



Weight (lbs)	DA	4.8
	SR	5.1
Volume (in <sup>3</sup> per 90°)	CW	17.1
	CCW	14.0
Cycle Time (seconds per 90°)	DA	0.6
	SR	0.6

3R40 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	46	70	97	121	181	205	264	288	348	372	-	-
	3	69	105	62	98	146	182	229	265	313	349	-	-
	4	91	139	27	75	111	159	194	242	278	326	-	-
	5	114	174	-	-	76	136	160	220	243	303	-	-
	6	137	209	-	-	41	113	125	197	208	280	-	-
	Double Acting	-		167		250		334		417		501	

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 SLJ DATE 07/07/21	CHECKED BY NPM DATE 07/08/21	RELEASED BY NPM DATE 07/08/21	<b>VALVES, ACTUATORS, AND AUTOMATION CONTROLS</b>	SHEET 1 of 1	
	DO NOT SCALE DRAWING 	DESCRIPTION 3R40 DIMENSIONAL DRAWING AND TORQUE DATA				MATERIAL	DRAWING NO. <b>P03914</b>

THE DESIGN AND DISCLOSURE CONTAINED IN THIS DRAWING WAS ORIGINATED BY, AND IS EXCLUSIVE PROPERTY OF A-T CONTROLS, INC. IT IS FURNISHED FOR VENDOR INFORMATION ONLY AND IS NOT AN AUTHORIZATION OR LICENSE TO MAKE THIS CONSTRUCTION OR TO FURNISH THIS INFORMATION TO OTHERS. ALL DRAWINGS MUST BE RETURNED TO A-T CONTROLS, INC. ON DEMAND. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED IN ANY FORM WITHOUT THE EXPRESS WRITTEN PERMISSION OF A-T CONTROLS, INC.