

Radial Gripper DHRS-10-A - Festo 1310159

Item no. FES-1310159

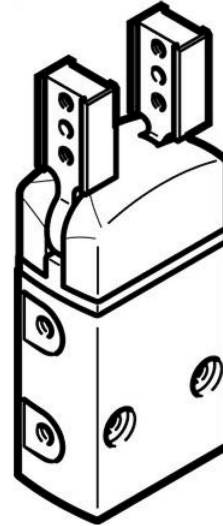
Manufacturer Festo

EAN 4052568229566

Festo gripper for secure handling and positioning of workpieces in automated processes.

TECHNICAL DATA

Betriebsdruck max [bar]	8.000000
HS-Code	84798997
Pneumatischer Anschluss	M3
Weight	0.08 kg
Werkstoff	Aluminium



STANDARDS & COMPLIANCE

ISO 8573-1:2010

DESCRIPTION

Festo gripper for secure handling and positioning of workpieces in automated processes. The key technical data of this genuine Festo article are listed below.

size	10
Max. exchange precision [mm]	<= 0,2 mm
Max. opening angle [deg]	180
Rotational symmetry [mm]	<= 0,2 mm
Repeatability grippers [mm]	<= 0,1 mm
Quantity Gripper jaws	2
installation position	arbitrary
Principle of operation	double acting
Gripper function	radial
Construction set up	Force controlled movement cycle
Position detection	For Hall sensors
Operating pressure [bar]	2 to 8

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Max. working frequency gripper [Hz]	<= 4 Hz
Min. opening time a 6 bar [ms]	35
Min. closing time at 6 bar [ms]	91
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	1 - low corrosion stress
ambient temperature [°C]	5 to 60
Open total gripping force at 6 bar [Ncm]	21
Close total gripping force at 6 bar [Ncm]	15
Mass inertia [kg/cm²]	0,03
Max. force on gripper jaws Fz static [N]	30
Max. torque on gripper jaws Mx static [Nm]	0,8
Max. torque on gripper jaws My static [Nm]	0,8
Max. torque on gripper jaws Mz static [Nm]	0,8
Product weight [g]	44
Fastening type	Selectively: Female thread and centring sleeve With Throughway bore and centring sleeve
Pneumatic connection	M3
Material information	RoHs compliant
Cover cap material	PA
Housing material	Aluminium wrought alloy Hard anodised
Gripper jaws material	High-alloyed steel