

Parallel Gripper HGPM-08-EZ-G9 - Festo 197564

Item no. FES-197564

Manufacturer Festo

EAN 4052568160616

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

TECHNICAL DATA

Betriebsdruck max [bar]	8.000000
Corrosion resistance class CRC	1 - low corrosion stress
Design	Inclined plane
Funktion	single-acting
HS-Code	84798997
Material	Aluminium
Medium	Compressed air
Pneumatic connection	M3
Series	HGPM
Temperature (max.)	60
Weight	0.11 kg



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	8
Stroke per gripper jaw [mm]	2
Max. exchange precision [mm]	0,2
Repeatability grippers [mm]	<= 0,05 mm
Quantity Gripper jaws	2
Principle of operation	single action closed
Gripper function	Parallel
Construction set up	Inclined plane
Position detection	without
Operating pressure [bar]	4 to 8
Max. working frequency gripper [Hz]	4

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Min. opening time a 6 bar [ms]	1,9
Min. closing time at 6 bar [ms]	4,1
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
Max. force on gripper jaws Fz static [N]	10
Max. torque on gripper jaws Mx static [Nm]	0,1
Max. torque on gripper jaws My static [Nm]	0,1
Max. torque on gripper jaws Mz static [Nm]	0,1
Product weight [g]	18
Fastening type	with female thread
Pneumatic connection	M3
Material information	Copper and PTFE-free
Cover cap material	POM
Housing material	Aluminium wrought alloy anodized
Gripper jaws material	High-alloyed steel
Rotational symmetry [mm]	0,15
Close total gripping force at 6 bar [N]	16
Open gripper jaws at gripping force of 6 bar [N]	8,0