

## Data sheet

Sheet No.: C3PM 1.01 Rev. C

Date: January 2011

# CBA-300 Series

## Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

### Double-Acting Actuators CBA-300-Series

Actuator Model	Stroke Position	Operating Pressure (Bar)						
		3	3.5	4	5	5.5	6	7
		Pressure Torque Output Start/Min./End (Nm)						
CBA730	Start/End	908	1059	1211	1513	1664	1816	2118
	Minimum	522	609	696	870	957	1044	1218
CBA830	Start/End	1192	1390	1589	1986	2185		
	Minimum	685	799	914	1142	1256		
CBA930	Start/End	1513	1765	2018				
	Minimum	870	1015	1160				
CBA1030	Start/End	1999	2333					
	Minimum	1150	1341					

### Spring-Return Actuators CBA-300-Series

Actuator Model	Spring Torque (Nm) Start/Min./End		Operating Pressure (Bar)											
			3	3.5	4	5	5.5	6	7	7.5	8	9	9.5	10
			Pressure Torque Output Start/Min./End (Nm)											
CBA730-SR40	Start	495	564	738	905	1186	1349	1510	1797	1957	2115	2406		
	Min.	199	222	319	409	551	639	725	872	956	1039	1188		
	End	286	313	504	681	946	1119	1287	1563	1729	1892	2174		
CBA730-SR60	Start	763		599	775	1049	1221	1388	1672	1837	2001	2290	2452	
	Min.	297		195	296	432	525	614	755	844	930	1076	1161	
	End	422		217	411	659	845	1024	1289	1465	1637	1912	2082	
CBA730-SR80	Start	1055				940	1116	1286	1565	1733	1899	2184	2349	
	Min.	390				300	405	500	638	729	819	960	1048	
	End	517				324	522	711	961	1145	1324	1587	1763	
CBA730-SR100	Start	1328						1162	1437	1611	1782	2066	2235	2403
	Min.	486						382	518	614	709	846	937	1025
	End	654						442	681	875	1062	1318	1502	1683
Actuator Model	Spring Torque (Nm) Start/Min./End		Pressure Torque Output Start/Min./End (Nm)											
			3	3.5	4	5	5.5	6	7	7.5	8	9	9.5	10
			Operating Pressure (Bar)											

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# Data sheet

Sheet No.: C3PM 1.02 Rev. C

Date: January 2011

# CBA-300 Series

## Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

### Spring-Return Actuators CBA-300-Series (cont.)

Actuator Model	Spring Torque (Nm) Start/Min./End		Operating Pressure (Bar)											
			3	3.5	4	5	5.5	6	7	7.5	8	9	9.5	10
			Pressure Torque Output Start/Min./End (Nm)											
CBA830-SR40	Start	649	741	970	1188	1557	1771	1982	2360					
	Min.	263	296	424	544	733	850	964	1158					
	End	375	412	663	896	1244	1470	1690	2053					
CBA830-SR60	Start	1018		837	1069	1436	1662	1883	2262	2481				
	Min.	389		254	392	573	697	816	1004	1121				
	End	524		255	515	842	1090	1329	1680	1914				
CBA830-SR80	Start	1375				1262	1495	1721	2092	2315				
	Min.	516				398	538	664	848	970				
	End	676				422	686	937	1268	1513				
CBA830-SR100	Start	1744						1571	1935	2162	2386			
	Min.	642						498	681	811	936			
	End	816						532	844	1100	1347			
CBA930-SR40	Start	844	965	1262	1547	2026	2306							
	Min.	346	389	558	716	964	1118							
	End	488	536	862	1166	1618	1913							
CBA930-SR60	Start	1349		1101	1393	1862	2148	2427						
	Min.	505		296	512	752	918	1074						
	End	631		296	626	1040	1357	1660						
CBA930-SR80	Start	1794				1612	1907	2194						
	Min.	675				520	705	873						
	End	850				532	867	1186						
CBA930-SR100	Start	2240						1955	2415					
	Min.	848						656	896					
	End	1073						709	1106					
CBA1030-SR40	Start	1122	1285	1677	2053	2687								
	Min.	456	513	738	946	1274								
	End	636	701	1132	1534	2131								
CBA1030-SR60	Start	1799		1490	1874	2496								
	Min.	660		372	678	996								
	End	803		372	810	1356								
CBA1030-SR80	Start	2326				2063	2455							
	Min.	902				695	935							
	End	1182				753	1195							
Actuator Model	Spring Torque (Nm) Start/Min./End		Pressure Torque Output Start/Min./End (Nm)											
			3	3.5	4	5	5.5	6	7	7.5	8	9	9.5	10
			Operating Pressure (Bar)											



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