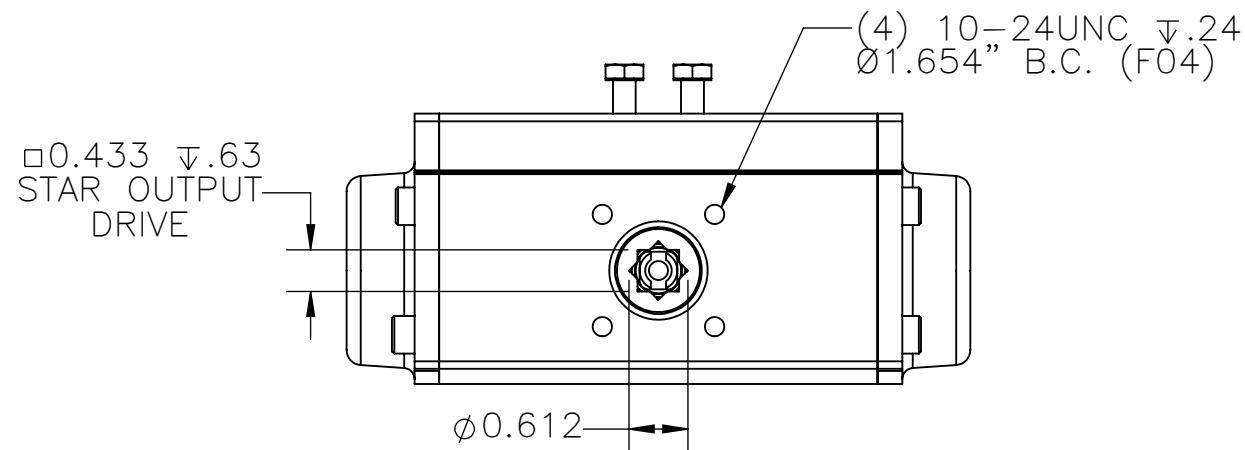


Weight (lbs)	DA	3.0
	SR	3.2
Volume (in ³ per 90°)	CW	10.4
	CCW	7.9
Cycle Time (seconds per 90°)	DA	0.5
	SR	0.5



3R20 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	28	41	52	65	99	112	145	158	192	205	-	-
	3	43	62	31	51	78	97	124	144	171	191	-	-
	4	57	83	10	37	57	83	104	130	150	177	-	-
	5	71	104	-	-	36	69	83	116	130	162	-	-
	6	85	124	-	-	16	55	62	102	109	148	-	-
	Double Acting	-		93		140		187		233		280	

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 07/21/21	CHECKED BY NPM DATE 07/21/21	RELEASED BY NPM DATE 07/21/21	VALVES, ACTUATORS, AND AUTOMATION CONTROLS	SHEET 1 of 1	
	DO NOT SCALE DRAWING	DESCRIPTION 3R20 DIMENSIONAL DRAWING AND TORQUE DATA				MATERIAL	DRAWING NO. P03927

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