

Standards-Based Cylin DSNU-20-300-PPS-A - Festo 559280

Item no. FES-559280

Manufacturer Festo

EAN 4052568205584

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

TECHNICAL DATA

Ausführungstyp	einseitige Kolbenstange
Betriebsdruck max [bar]	10.000000
Bohrung (mm)	20.000000
Corrosion resistance class CRC	2 - moderate corrosion stress
Cushioning	PPS: Self-setting pneumatic end position dampening
Design	Piston, piston rod, cylinder tube
Dichtmaterial	NBR, TPE-U(PU)
Funktion	doppeltwirkend
HS-Code	84123100
Hub [mm]	300.000000
Medium	Druckluft
Mounting position	arbitrary
Norm	ISO 6432
Pneumatischer Anschluss	G1/8
Position sensing	Yes
Serie	DSNU
Temperature (max.)	80
Weight	0.39 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]	300
Piston diameter	20 mm
Piston rod thread	M8
Dampening	PPS: Self-setting pneumatic end position dampening
installation position	arbitrary

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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 to 10
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	2 - moderate corrosion stress
ambient temperature [°C]	-20 to 80
Impact energy at the end positions [J]	0,20
Theoretical force at 6 bar, Return flow [N]	158,3
Base weight at 0 mm stroke [g]	186,8
Supplement moved mass per 10 mm stroke [g]	4
Fastening type	With Accessories
Pneumatic connection	G1/8
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]	188,5
Moving mass at 0 mm stroke [g]	44,0
Weight supplement per 10 mm stroke [g]	7,2
Dampening length [mm]	15