Hinge Cylinder DWB-63-75-Y-A-G - Festo 565757

Item no.	**FES-565757**	**Manufacturer**	**Festo**
Manufacturer no.	**DWB-63-75-Y-A-G**	**EAN**	**4052568213008**

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)	**63.000000**
Condition of article	**New**
HS-Code	**84123100**
Hub [mm]	**75.000000**
Pneumatischer Anschluss	**G1/4**
Weight	**1.6 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]	75
Piston diameter	63 mm
Piston rod thread	M16x1,5
Abstand Gabelkopf zur Schwenkbefestigung [mm]	19,5
Dampening	PPV: Pneumatic dampening both sides adjustable
installation position	arbitrary
Construction set up	Kolben Zylinderrohr Kolbenstange mit Gabelkopf Schwenkbefestigung am Lagerdeckel

Geschwindigkeitsregelung	integrierte Drosseln beidseitig
Position detection	For proximity switch
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]	1,3
Dampening length [mm]	20
Theoretical force at 6 bar, Return flow [N]	1.682
Theoretical force at 6 bar, flow [N]	1.870
Moving mass at 0 mm stroke [g]	741
Weight supplement per 10 mm stroke [g]	42
Base weight at 0 mm stroke [g]	1.600
Supplement moved mass per 10 mm stroke [g]	25
Alternative connections	See product drawing
Fastening type	mit Zubehör mit Schwenkbefestigung am Lagerdeckel
Pneumatic connection	G1/4
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