

Technical Data for OPEN - CLOSE Duty

auma®		Technical Data OPEN-CLOSE Duty								SA 3 - SA 100			
Model	Output Speed at 50Hz rpm	Torque Range ¹⁾ S2-15min		Running Torque ²⁾ S2-15min Nm	Valve Attachment		Stem Dia. O/P drive Type A Max. mm	Permissible Thrust for Type A Max. kN	Hand-wheel Dia. Std. mm	Handwheel Ratio		Weight (without epac unit) ⁴⁾ approx.	
		Min.Nm	Max.Nm		Standard DIN:3210	Option ISO:5210				Std.	With TBG*	Std. kg	With TBG* kg
SA 3	11	20	30	11	G 0	F 10	26	25	250	1:1	2:1	33	39
	16												
	22												
	32												
	45												
	63												
	90												
	125 ³⁾												
180 ³⁾													
SA 3.5	16	20	35	11.5	G 0	F 10	26	25	250	1:1	2:1	33	39
SA 6	4	20	60	21	G 0	F 10	26	40	250	1:1	2:1	33	39
	5.6												
	8												
	11												
	16												
	22												
	32												
	45												
	63												
	90												
125 ³⁾													
180 ³⁾													
SA 12	4	40	120	42	G 0	F 10	38	60	250	1:1	2:1	33	39
	5.6												
	8												
	11												
	16												
	22												
	32												
	45												
	63												
	90												
125 ³⁾													
180 ³⁾													
SA 15	4	50	150	53	G 0	F 10	38	60	250	1:1	2:1	33	39
	5.6												
	8												
	11												
	16												
	22												
	32												
	45												
	63												
	90												
SA 25	4	100	250	88	G ½	F 14	52	120	360	1:1	3:1	71	87
	5.6												
	8												
	11												
	16												
	22												
	32												
	45												
	63												
	90												
125 ³⁾													
180 ³⁾													

- 1) Tripping torque adjustable for both direction .
- 2) Permissible average torque for the whole travel .
- 3) Non Self locking .
- 4) The approximate weight of an epac unit is 16 Kg .

We reserve the right to alter data according to improvements made. Previous data sheets become invalid with the issue of this data sheet.

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		Model	Output Speed at 50Hz rpm	Torque Range ¹⁾ S2-15Min.		Running Torque ²⁾ S2-15min Nm	Valve Attachment		Stem Dia. O/P drive Type A Max. mm	Permissible Thrust for Type A Max. kN	Hand-wheel Dia. Std. mm	Handwheel Ratio	
Min.Nm	Max.Nm			Standard DIN:3210	Option ISO:5210		Std.	With TBG*				Std.	kg
SA 30	4	100	300	105	G ½	F 14	52	120	360	1:1	3:1	71	87
	5.6												
	8												
	11												
	16												
	22												
	32												
	45												
	63												
	90												
SA 50	125 ³⁾	200	500	175	G ½	F 14	52	160	640	1:1	3:1	99	116
	180 ³⁾												
	4												
	5.6												
	8												
	11												
	16												
	22												
	32												
	45												
63													
90													
SA 60	125 ³⁾	200	600	210	G ½	F 14	52	160	640	1:1	3:1	99	116
	180 ³⁾												
	4												
	5.6												
	8												
	11												
	16												
	22												
	32												
	45												
63													
90													
SA 100	125 ³⁾	400	1000	350	G 3	F 16	65	190	800	1:1	4:1	131	152
	180 ³⁾												
	4												
	5.6												
	8												
	11												
	16												
	22												
	32												
	45												
63													
90													

Enclosure: IP68 - IS:13947 (Part I) :1993, Appendix C / IEC 60947 - I : 2004.

Actuators are rated for short time duty S2-15 min, based on 40°C ambient temperature. The nominal current is based on running torque approximately 35% of max. torque. The max. torque can be utilised for a short time (e.g. to seat or unseat a valve) and the current can rise to max. value, refer corresponding column for current at max. torque in Electrical Data.

Note : Revolution for Full Stroke (Min./Max.) - 1 - 480 or 1 - 4800
* - Top Bevel Gear Set.

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