

Data sheet

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CBA-Series

Performance Data – (Pneumatic)

Double-Acting Actuators

CBA-Series

Actuator Model	Volume (Cu. In.) ▲		Maximum Operating Pressure (MOP)* (PSIG)	Maximum Allowable Working Pressure (MAWP)** (PSIG)	Approximate Weight of Actuator (Lbs.)
	Outboard	Inboard (Housing)			
CBA 315	24	54	120	200	20
CBA 420	53	115	120	200	22
CBA 520	83	148	70	160	28
CBA 525	105	207	120	200	44
CBA 725	208	327	80	160	68

Spring-Return Actuators

CBA-Series

Actuator Model	Volume (Cu. In.) ▲	Maximum Operating Pressure (MOP)* (PSIG)	Maximum Allowable Working Pressure (MAWP)** (PSIG)	Approximate Weight of Actuator (Lbs.)
◆ CBA 315-SR40	54	155	200	22
SR60	54	152	200	23
SR80	54	150	200	26
SR100	54	164	200	25
◆ CBA 415-SR40	75	100	160	27
SR60	75	112	160	29
SR80	75	117	160	30
SR100	75	114	160	31
◆ CBA 420-SR40	115	157	200	37
SR60	115	156	200	39
SR80	115	161	200	40
SR100	115	166	200	41
◆ CBA 520-SR40	148	110	160	45
SR60	148	116	160	48
SR80	148	120	160	49
SR100	148	132	160	53
◆ CBA 525-SR40	207	146	200	62
SR60	207	151	200	65
SR80	207	159	200	65
SR100	207	163	200	67
◆ CBA 725-SR40	327	102	160	97
SR60	327	115	160	98
SR80	327	124	160	104
SR100	327	124	160	107

Notes:

- ◆ CBA-SRXXM mechanical handwheel overrides are available on these models. The override adds approximately 2 lbs. (.8 kg) to the weight of the standard CBA model.
- ▲ Maximum volume including cavity required for calculating consumption per stroke.
- * **Maximum Operating Pressure (MOP)** is 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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