

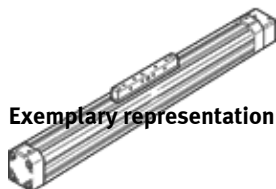
# Spindle axis DGE-40- -SP

Part number: 193747  
Product to be discontinued

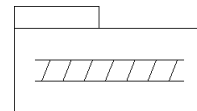
FESTO

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	40
Stroke reserve	20 mm
Spindle diameter	20 mm
Spindle pitch	20 mm/U
Guide	Recirculating ball bearing guide Heavy-duty guide
Design structure	Electromechanical linear axis With spindle
Motor type	Stepper motor Servomotor
Max. acceleration	6 m/s <sup>2</sup>
Max. speed	1 m/s
Repetition accuracy	±0,02 mm
Ambient temperature	0 ... 40 °C
Max. drive torque	2.1 Nm
Max. radial force at drive shaft	250 N
Max. feed force F <sub>x</sub>	600 N
Mass moment of inertia J <sub>H</sub> per meter of stroke	1 kgcm <sup>2</sup>
Mass moment of inertia J <sub>L</sub> per kg of working load	0.101 kgcm <sup>2</sup>
Feed constant	20 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