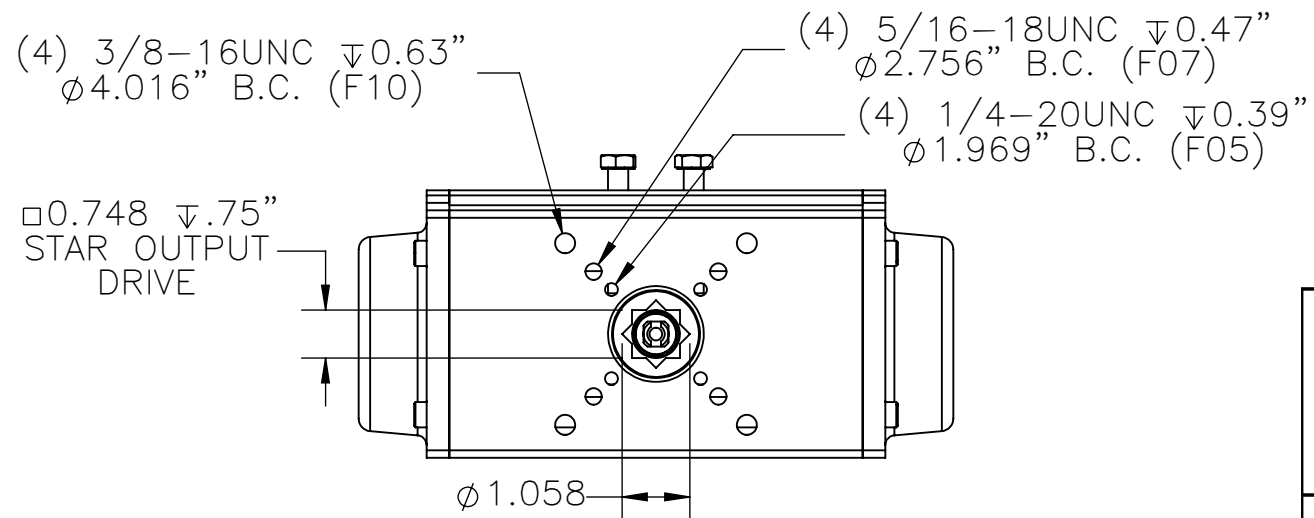


Weight (lbs)	DA	8.0
	SR	8.8
Volume (in <sup>3</sup> per 90°)	CW	40.3
	CCW	28.7
Cycle Time (seconds per 90°)	DA	1.0
	SR	1.0



3R80 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	106	155	206	255	387	435	567	616	748	796	-	-
	3	159	232	129	202	309	382	490	563	670	743	-	-
	4	212	309	52	149	232	329	412	510	593	690	-	-
	5	265	387	-	-	155	277	335	457	516	637	-	-
	6	318	464	-	-	77	224	258	404	438	584	-	-
<b>Double Acting</b>		-		361		541		722		902		1083	

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.



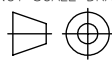
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DRAWN BY SLJ CHECKED BY NPM RELEASED BY NPM  
 DATE 07/07/21 DATE 07/08/21 DATE 07/08/21

**VALVES, ACTUATORS, AND AUTOMATION CONTROLS**

SHEET 1 of 1

DO NOT SCALE DRAWING



DESCRIPTION  
 3R80 DIMENSIONAL DRAWING AND TORQUE DATA

MATERIAL  
 DRAWING NO. P03917  
 REVISION

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