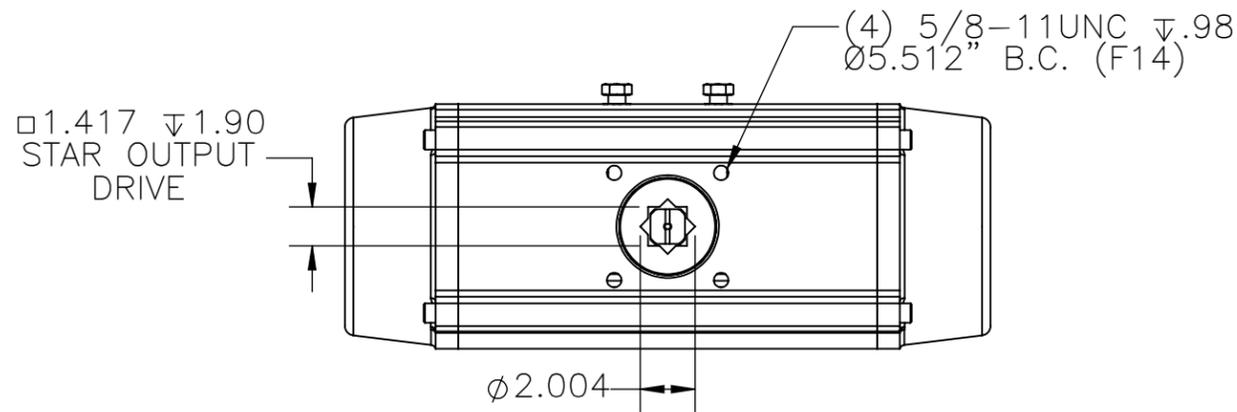


Weight (lbs)	DA	88.4
	SR	105.6
Volume (in ³ per 90°)	CW	721.3
	CCW	487.6
Cycle Time (seconds per 90°)	DA	5.0
	SR	5.0



3R1750 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	1,846	2,548	3,539	4,241	6,582	7,285	9,626	10,328	12,670	13,372	-	-
	3	2,769	3,823	2,265	3,318	5,308	6,362	8,352	9,405	11,395	12,449	-	-
	4	3,692	5,097	990	2,395	4,034	5,439	7,078	8,482	10,121	11,526	-	-
	5	4,615	6,371	-	-	2,760	4,516	5,803	7,559	8,847	10,603	-	-
	6	5,538	7,645	-	-	1,485	3,593	4,529	6,636	7,573	9,680	-	-
	Double Acting	-		6,087		9,131		12,174		15,218		18,262	

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.



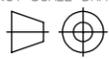
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DRAWN BY SJK CHECKED BY NPM RELEASED BY NPM
 DATE 07/28/21 DATE 07/30/21 DATE 07/30/21

VALVES, ACTUATORS, AND AUTOMATION CONTROLS

SHEET 1 of 1

DO NOT SCALE DRAWING



DESCRIPTION
 3R1750 DIMENSIONAL DRAWING AND TORQUE DATA

MATERIAL

DRAWING NO.

P03937

REVISION

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