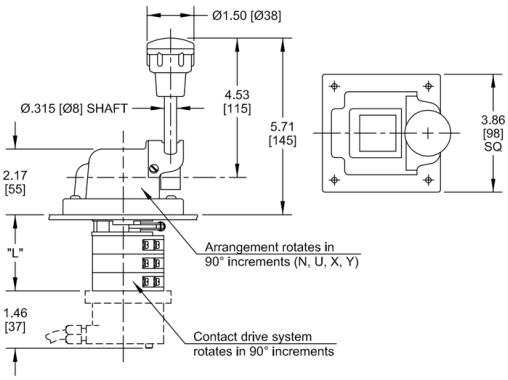
ELECTRICAL DATA

Contact Specifications	Switch Type: Double Pole Snap-In Contact Blocks Max. Number: Up to 10 contact blocks (20 circuits) Max. Switching Capacity: Making - 100 amps Breaking - (0.7PF) 240V 80 amps Rating (AC): Continuous 16 amps @ 240V Resistive 8 amps @ 240V Inductive 6 amps @ 240V Termination: Captive Saddle Clamp Max. Wire Size: 12 AWG
Additional Specifications	Reference product literature for additional specifications

Technical Drawings

Dimensional

All dimensions in inches [mm] and are subject to change.

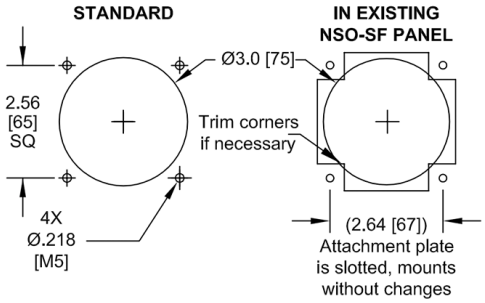


Contact Blocks:	1	2	3	4	5	6	7	8	9	10
Length "L":	1.57 [40]	2.17 [55]	2.76 [70]	3.35 [85]	3.93 [100]	4.52 [115]	5.12 [130]	5.71 [145]	6.30 [160]	6.89 [175]

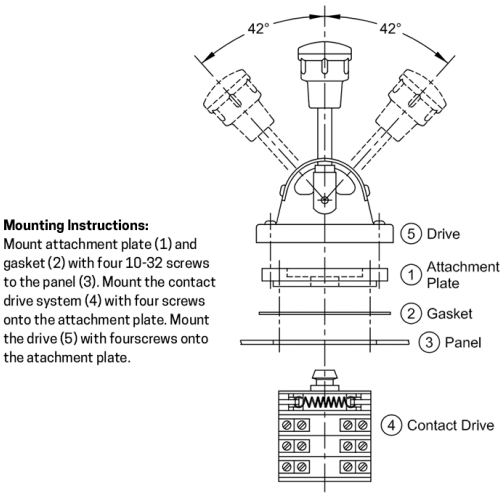
Overall dimensions. Shown with standard 2 piece handle.

Mounting

All dimensions in inches [mm] and are subject to change.



Mounting hole details



Mounting instructions for installation