

Standards-Based Cyli DSNU-8-80-P-A - Festo 19181

Item no. FES-19181

Manufacturer Festo

EAN 4052568066932

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

TECHNICAL DATA

Betriebsdruck max [bar]	10.000000
Bohrung (mm)	8.000000
HS-Code	84123100
Hub [mm]	80.000000
Pneumatischer Anschluss	M5
Weight	0.055 kg



STANDARDS & COMPLIANCE

ISO 6432 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]	80
Piston diameter	8 mm
Piston rod thread	M4
Dampening	P: Elastic silencer rings / plates double-sided
installation position	arbitrary
Complies to standard	CETOP RP 52 P ISO 6432
Piston rod end	Male thread
Construction set up	Piston piston rod cylinder tube
Position detection	For proximity switch
Variants	One-sided piston rod
Operating pressure [bar]	1.5 to 10

Principle of operation	double acting
Maritime classification	see Certificate
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	2 - moderate corrosion stress
ambient temperature [°C]	-20 to 80
Impact energy at the end positions [J]	0,03
Theoretical force at 6 bar, Return flow [N]	22,6
Base weight at 0 mm stroke [g]	34,6
Supplement moved mass per 10 mm stroke [g]	1
Fastening type	With Accessories
Pneumatic connection	M5
Material information	RoHs compliant
Cover material	Aluminium wrought alloy No-colour anodised
Seals material	NBR TPE-U(PU)
Piston rod material	High-alloyed stainless steels
Cylinder tube material	High-alloyed stainless steels
Theoretical force at 6 bar, flow [N]	30,2
Moving mass at 0 mm stroke [g]	7,5
Weight supplement per 10 mm stroke [g]	2,4