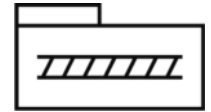
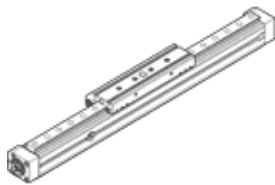


Positioning axis

DMES-25- -

Part number: 533700

FESTO



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	values
Working stroke	50 ... 700 mm
Size	25
Reversing play in relation to the distance	Diagram
Spindle diameter	12 mm
Spindle pitch	2.5 mm/U
Assembly position	Any
Guide	Plain-bearing guide Recirculating ball bearing guide
Design structure	Electromechanical linear axis With sliding threaded spindle
Spindle type	Plain thread
Max. acceleration	2.5 m/s ²
Max. speed	0.05 m/s
Repetition accuracy	+/-0,05 mm
Duty cycle	100%
Protection class	IP40
Ambient temperature	0 ... 50 °C
Max. drive torque	0.9 Nm
Max. radial force at drive shaft	75 N
Max. feed force F _x	500 N
Position rigidity	2,300 N/mm
No-load driving torque	0.2 Nm
Reference value, running performance	100 km
Lubrication interval, distance dependent	35 km
Material information, end cap	Wrought Aluminium alloy Anodised
Material information, driver	Wrought Aluminium alloy Anodised
Material information, profile	Wrought Aluminium alloy Anodised
Materials note	Contains PWIS substances
Material information, cover strip	High alloy steel, non-corrosive
Material information, drive unit cover	Wrought Aluminium alloy Anodised
Material information, rotor	Wrought Aluminium alloy Anodised
Material information, slide unit	Wrought Aluminium alloy Anodised
Material information, spindle nut	POM
Material information, spindle	Steel