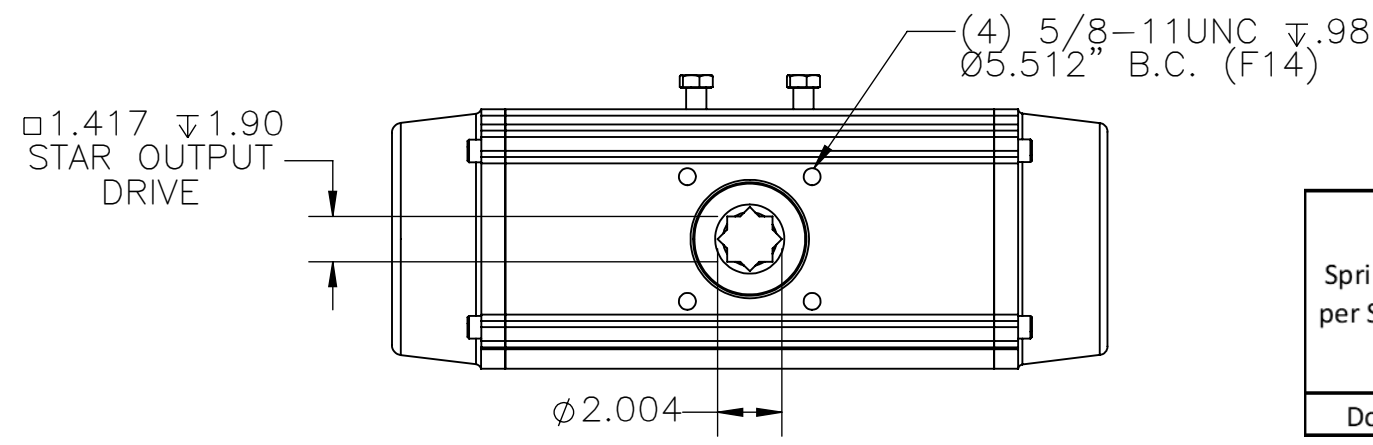


Weight (lbs)	DA	72.4
	SR	82.7
Volume (in <sup>3</sup> per 90°)	CW	554.1
	CCW	400.9
Cycle Time (seconds per 90°)	DA	4.2
	SR	4.2



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

Springs per Side		Spring Torque		40 psi		60 psi		80 psi		100 psi		120 psi	
		End	Break	End	Break	End	Break	End	Break	End	Break	End	Break
		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	-	-	
<b>Double Acting</b>		-		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.

	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	<b>VALVES, ACTUATORS, AND AUTOMATION CONTROLS</b>	SHEET 1 of 1	
	DO NOT SCALE DRAWING 	DESCRIPTION 3R1200 DIMENSIONAL DRAWING AND TORQUE DATA				MATERIAL	DRAWING NO. <b>P03936</b>

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