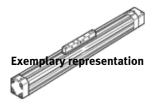
## Spindle axis DGE-40- -SP

Part number: 193747 Product to be discontinued

Electromechanical linear axis with spindle

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



## **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/s2	
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 Fx	600 N	
Mass moment of inertia JH per meter of stroke	1 kgcm2	
Mass moment of inertia JL per kg of working load	0.101 kgcm2	
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	_

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