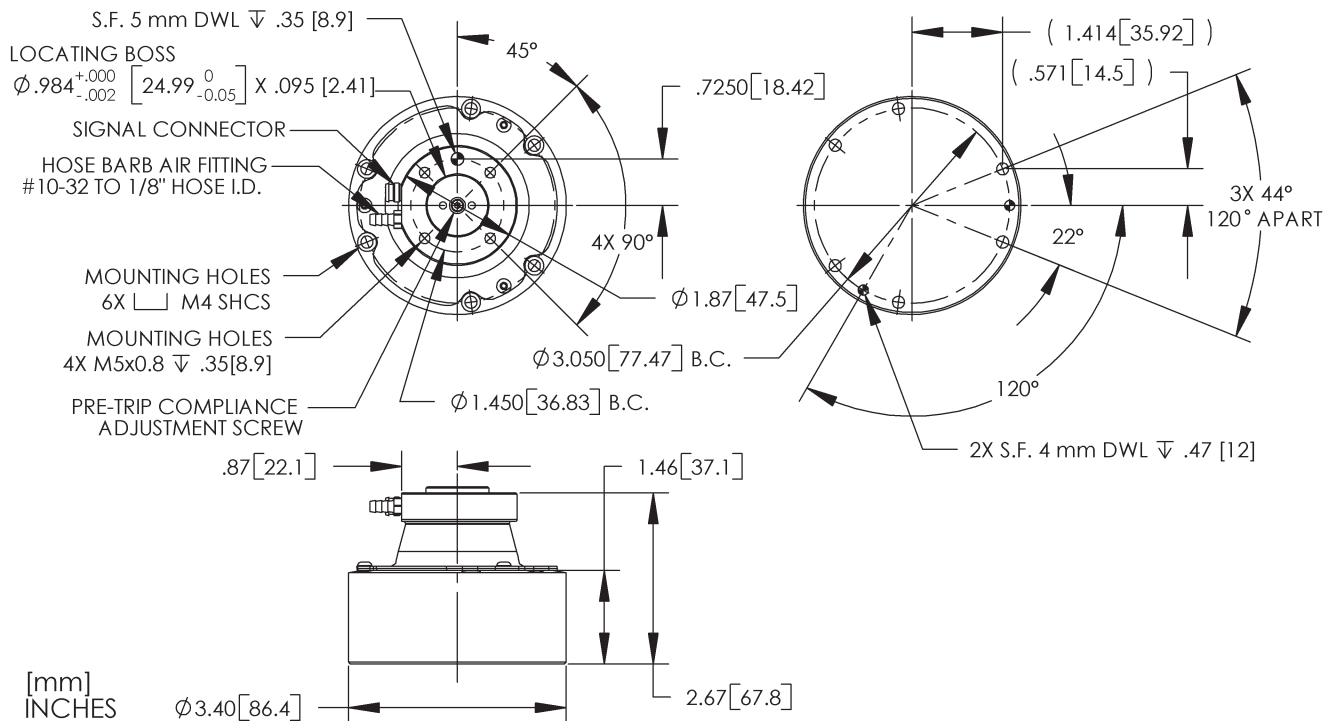


# MODEL U-4619-HA (High Angle)

Moment Resistance† Variable from 10 to 90 psi (0.68 to 6.2 bar)	29 - 274 in-lb 3 - 31 Nm	Repeatability (about z axis) Measured at center and O.D. of tool plate	±0.017 deg
Torque Resistance† Variable from 10 to 90 psi (0.68 to 6.2 bar)	56 - 362 in-lb 6 - 41 Nm	Mass	1 lb 0.45 kg
Force Resistance† Variable from 10 to 90 psi (0.68 to 6.2 bar)	25 - 229 lbf 111 - 1,019 N	Height	2.67 in 67.8 mm
Angular Compliance	±13 deg ±0.23 rad	Diameter	3.40 in 86.4 mm
Rotary Compliance	±24 deg ±0.42 rad	Pre-Trip Compliance Range of Adjustability	0 to 0.100 in 0 to 2.54 mm
Axial Compliance Compression	0.31 in 7.9 mm	Temperature Rating	-30° to 210°F -34° to 99°C
Repeatability (x, y & z) Measured at center and O.D. of tool plate	±0.0005 in ±0.0127 mm	Sensor	10 - 30 VDC 200mA normally closed switch
		Response Time	2 - 6 ms

†Resistance at the factory setting of 0.025" (0.64 mm) compliance. Resistance increases slightly as the pre-trip compliance is increased.

NOTE: The U-4619-HA must be electrically isolated from the robot when the tooling below it has a voltage potential.



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