



Technical data



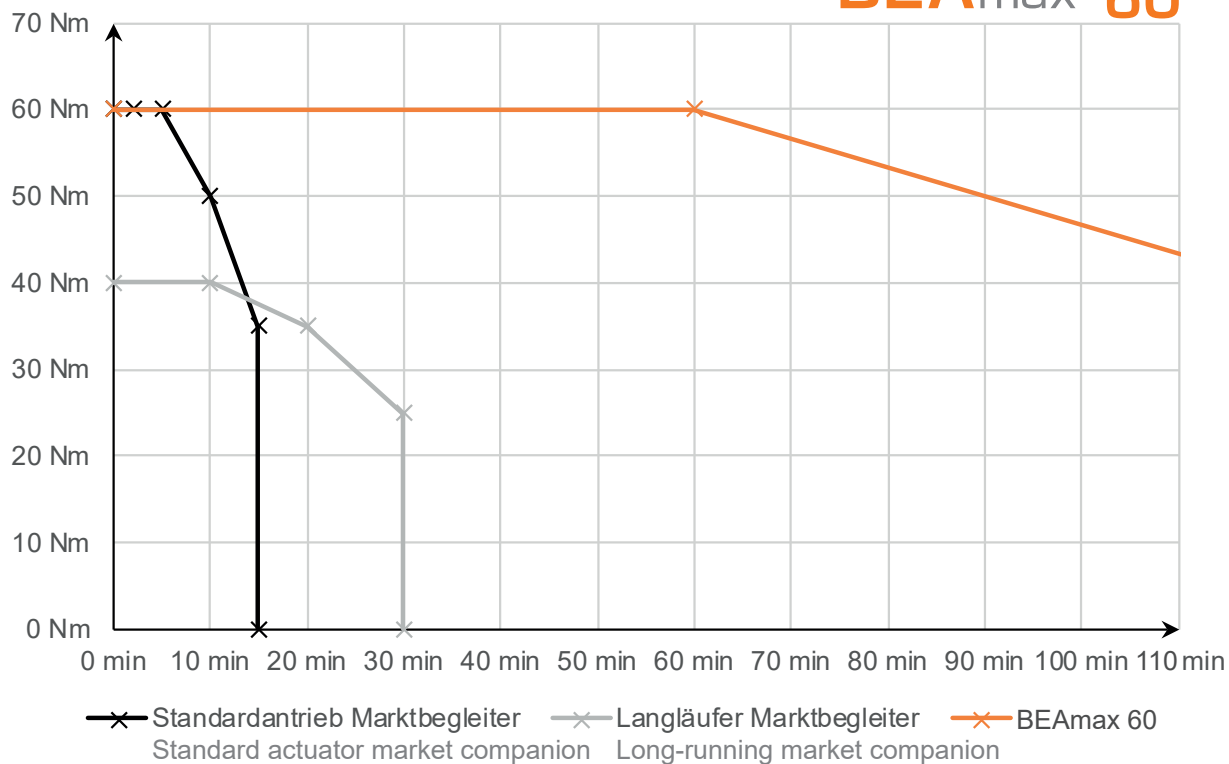
ACTUATOR	BEAmax® 60	BEAmax® 120
Material housing	Stainless steel A4	Stainless steel A4
Cut-out torque	10...60 Nm	10...120 Nm
Speed	29 min ⁻¹	29 min ⁻¹
Voltage	3 ~ 400 V 50Hz	3 ~ 400 V 50Hz
Power	0,75 kW	0,75 kW
Temperature range	-40 °C...+70 °C	-40 °C...+70 °C
Degree of protection	IP68++ up to 8 mwc (max. 30 days permanently waterproof)	IP68++ up to 8 mwc (max. 30 days permanently waterproof)
Power-on time	Modulating duty (Class C) S4 - 25 %	Modulating duty (Class C) S4 - 25 %
Operating mode/ Running time at full load	S2 - 60 min	S2 - 30 min
Motor protection	Thermal contact (NC)	Thermal contact (NC)

CONTROL UNIT	BEAmax® 60	BEAmax® 120
In-situ control unit	<ul style="list-style-type: none"> • Rotary-push button operation • 3.5" TFT display for operation and position indication • Position indication in case of power failure (buffered with accumulators) 	<ul style="list-style-type: none"> • Rotary-push button operation • 3.5" TFT display for operation and position indication • Position indication in case of power failure (buffered with accumulators)
Control via 24V control signals	<ul style="list-style-type: none"> • DIN1 CLOSED • DIN2 STOP • DIN3 OPEN • DIN4 EMERGENCY POSITION • DIN5 EMERGENCY STOP 	<ul style="list-style-type: none"> • DIN1 CLOSED • DIN2 STOP • DIN3 OPEN • DIN4 EMERGENCY POSITION • DIN5 EMERGENCY STOP
Fieldbus (optional)	PROFIBUS DP available, PROFINET in preparation, other versions available on request	PROFIBUS DP available, PROFINET in preparation, other versions available on request
Position setpoint	AIN1-position setpoint via analog input 0/4...20mA	AIN1-position setpoint via analog input 0/4...20mA
Messages	<ul style="list-style-type: none"> • K1-DSR (torque switch-off closing) (1NO and 1NC) • K2-DOEL (torque switch-off opening) (1NO and 1NC) • K3-WSR (end position CLOSED) (1NO and 1NC) • K4-WOEL (end position OPEN) (1NO and 1NC) • K5-BL (drive rotates) (1NO) • K6-TK (thermal contact) (1NO) • K7-SM (collective fault signal) (1NO) • K10-ORT (local mode active) (1NO) • K11-FERN (remote mode active) (1NO) • K12-HA (handwheel monitoring) (1W) 	<ul style="list-style-type: none"> • K1-DSR (torque switch-off closing) (1NO and 1NC) • K2-DOEL (torque switch-off opening) (1NO and 1NC) • K3-WSR (end position CLOSED) (1NO and 1NC) • K4-WOEL (end position OPEN) (1NO and 1NC) • K5-BL (drive rotates) (1NO) • K6-TK (thermal contact) (1NO) • K7-SM (collective fault signal) (1NO) • K10-ORT (local mode active) (1NO) • K11-FERN (remote mode active) (1NO) • K12-HA (handwheel monitoring) (1W)
Position feedback	AOUT1 actual position value via analog output 0/4...20mA	AOUT1 actual position value via analog output 0/4...20mA
Torque feedback	AOUT2 actual torque value via analog output 0/4...20mA	AOUT2 actual torque value via analog output 0/4...20mA



Laufzeitvergleich Operatoring time comparsion

BEAmax[®] 60



BEAmax[®] 120

