

## Technical Data for OPEN-CLOSE Duty

auma®	Technical Data - OPEN-CLOSE Duty								SA3 - SA100				
Model	Output Speed at 50Hz rpm	Torque Range <sup>1)</sup> S2-15min Nm		Running Torque <sup>2)</sup> 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) <sup>4)</sup> approx.	
		Min. Nm	Max. Nm		Standard DIN:3210	Option ISO:5210				Std.	With TBG*	Std. kg	With TBG* kg
SA3	11	20	30	11	G 0	F 10	26	25	250	1:1	2:1	33	39
	16												
	22												
	32												
	45												
	63												
	90												
SA3.5	125 <sup>3)</sup>	20	35	11.5	G 0	F 10	26	25	250	1:1	2:1	33	39
	180 <sup>3)</sup>												
SA6	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												
	SA6	125 <sup>3)</sup>	20	55	21	G 0	F 10	26	40	250	1:1	2:1	33
180 <sup>3)</sup>													
SA12	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												
	SA12	125 <sup>3)</sup>	40	110	42	G 0	F 10	38	60	250	1:1	2:1	33
180 <sup>3)</sup>													
SA15	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												
	SA25	4	100	250	88	G 1/2	F 14	52	120	360	1:1	3:1	71
5.6													
8													
11													
16													
22													
32													
45													
63													
90													
SA25		125 <sup>3)</sup>	100	220	88	G 1/2	F 14	52	120	360	1:1	3:1	71
	180 <sup>3)</sup>												

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 alter data according to improvements made. Previous data sheets become invalid with the issue of this data she et.

## auma®

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Model	Output Speed at 50Hz rpm	Torque Range <sup>1)</sup> S2-15min Nm		Running Torque <sup>2)</sup> S1-15min Nm	Valve Attachment		Stem Dia. O/P drive Type A Max. mm	Permissible Thrust for Type A Max. kN	Handwheel Dia. Std. mm	Handwheel Ratio		Weight (without epac unit) <sup>4)</sup> approx.	
		Min.Nm	Max. Nm		Standard DIN:3210	Option ISO:5210				Std .	With TBG *	Std . kg	With TBG* kg
SA30	4	100	300	105	G 1/2	F 14	52	120	360	1:1	3:1	71	87
	5.6												
	8												
	11												
	16												
	22												
	32												
	45												
	63												
	90												
	125 <sup>3)</sup>	100	264										
	180 <sup>3)</sup>												
SA50	4	200	500	175	G 1/2	F 14	52	160	640	1:1	3:1	99	116
	5.6												
	8												
	11												
	16												
	22												
	32												
	45												
	63												
	90												
	125 <sup>3)</sup>	200	450										
	180 <sup>3)</sup>												
SA60	4	200	600	210	G 1/2	F 14	52	160	640	1:1	3:1	99	116
	5.6												
	8												
	11												
	16												
	22												
	32												
	45												
	63												
	90												
	125 <sup>3)</sup>	200	540										
	180 <sup>3)</sup>												
SA100	4	400	1000	350	G 3	F 16	65	190	800	1:1	4:1	131	152
	5.6												
	8												
	11												
	16												
	22												
	32												
	45												
	63												
	90												
	125 <sup>3)</sup>	400	900										
	180 <sup>3)</sup>												

Enclosure: IP68 -15:13947 (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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