

TORQUE DATA FOR MODEL #CGA / #CIA

TORQUE AT MAXIMUM WORKING PRESSURE - REGULAR PORT

Size	CLASS 150 FP		CLASS 300 FP		CLASS 600 FP		CLASS 900 FP		CLASS 1500 FP	
	Figure #	Inch/Lbs.	Figure #	Inch/Lbs.	Figure #	Inch/Lbs.	Figure #	Inch/Lbs.	Figure #	Inch/Lbs.
2"	CGA15-BG	310.3	CGA30-BG	425.5	CGA60-BV	709.2	CIA90-BV	850.8	CIA51-BV	1446.3
3"	CGA15-BG	443.2	CGA30-BG	709.2	CGA60-BV	1418.4	CIA90-BV	1843.4	CIA51-BV	2765.1
4"	CGA15-BG	975.1	CGA30-BG	1551.4	CGA60-BV	2881.1	CIA90-BV	3457.2	CIA51-BV	4494.1
6"	CGA15-BG	1861.6	CGA30-BG	3191.4	CGA60-BV	5141.7	CIA90-BV	7197.4	CIA51-BV	10076.3
8"	CGA15-BG	3102.7	CGA30-BG	6028.2	CGA60-BV	10212.5	CIA90-BV	13275.6	CIA51-BV	15930.1
10"	CGA15-BG	5141.7	CGA30-BG	8599.0	CGA60-BV	16781.4	CIA90-BV	25171.5	CIA51-BV	35240.1
12"	CGA15-BG	8687.7	CGA30-BG	14627.2	CGA60-BV	26417.7	CIA90-BV	31701.2	CIA51-BV	41211.5
14"	CGA15-BG	14184.0	CGA30-BG	25265.2	CGA60-BV	43527.1	CIA90-BV	56585.1	CIA51-BV	73560.5
16"	CGA15-BG	21719.2	CGA30-BG	32711.8	CGA60-BV	60547.9	CIA90-BV	84765.8	CIA51-BV	210592.1
18"	CGA15-BG	32357.2	CGA30-BG	47427.7	CGA60-BV	81912.6	CIA90-BV	106485.6	CIA51-BV	280550.4
20"	CGA15-BG	43970.4	CGA30-BG	69412.9	CGA60-BV	135745.0				
24"	CGA15-BG	56292.7	CGA30-BG	86788.3	CGA60-BV	172459.0				

*To select the actuator, adding a 25% safety factor to the required torque should be considered.