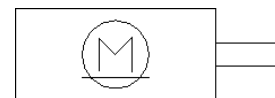
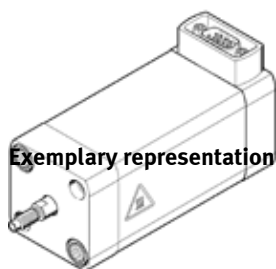


Short stroke cylinder ADNE-40- -LAS

Part number: 566416

FESTO

with integrated linear motor.



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Size	40
Stroke	20 ... 45 mm
Based on the standard	ISO 21287
Assembly position	Horizontal
Operating mode of drive unit	Piston rod
Motor type	Linear AC synchronous motor
Design structure	Electric cylinder Piston rod Electric linear direct drive
Temperature monitoring	Shutdown at over-temperature
Max. speed	1.5 ... 1.6 m/s
Max. switching frequency, short	4.2 ... 11.6 Hz
Min. positioning time	36 ... 100 ms
Repetition accuracy	+/-0,1 mm
CE mark (see declaration of conformity)	to EU directive for EMC
Corrosion resistance classification CRC	2
Storage temperature	-20 ... 60 °C
Max. motor temperature	70 °C
Motor temperature in teach-in procedure	15 ... 50 °C
Standard temperature	23 °C
Protection class	IP65 IP40
Ambient temperature	0 ... 40 °C
Authorisation	C-Tick
Permanent feed force	11 ... 14.2 N
Peak feed force	16 ... 51 N
Electrical connection	Plug 9-pin Sub-D
Mounting type	with accessories with internal (female) thread
Material information, cover	Anodised Wrought Aluminium alloy
Materials note	Contains PWIS substances Conforms to RoHS
Materials information for cover	Wrought Aluminium alloy Anodised
Material information, electrical connection	NBR VMQ PBT Galvanised Brass

Feature	Value
Materials information, housing	Wrought Aluminium alloy Smooth anodised
Materials information for piston rod	High alloy steel, non-corrosive
Screw material data	Steel Galvanised