

ServoOne - Single axis system (AC) Technical data
with air-cooling (A) or liquid cooling L)

	BG1	BG2	BG3	BG4	BG5	BG6	BG6a	BG7 ¹⁾²⁾
Nominal voltage	3 x 230/400/480 V AC (AC) 565/770 V DC (DC)				3 x 400/480 V AC			
Rated current [A_{rms}]	4/6 (A)	8/12 (A)	16/20 (A) 20/25 (L)	24/32 (A) 30/40 (L)	45/60/72 (A) 54/70/84 (L)	90/110 (A) 110/130 (L)	143/170/210 (A) 170/200/250 (L)	250/325/450 (L)
Peak current [A_{rms}]	8/12 (AC) 12/18 (DC)	16/24 (AC) (DC)	24/36 32/40 (AC) (DC)	48/60 72/96 (DC)	48/64 (AC) 72/96 (DC)	90/120/144	180/220	286/315/315 375/485/675
Cooling	Air- cooling				Air-/liquid cooling			
Field buses (Option 1)	EtherCAT, SERCOS II & III, PROFINET IRT, VARAN, CANopen, PROFIBUS-DPV1							
Technology (Option 2)	Sin/Cos-encoder, TTL-Encoder simulation/-Encoder input							
Safety technology	STO according SIL 2 to IEC 61508/IEC 62061, PL d to EN ISO 13849							
Integrated safety control	optional (SIL 3 to IEC 61508/IEC 62061, PL e to EN ISO 13849)					3)		
Approvals	CE, UL							
Dimensions (W x H x D) [mm]	58.5 x 355 x 244	90 x 355 x 244	130 x 355 x 244	175 x 355 x 244	190 x 382,5 x 255	280 x 600 x 240	280 x 600 x 320	380 x 900 x 300

¹⁾ preliminary data ²⁾ available from November 2009 on ³⁾ with external Safe Monitoring Control (SMC)

*Information and specifications are subject to change at any time.
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