

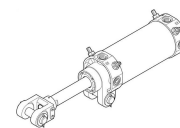
Hinge Cylinder DW-80-100-Y-G - Festo 565795

Item no.	FES-565795	Manufacturer	Festo
Manufacturer no.	DW-80-100-Y-G	EAN	4052568213268

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

TECHNICAL DATA

Article authenticity	Original product
Betriebsdruck max [bar]	10.000000
Bohrung (mm)	80.000000
Condition of article	New
HS-Code	84123100
Hub [mm]	100.000000
Pneumatischer Anschluss	G3/8
Weight	4.185 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]	100
Piston diameter	80 mm
Piston rod thread	M20x1,5
Abstand Gabelkopf zur Schwenkbefestigung [mm]	28,0
Dampening installation position	PPV: Pneumatic dampening both sides adjustable arbitrary
Construction set up	Kolben Zylinderrohr Kolbenstange mit Gabelkopf Schwenkbefestigung am Lagerdeckel

Geschwindigkeitsregelung	integrierte Drosseln beidseitig
Position detection	without
Piston rod end	Außengewinde mit Gabelkopf
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	0 - No corrosion stressing
ambient temperature [°C]	-10 to 60
Impact energy at the end positions [J]	1,8
Dampening length [mm]	30
Theoretical force at 6 bar, Return flow [N]	2.721
Theoretical force at 6 bar, flow [N]	3.016
Moving mass at 0 mm stroke [g]	1.651
Weight supplement per 10 mm stroke [g]	65
Base weight at 0 mm stroke [g]	4.185
Supplement moved mass per 10 mm stroke [g]	39
Alternative connections	See product drawing
Fastening type	mit Zubehör mit Schwenkbefestigung am Lagerdeckel
Pneumatic connection	G3/8
Werkstoff Gabelkopf	Vergütungsstahl Stahlguss
Material information	RoHs compliant
Wiper material	Bronze
Cover material	Aluminium die casting anodized
Seals material	NBR
Piston rod material	Quenched and tempered steel hard chromium plated
Cylinder tube material	Aluminium wrought alloy anodized