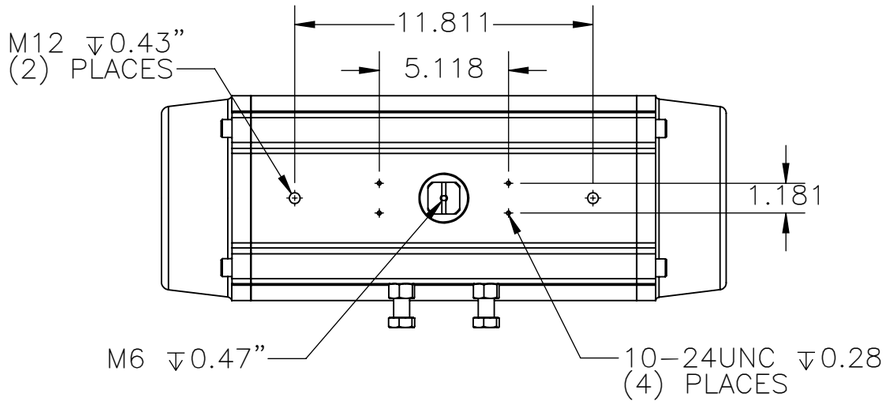
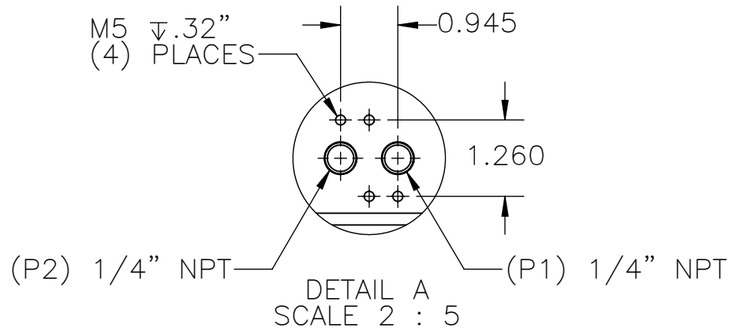
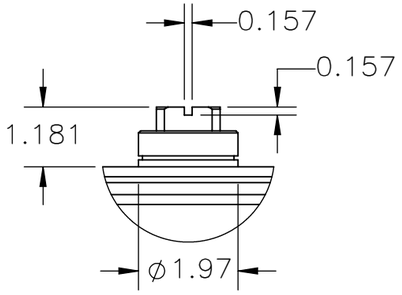
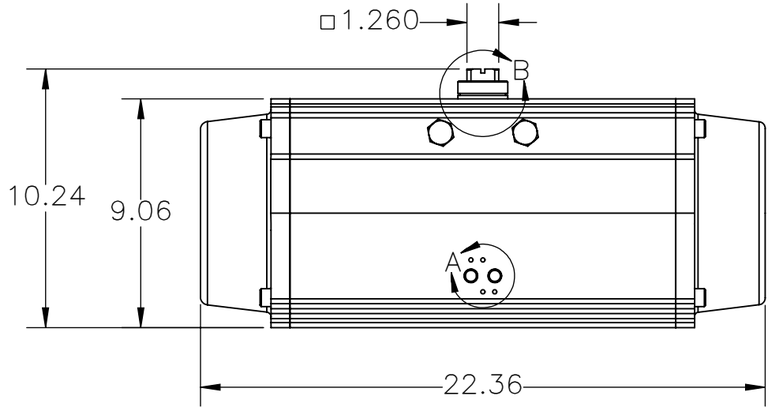


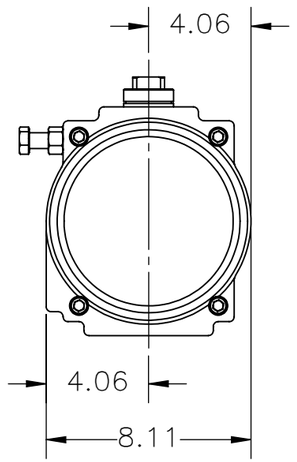


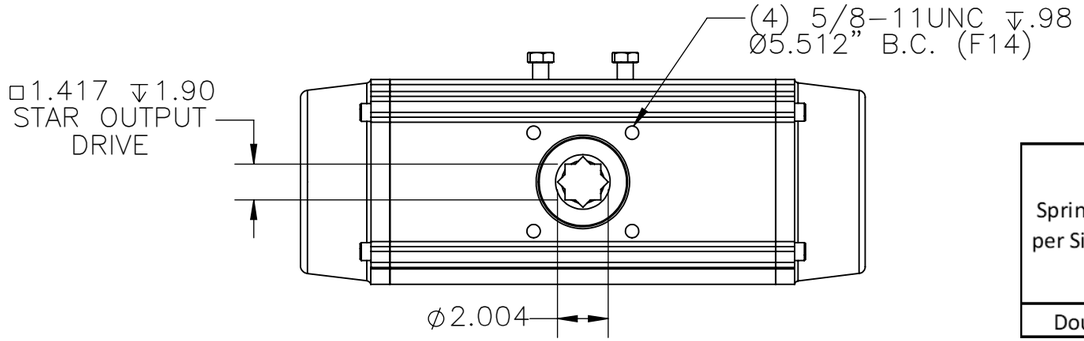
DETAIL A
SCALE 2 : 5



DETAIL B
SCALE 1 : 3







Weight (lbs)	DA	72.4
	SR	82.7
Volume (in^3 per 90°)	CW	554.1
	CCW	400.9
Cycle Time (seconds per 90°)	DA	4.2
	SR	4.2

3R1200 Output Torque (in*lbs) per Air Supply (psi)

		Spring Torque		40 psi		60 psi		80 psi		100 psi		120 psi	
		End	Break	End	Break	End	Break	End	Break	End	Break	End	Break
Springs per Side	2	1,342	2,076	2,907	3,641	5,398	6,132	7,890	8,624	10,381	11,115	-	-
	3	2,014	3,114	1,869	2,969	4,360	5,461	6,852	7,952	9,343	10,444	-	-
	4	2,685	4,152	831	2,298	3,322	4,790	5,814	7,281	8,305	9,773	-	-
	5	3,356	5,190	-	-	2,284	4,119	4,776	6,610	7,267	9,102	-	-
	6	4,027	6,228	-	-	1,246	3,447	3,738	5,939	6,229	8,430	-	-
Double Acting		-		4,983		7,474		9,966		12,457		14,949	

Direct Acting:
Pressure at port P1 will result in a clockwise rotation
Pressure at port P2 will result in a counter-clockwise rotation
Reverse Acting:
Pressure at port P1 will result in a counter-clockwise rotation
Pressure at port P2 will result in a clockwise rotation

NOTES: Accessory mounting holes are not intended for Manual Gear Overrides or Stop Blocks. Cycle times are under no load conditions. Air line size, air capacity, and valve torque characteristics affect these cycle times. Faster or slower cycle times can be accomplished using special control components.

TRIAD CONTROLS
Controls
9955 INTERNATIONAL BLVD.
CINCINNATI, OHIO 45246
PHONE: (513) 247-5465
FAX: (513) 247-5462

DRAWN BY SJK DATE 08/18/21
CHECKED BY NPM DATE 08/18/21
RELEASED BY NPM DATE 08/18/21

VALVES, ACTUATORS, AND AUTOMATION CONTROLS

SHEET 1 OF 1

DO NOT SCALE DRAWING

DESCRIPTION
3R1200 DIMENSIONAL DRAWING AND TORQUE DATA

MATERIAL

DRAWING NO. P03936

REVISION