

Guided Drive DFM-32-200-P-A-GF - Festo 170863

Item no. FES-170863

Manufacturer Festo

EAN 4052568139766

Festo pneumatic cylinder for precise linear motion and defined force in automation.

TECHNICAL DATA

Betriebsdruck max [bar]	10.000000
Bore (mm)	32.000000
Corrosion resistance class CRC	1 - low corrosion stress
Cushioning	P: Elastic silencer rings / plates double-sided
Design	Guide
Dichtmaterial	NBR
Funktion	double-acting
HS-Code	84123100
Hub [mm]	200
Material	Aluminium
Medium	Compressed air
Mounting position	arbitrary
Operating conditions	ISO 8573-1
Pneumatic connection	G1/8
Position sensing	Yes
Series	DFM
Temperature (max.)	80
Weight	4.781 kg



STANDARDS & COMPLIANCE

ISO 8573-1:2010

DESCRIPTION

Festo pneumatic cylinder for precise linear motion and defined force in automation. The key technical data of this genuine Festo article are listed below.

Centre of mass distance of payload to Joch plate [mm]	50
Stroke [mm]	200
Piston diameter	32 mm
Operating mode actuator unit	Joch
Dampening	P: Elastic silencer rings / plates double-sided
installation position	arbitrary

esd.equipment

Keldersstr. 15

42697 Solingen, Deutschland

VAT ID: DE269659389

Phone: +49 212 38340680

shop@esd-equipment.com

esd.equipment

Page 1/2

Guide	sliding guide
Construction set up	Guide
Position detection	For proximity switch
Operating pressure [bar]	1.5 to 10
Max. speed [m/s]	0,8
Principle of operation	double acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Information about operating and control medium	Oiled operation possible (required in further operations)
Corrosion resistant class KBK	1 - low corrosion stress
ambient temperature [°C]	-20 to 80
Impact energy at the end positions [J]	0,400
Max. permitted moment load Mx depending on stroke [Nm]	5,000
Max. usable load depending on the stroke at a defined distance xs [N]	127,00
Theoretical force at 6 bar, Return flow [N]	415
Theoretical force at 6 bar, flow [N]	482
Moving mass [g]	2.232,0
Product weight [g]	4.781,0
Alternative connections	See product drawing
Pneumatic connection	G1/8
Material information	RoHs compliant
Cover material	Aluminium wrought alloy
Seals material	NBR
Housing material	Aluminium wrought alloy
Piston rod material	High-alloyed stainless steels