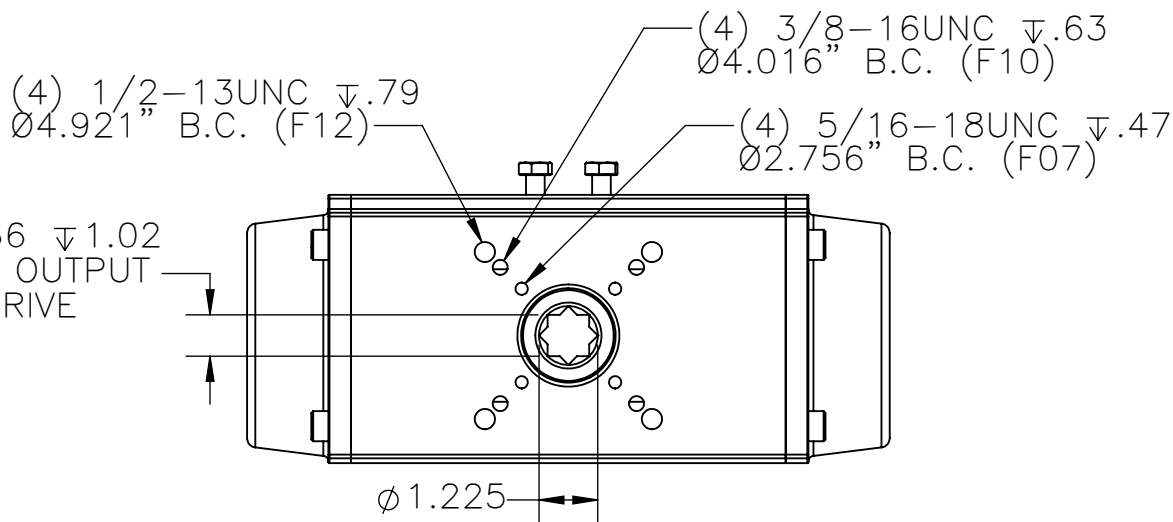


Weight (lbs)	DA	21.9
	SR	24.5
Volume (in <sup>3</sup> per 90°)	CW	130.0
	CCW	98.2
Cycle Time (seconds per 90°)	DA	2.0
	SR	2.0



3R300 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	351	526	660	835	1253	1428	1847	2021	2440	2614	-	-
	3	527	789	397	659	991	1252	1584	1846	2177	2439	-	-
	4	703	1052	134	484	728	1077	1321	1670	1914	2263	-	-
	5	878	1315	-	-	465	901	1058	1494	1651	2087	-	-
	6	1054	1578	-	-	202	726	795	1319	1388	1912	-	-
	Double Acting	-		1186		1779		2372		2966		3559	

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 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  
 3R300 DIMENSIONAL DRAWING AND TORQUE DATA

MATERIAL

DRAWING NO.

P03915

REVISION

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