

Linear Drive DLGF-KF-32-300-PPSA - Festo 5074804

Item no. FES-5074804

Manufacturer Festo

EAN 4052568419578

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

TECHNICAL DATA

Betriebsdruck max [bar]	8.000000
Bore (mm)	32.000000
Corrosion resistance class CRC	1 - low corrosion stress
Cushioning	PPS: Self-setting pneumatic end position dampening
Dichtmaterial	NBR, TPE-U(PU)
Funktion	double-acting
HS-Code	84123100
Hub [mm]	300
Material	Aluminium
Medium	Compressed air
Mounting position	arbitrary
Pneumatic connection	G1/8
Position sensing	Yes
Series	DLGF
Temperature (max.)	60
Weight	4.91 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.

Stroke [mm]	300
Piston diameter	32 mm
Dampening	PPS: Self-setting pneumatic end position dampening
installation position	arbitrary
Guide	ball guide
Carrier principle	Form-fitting (slot)
Position detection	For proximity switch
Operating pressure [bar]	1.5 to 8

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Principle of operation	double acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]
Information about operating and control medium	Oiled operation possible (required in further operations)
Corrosion resistant class KBK	1 - low corrosion stress
ambient temperature [°C]	0 to 60
Dampening length [mm]	11,6
Max. force Fy [N]	1.300
Max. Kraft -Fz (hin zum Antrieb) [N]	1.600
Max. Kraft +Fz (weg vom Antrieb) [N]	950
Max. torque Mx [Nm]	30,0
Max. torque My [Nm]	50,0
Max. torque Mz [Nm]	50,0
Theoretical force at 6 bar, Return flow [N]	483
Theoretical force at 6 bar, flow [N]	483
Moving mass [g]	1.290
Product weight [g]	4.910
Alternative connections	See product drawing
Fastening type	mit Zubehör Direktbefestigung über Durchgangsbohrung
Pneumatic connection	G1/8
Material information	RoHS konform kupferfrei
Cover material	Aluminium-Guss, beschichtet
Seals material	NBR TPE-U(PU)
Housing material	Anodised aluminium