

Radial Gripper HGRT-16-A - Festo 563904

Item no. FES-563904

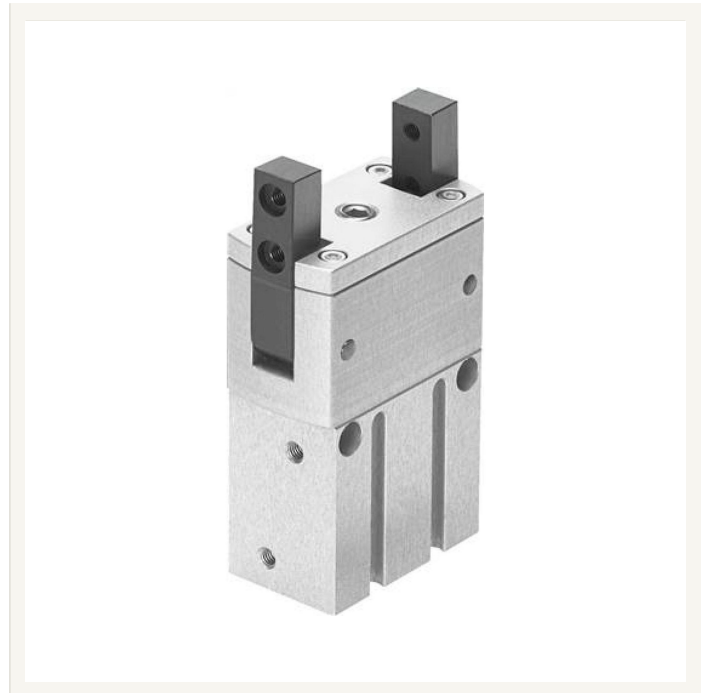
Manufacturer Festo

EAN 4052568211042

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	0.155 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	16
Max. exchange precision [mm]	<= 0,2 mm
Max. gripper jaw play ax, ay [deg]	<= 0,1 deg
Max. opening angle [deg]	180
Rotational symmetry [mm]	<= 0,2 mm
Repeatability grippers [mm]	<= 0,02 mm
Quantity Gripper jaws	2
installation position	arbitrary
Principle of operation	double acting
Gripper function	radial
Construction set up	Force controlled movement cycle

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Position detection	For inductive sensors For proximity switch
Operating pressure [bar]	3 to 8
Max. working frequency gripper [Hz]	<= 3 Hz
Min. opening time a 6 bar [ms]	246
Min. closing time at 6 bar [ms]	293
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]	188
Close total gripping force at 6 bar [Ncm]	158
Mass inertia [kg/cm²]	0,191
Max. force on gripper jaws Fz static [N]	50
Max. torque on gripper jaws My static [Nm]	3,9
Max. torque on gripper jaws Mz static [Nm]	0,3
Lubrication interval guide elements [Mio SP]	10
Product weight [g]	130
Fastening type	Female thread and centring sleeve
Pneumatic connection	M3
Material information	Copper and PTFE-free RoHs compliant
Housing material	aluminium Smooth anodised
Gripper jaws material	hardened Steel