

Data sheet

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CBA-300 Series

Performance Data – (Pneumatic)

Double-Acting Actuators

CBA-300 Series

| Actuator Model | Volume (cu in) ▲ | | Maximum System Pressure (MSP)* (PSIG) | Maximum Operating Pressure (MOP)* (PSIG) | Maximum Allowable Working Pressure (MAWP)** (PSIG) | Approximate Weight of Actuator (lbs) |
|----------------|------------------|-------------------|---------------------------------------|--|--|--------------------------------------|
| | Outboard | Inboard (Housing) | | | | |
| CBA 730 | 260 | 562 | 120 | 105 | 200 | 130 |
| CBA 830 | 341 | 633 | 90 | 80 | 200 | 140 |
| CBA 930 | 433 | 713 | 70 | 65 | 170 | 155 |
| CBA 1030 | 572 | 834 | 55 | 50 | 130 | 170 |

Spring-Return Actuators

CBA-300 Series

| Actuator Model | Volume (cu in) ▲ | Maximum System Pressure (MSP)* (PSIG) | Maximum Operating Pressure (MOP)* (PSIG) | Maximum Allowable Working Pressure (MAWP)** (PSIG) | Approximate Weight of Actuator (lbs) |
|----------------|------------------|---------------------------------------|--|--|--------------------------------------|
| ◆ CBA730-SR40 | 562 | 150 | 135 | 200 | 158 |
| SR60 | 562 | 155 | 140 | 200 | 160.5 |
| SR80 | 562 | 160 | 145 | 200 | 163 |
| SR100 | 562 | 165 | 150 | 200 | 164 |
| ◆ CBA830-SR40 | 633 | 125 | 105 | 160 | 180 |
| SR60 | 633 | 125 | 110 | 160 | 184.5 |
| SR80 | 633 | 130 | 115 | 160 | 188 |
| SR100 | 633 | 140 | 120 | 160 | 192.5 |
| ◆ CBA930-SR40 | 713 | 120 | 85 | 200 | 195 |
| SR60 | 713 | 120 | 90 | 200 | 202 |
| SR80 | 713 | 120 | 95 | 200 | 206.5 |
| SR100 | 713 | 120 | 105 | 200 | 205 |
| ◆ CBA1030-SR40 | 834 | 95 | 70 | 160 | 220 |
| SR60 | 834 | 100 | 75 | 160 | 225.5 |
| SR80 | 834 | 110 | 80 | 160 | 233.5 |
| --- | --- | --- | --- | --- | --- |

Notes:

◆ CBA-SRXXM mechanical handwheel overrides are available on these models. The override adds approximately 12 lbs. (5kg) to the weight of the standard CB model.

▲ Maximum volume including cavity required for calculating consumption per stroke.

** **Maximum Operating Pressure (MOP)** - The pressure required to produce the maximum rated torque of the actuator.

*** **Maximum Allowable Working Pressure (MAWP)** is the maximum static pressure that may be applied to a fully stroked actuator against the travel stops.

Standard installation produces clockwise rotation when the outboard side of piston is pressurized.

Standard installation produces counterclockwise rotation when the inboard side of piston is pressurized.

Note: Actuator may be installed opposite of that shown above



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