

MS2E SERVO MOTORS

The motor generation MS2E offers highest dynamics and safety in ATEX applications up to equipment group II and equipment category III for dust and gas. The self-cooled motors of this series offer overlapping torque ranges in six sizes with maximum torques up to 266 Nm. With safe high-resolution single or multi-turn encoders in SIL2 PLd and with optional holding brake or keyway, they are predestined for tailor-made drive solutions in all potentially explosive atmospheres.

You can find more information at: www.ctrlx-automation.com/ctrlx-drive

[Configurator](#)

[Community](#)

[Contact](#)

Technical data

Type	Unit	MS2E03	MS2E04	MS2E05
Sizes		B, D	B, C	B, C, D
Max. torque M_{max}	Nm	3.75 - 7.4	6.4 - 13.5	11.5 - 34.0
$M_{0.60K}$ self cooling	Nm	0.73 - 1.15	1.75 - 2.8	3.75 - 7.9
Flange size	mm	58	82	98
Centring collar	mm	40	50	95
Shaft diameter	mm	9/11	14	19
Conformity		ATEX for zone 2 (gas) and 22 (dust), device group II, category 3		

Type	Unit	MS2E06	MS2E07	MS2E10
Sizes		C, D, E	C, D, E	C, D, E
Max. torque M_{max}	Nm	17.3 - 53.4	38.8 - 119.5	76.8 - 266.0
$M_{0.60K}$ self cooling	Nm	6.0 - 13.0	12.8 - 29.2	30.2 - 64.0
Flange size	mm	116	140	196
Centring collar	mm	95	130	180
Shaft diameter	mm	24	32	38
Conformity		ATEX for zone 2 (gas) and 22 (dust), device group II, category 3		



The data specified above only serve to describe the product. No statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgment and verification. It must be remembered that our products are subject to a natural process of wear and aging.