

Parallel Gripper DHPS-6-A - Festo 1254039

Item no. FES-1254039

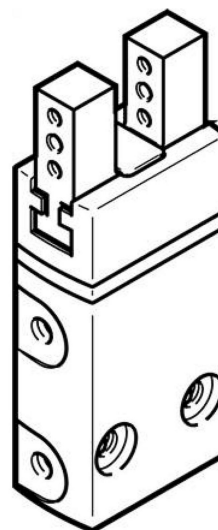
Manufacturer Festo

EAN 4052568229139

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	0.055 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	6
Stroke per gripper jaw [mm]	2,0
Max. exchange precision [mm]	<= 0,2 mm
Max. gripper jaw play ax, ay [deg]	< 1 deg
Max. gripper jaw play Sz [mm]	< 0,02 mm
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	Parallel
Construction set up	lever Force controlled movement cycle

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Guide	sliding guide
Position detection	For Hall sensors
Open total gripping force at 6 bar [N]	30
Close total gripping force at 6 bar [N]	25
Operating pressure [bar]	2 to 8
Max. working frequency gripper [Hz]	4
Min. opening time a 6 bar [ms]	8
Min. closing time at 6 bar [ms]	17
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 gripper jaws at gripping force of 6 bar [N]	15
Close gripper jaws at gripping force at 6 bar [N]	13,5
Mass inertia [kg/cm²]	0,008
Max. force on gripper jaws Fz static [N]	10
Max. torque on gripper jaws Mx static [Nm]	0,5
Max. torque on gripper jaws My static [Nm]	0,5
Max. torque on gripper jaws Mz static [Nm]	0,5
Lubrication interval guide elements [Mio SP]	10
Max. mass per external griper finger [g]	10
Product weight [g]	19
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 stainless steels