

Technical Data for Regulating Duty

auma [®]	Technical Data Regulating Duty										SAR3 - SAR100			
Model	Output Speed at 50Hz rpm	Torque Range ¹⁾ S4-25%		Modulating Torque ²⁾ 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	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
SAR3	11	20	30	20	G 0	F 10	1200	26	25	250	1:1	2:1	33	39
	16													
	22													
	32													
	45													
SAR6	4	30	60	30	G 0	F 10	1200	26	40	250	1:1	2:1	33	39
	5.6													
	8													
	11													
	16													
	22													
	32													
	45													
SAR12	4	60	120	60	G 0	F 10	1200	38	60	250	1:1	2:1	33	39
	5.6													
	8													
	11													
	16													
	22													
	32													
45	900													
SAR15	4	60	150	75	G 0	F 10	1200	38	60	250	1:1	2:1	33	39
	5.6													
	8													
	11													
	16													
	22													
SAR25	4	120	250	125	G 1/2	F 14	1200.00	52	120	360	1:1	3:1	71	87
	5.6													
	8													
	11													
	16													
	22													
	32													
45	900	600												
SAR30	4	150	300	150	G 1/2	F 14	1200	52	120	360	1:1	3:1	71	87
	5.6													
	8													
	11													
	16													
	22													
32	600													
SAR50	4	250	500	250	G 1/2	F 14	1200	52	160	640	1:1	3:1	99	116
	5.6													
	8													
	11													
	16													
	22													
	32													
45	600													
SAR60	4	300	600	300	G 1/2	F 14	1200	52	160	640	1:1	3:1	99	116
	5.6													
	8													
	16													
	22						600							
SAR100	4	500	1000	500	G 3	F 16	600	65	190	800	1:1	4:1	131	152
	5.6													
	8													
	11													
	16													
	22													
	32													
45	1200	900												

1) Tripping torque adjustable for both directions.
 2) Permissible average torque for the whole travel.
 3) The approximate weight of an epac unit is 16 kg. Enclosure: IP68 -IS:13947 (Part I) : 1993, Appendix C / IEC 60947- I : 2004

Actuators are rated for intermittent duty S4-25% ED, based on 40° C ambient temperature. The nominal current is based on modulating torque of approximately 35% of max. torque. The max. torque can be utilized for a short time (e.g. to seat or unseat a valve) and the current can raise 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

