

# Technical Data for REGULATING Duty

<b>auma®</b>		Technical Data REGULATING Duty						SAREx6 - SAREx100						
Model	Output Speed at 50Hz rpm	Torque Range <sup>1)</sup> S4-25%		Modulating Torque <sup>2)</sup> S4-25% Nm	Valve Attachment		Number of starts max. c/h	Stem Dia. O/P drive Type A Max.mm	Permissible Thrust for Type A Max. kN	Hand Wheel Dia. Std. mm	Hand Wheel Ratio		Weight approx.	
		Min.Nm	Max.Nm		Standard DIN:3210	Option ISO:5210					Std.	With TBG*	Std. kg	With TBG* kg
SAREx 6	4	30	60	30	G 0	F 10	1200	26	40	250	1:1	2:1	63	69
	5.6													
	8													
	11													
	16													
	22													
	32													
45														
SAREx 12	4	60	120	60	G 0	F 10	1200	38	60	250	1:1	2:1	63	69
	5.6													
	8													
	11													
	16													
	22													
	32													
45														
SAREx 15	4	60	150	75	G 0	F 10	1200	38	60	250	1:1	2:1	63	69
	5.6													
	8													
	11													
	16													
	22													
	32													
45														
SAREx 25	4	120	250	125	G ½	F 14	1200	52	120	360	1:1	3:1	91	107
	5.6													
	8													
	11													
	16													
	22													
	32													
45														
SAREx 30	4	150	300	150	G ½	F 14	1200	52	120	360	1:1	3:1	91	107
	5.6													
	8													
	11													
	16													
	22													
	32													
45														
SAREx 50	4	250	500	250	G ½	F 14	1200	52	160	640	1:1	3:1	94	111
	5.6													
	8													
	11													
	16													
	22													
	32													
45														
SAREx 60	4	300	600	300	G ½	F 14	1200	52	160	640	1:1	3:1	94	111
	5.6													
	8													
	16													
	22													
	32													
	45													
SAREx 100	4	500	1000	500	G 3	F 16	1200	65	190	800	1:1	4:1	153	174
	5.6													
	8													
	11													
	16													
	22													
	45													

- 1) Tripping torque adjustable for both direction.  
2) Permissible average torque for the whole travel.

Explosion protection : Group IIA, IIB - IS/ IEC 60079-1  
Enclosure : IP65 / IP67 / IP68 - IS/ IEC 60947  
Temperature class : T4 - IS/ IEC 60079-0

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.

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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