

Data sheet

Sheet No.: C3PI 2.01 Rev. D

Date: February 2018

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	200	180
SR60	633	125	110	200	184.5
SR80	633	130	115	200	188
SR100	633	140	120	200	192.5
♦ CBA930-SR40	713	120	85	170	195
SR60	713	120	90	170	202
SR80	713	120	95	170	206.5
SR100	713	120	105	170	205
♦ CBA1030-SR40	834	95	70	130	220
SR60	834	100	75	130	225.5
SR80	834	110	80	130	233.5
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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.

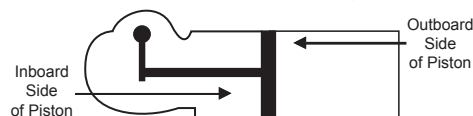
** **Maximum Operating Pressure (MOP)** - The pressure required to produce the maximum rated torque of the actuator.

*** **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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