

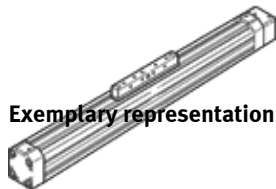
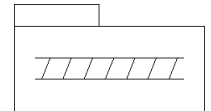
Spindle axis DGE-18- -SP

Part number: 193745
Product to be discontinued

FESTO

Electromechanical linear axis with spindle

Type to be discontinued. Available until 2021. See Support Portal for alternative products.



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Size	18
Stroke reserve	6.5 mm
Spindle diameter	8 mm
Spindle pitch	4 mm/U
Guide	Recirculating ball bearing guide Heavy-duty guide
Design structure	Electromechanical linear axis With spindle
Motor type	Stepper motor Servomotor
Max. speed	0.2 m/s
Repetition accuracy	±0,02 mm
Ambient temperature	0 ... 40 °C
Max. drive torque	0.1 Nm
Max. radial force at drive shaft	40 N
Max. feed force Fx	140 N
No-load driving torque	0.04 Nm
Mass moment of inertia JH per meter of stroke	0.031 kgcm ²
Mass moment of inertia JL per kg of working load	0.00405 kgcm ²
Feed constant	4 mm/U
Material of end caps	Wrought Aluminum alloy Anodized
Material of moment compensator	Wrought Aluminum alloy Anodized
Material of profile	Wrought Aluminum alloy Anodized
Material cover tape	High alloy steel, non-corrosive
Material drive cover	Wrought Aluminum alloy Anodized
Material guide slide	Wrought Aluminum alloy Anodized
Material guide rail	Roller bearing steel corrotec coated
Material spindle nut	Roller bearing steel
Material spindle	Roller bearing steel