

Torque-table single-acting actuator (Nm)

Actuator Type	No. of Springs	Md F (Nm)		Pneumatic Applied Torque Md (Nm) at Minimum Control Pressure Pst (bar)																			
				2		2.5		3		3.5		4		4.5		5		5.5		6		7	
		min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
AGS 004	4	3.29	5.00	4	5	6	7	8	9														
	5	4.11	6.25	2	4	4	7	7	9														
	6	4.94	7.50			3	6	5	8	7	10												
	7	5.76	8.75					4	7	6	9	8	11										
	8	6.58	10.00									5	8	7	10	9	13						
	9	7.40	11.25										6	10	8	12	10	14					
	10	8.23	12.50											7	11	9	13	11	15				
	11	9.05	13.75												8	12	10	14	12	16			
	12	9.87	15.00													8	14	11	16	15	20		
	4	5.78	8.90	6	9	10	13																
	5	7.23	11.13	4	8	8	11	11	15														
	6	8.67	13.35			5	10	9	14	13	18												
7	10.12	15.58					7	12	11	16	14	20											
8	11.56	17.80							8	15	12	18	16	22									
9	13.01	20.03									10	17	14	21	17	24							
10	14.45	22.25										11	19	15	23	19	27						
11	15.90	24.48											13	22	17	25	20	29					
12	17.34	26.70												14	24	18	28	26	35				
4	8.90	12.30	9	12	14	18																	
5	11.13	15.38	6	10	11	15	16	21															
6	13.35	18.45			8	13	13	18	19	24													
7	15.58	21.53					10	16	16	22	21	27											
8	17.80	24.60							13	19	18	25	23	30									
9	20.03	27.68									15	22	20	28	25	33							
10	22.25	30.75										17	25	22	31	28	36						
11	24.48	33.83											19	29	24	34	30	39					
12	26.70	36.90												21	32	27	37	37	48				
4	14.80	21.50	15	22	24	31																	
5	18.50	26.88	9	18	19	27	28	36															
6	22.20	32.55			13	23	22	32	31	41													
7	25.90	37.63					17	29	26	38	35	47											
8	29.60	43.00							21	34	30	43	39	52									
9	33.30	48.38								24	39	33	48	42	57								
10	37.00	53.75										28	45	37	54	46	63						
11	40.70	59.13											32	50	41	59	50	68					
12	44.40	64.50												35	55	44	65	63	83				
4	21.10	31.20	20	30	33	43																	
5	26.38	39.00	12	25	25	37	38	50															
6	31.65	46.80			17	32	30	45	42	58													
7	36.93	54.60					22	40	35	52	47	65											
8	42.40	62.40							27	47	40	60	52	73									
9	47.48	70.20								32	55	45	67	57	80								
10	52.75	78.00										37	62	50	75	62	88						
11	58.03	85.80											42	69	54	82	67	95					
12	63.30	93.60												47	77	59	90	85	115				
4	35.00	54.40	36	56	59	78																	
5	43.75	68.00	23	47	45	69	48	92															
6	52.50	81.60			32	61	54	83	77	106													
7	61.25	95.20					41	75	63	97	86	120											
8	70.00	108.80							50	89	72	111	95	134									
9	78.75	122.40								59	102	81	125	104	148								
10	87.50	136.00										68	116	90	139	113	162						
11	96.25	149.60											77	130	99	163	122	175					
12	105.00	163.20												86	144	109	167	154	212				
4	47.90	71.70	46	70	76	99																	
5	59.88	89.63	28	58	58	87	87	117															
6	71.85	107.55			40	75	69	105	99	134													
7	83.83	125.48					51	93	81	122	110	152											
8	95.80	143.40							63	110	92	140	122	169									
9	107.78	161.33								74	128	104	157	133	187								
10	119.75	179.25										86	145	115	175	145	204						
11	131.73	197.18											97	163	127	192	156	222					
12	143.70	215.10												109	180	138	210	197	268				

Actuator Type	No. of Springs	Md F (Nm)		Pneumatic Applied Torque Md (Nm) at Minimum Control Pressure Pst (bar)																					
				2		2.5		3		3.5		4		4.5		5		5.5		6		7			
		min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max		
AGS 090	4	72.50	109.00	76	112	122	159																		
	5	90.63	136.25	49	94	95	140	141	187																
	6	108.75	163.50			68	122	114	169	160	215														
	7	126.88	190.75							87	150	133	197	179	243										
	8	145.00	218.00									106	179	152	225	198	271								
	9	163.13	245.25											124	207	171	253	217	299						
	10	181.25	272.50													143	235	190	281	236	327				
	11	199.38	299.75															162	263	209	309	255	355		
	12	217.50	327.00																	181	291	228	337	320	430
	4	117.70	175.50	106	164	176	234																		
	5	147.13	219.38	62	134	132	205	203	275																
	6	176.55	263.50			88	175	159	245	229	316														
7	205.98	307.13					115	216	185	286	256	357													
8	235.40	351.00							141	257	212	327	282	398											
9	264.83	394.88									168	298	238	368	308	439									
10	294.25	438.75											194	339	265	409	335	479							
11	323.68	482.63													221	380	291	450	361	520					
12	353.10	526.50															247	421	318	491	458	632			

Actuator Weights (Kgs)

Size	002	004	007	010	018	025	045	055	090	130
Double Acting	0.7	1.1	1.6	2.0	2.60	3.50	5.80	8.50	10.40	15.00
Single Acting	N/A	1.3	1.8	2.3	3.00	4.30	6.60	9.90	12.9	19.10

Torque-table double-acting actuator (Nm)

Actuator type	Control Pressure Pst (bar)										
	2	2.5	3	3.5	4	4.5	5	5.5	6	7	8
002	5.1	6.4	7.6	8.9	10.2	11.4	12.7	14.0	15.2	17.8	20.3
004	8.5	10.6	12.8	14.9	17.0	19.1	21.3	23			