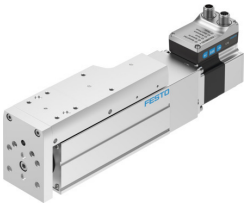
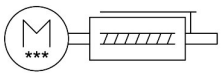
Mini slide unit
EGSS-BS-KF-60-75-12P-ST-M-H1-PLK-AA

Part number: 8083717





Data sheet

Feature	Value
Working stroke	75 mm
Size	60
Stroke reserve	0 mm
Spindle diameter	12 mm
Spindle pitch	12 mm/U
Mounting position	optional
Guide	Recirculating ball bearing guide
Design	Electric mini slide With ball screw drive With integrated drive
Spindle type	Ball screw drive
Position detection	Motor encoder Via proximity switch
Rotor position sensor	Absolute single-turn encoder
Rotor position sensor, encoder measuring principle	Magnetic
Additional functions	User interface Integrated end-position sensing
Display	LED
Max. acceleration	5 m/s²
Max. speed	0.24 m/s
Repetition accuracy	±0.015 mm
Features of digital logic outputs	Configurable Not galvanically isolated
Duty cycle	100%
Insulation protection class	B
Max. current digital logic outputs	100 mA
Max. current consumption	5.3 A
Max. current consumption, logic	300 mA
Nominal voltage DC	24 V
Nominal current	5.3 A
Parameterisation interface	IO-Link User interface
Permissible voltage fluctuations	+/- 15%

Feature	Value
Power supply, connection type	Plugs
power supply, connection system	M12x1, T-coded according to EN 61076-2-111
Power supply, number of pins/wires	4
Approval	RCM trademark
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
Corrosion resistance class CRC	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Storage temperature	-20 °C...60 °C
Relative air humidity	0 - 90%
Degree of protection	IP40
Ambient temperature	0 °C...50 °C
Note on ambient temperature	Power must be reduced by 2% per K at ambient temperatures above 30°C.
Max. force Fy	4937 N
Max. force Fz	4937 N
Fy at theoretical life value of 100 km (only guide consideration)	13400 N
Fz at theoretical life value of 100 km (only guide consideration)	13400 N
Max. moment Mx	20 Nm
Max. moment My	30 Nm
Max. moment Mz	30 Nm
Mx at theoretical life value of 100 km (only guide consideration)	107 Nm
My at theoretical life value of 100 km (only guide consideration)	117 Nm
Mz at theoretical life value of 100 km (only guide consideration)	117 Nm
Max. radial force at drive shaft	420 N
Max. feed force Fx	250 N
Reference value effective load, horizontal	10 kg
Reference value effective load, vertical	10 kg
Feed constant	12 mm/U
Reference service life	5000 km
Moving mass for 0 mm stroke	675 g
Additional moving mass per 10 mm stroke	40 g
Product weight	3447 g
Basic weight for 0 mm stroke	2735 g
Additional weight per 10 mm stroke	95 g
Number of digital logic outputs 24 V DC	2
Number of digital logic inputs	2
Working range of logic input	24 V
Features of logic input	Configurable Not galvanically isolated
IO-Link, Process data content OUT	1-bit (move in) 1-bit (move out) 1-bit (quit error) 1 bit (move intermediate)
IO-Link, Process data content IN	1-bit (state device) 1 bit (intermediate state) 1-bit (state move) 1-bit (state in) 1-bit (state out)
IO-Link, Service data IN	32-bit force 32-bit position 32-bit speed
IO-Link, Data storage required	0.5 KB
Switching logic for inputs	PNP (positive switching)
Logic interface, connection type	Plug
Logic interface, connection technology	M12x1, A-coded according to EN 61076-2-101

Feature	Value
Logic interface, number of pins/wires	8
Type of mounting	Via female thread Via centring sleeve With accessories Via cylindrical pin
Note on materials	RoHS-compliant
Material guide slide	Rolled steel
Material guide rail	Rolled steel
Material spindle	Rolled steel