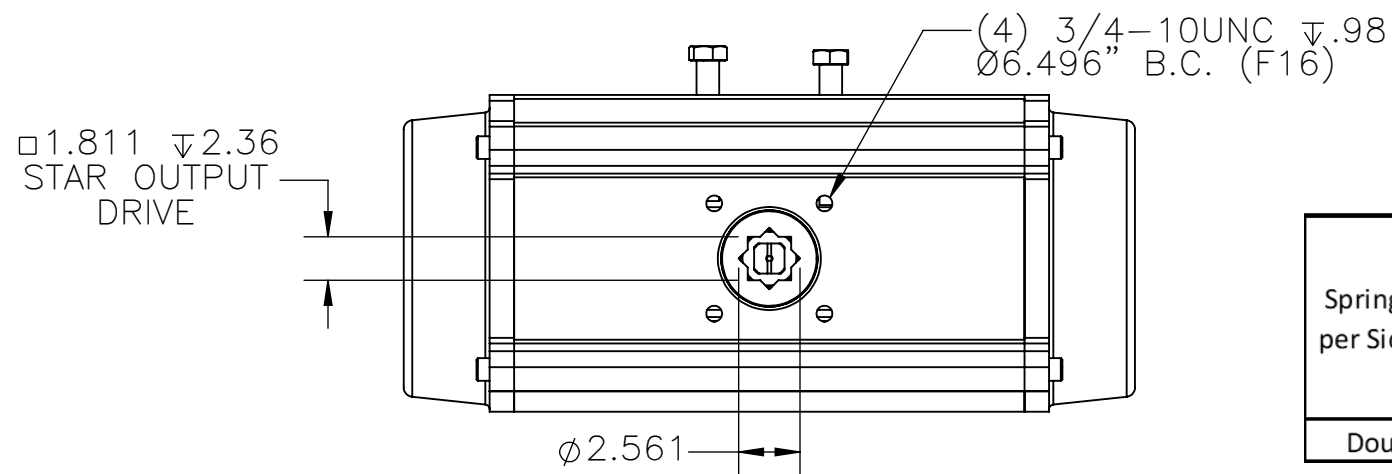


| | | |
|----------------------------------|-----|--------|
| Weight (lbs) | DA | 211.9 |
| | SR | 262.7 |
| Volume (in ³ per 90°) | CW | 1938.7 |
| | CCW | 1479.8 |
| Cycle Time (seconds per 90°) | DA | 14.0 |
| | SR | 14.0 |



3R3300 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 |
| Double Acting | 2 | 5,173 | 7,516 | 11,118 | 13,462 | 20,436 | 22,779 | 29,753 | 32,096 | 39,070 | 41,413 | - | - |
| | 3 | 7,759 | 11,274 | 7,360 | 10,876 | 16,677 | 20,193 | 25,995 | 29,510 | 35,312 | 38,827 | - | - |
| | 4 | 10,345 | 15,032 | 3,602 | 8,289 | 12,919 | 17,606 | 22,237 | 26,924 | 31,554 | 36,241 | - | - |
| | 5 | 12,931 | 18,790 | - | - | 9,161 | 15,020 | 18,479 | 24,337 | 27,796 | 33,655 | - | - |
| | 6 | 15,518 | 22,548 | - | - | 5,403 | 12,434 | 14,721 | 21,751 | 24,038 | 31,068 | - | - |
| Double Acting | | - | | 18,634 | | 27,952 | | 37,269 | | 46,586 | | 55,903 | |

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 07/30/21 | CHECKED BY NPM DATE 07/30/21 | RELEASED BY NPM DATE 07/30/21 | VALVES, ACTUATORS, AND AUTOMATION CONTROLS | SHEET 1 of 1 | |
| | DO NOT SCALE DRAWING | DESCRIPTION 3R3300 DIMENSIONAL DRAWING AND TORQUE DATA | | | | MATERIAL | DRAWING NO. P03940 |

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