

Parallel Gripper DHPS-20-A-NO - Festo 1254047

Item no. FES-1254047

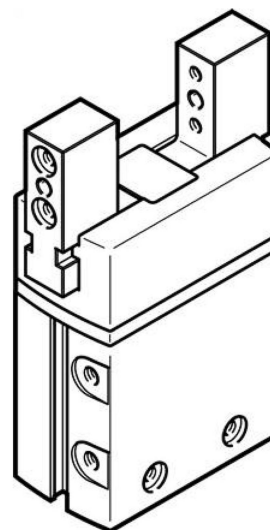
Manufacturer Festo

EAN 4052568229207

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	lever, Force controlled movement cycle
Funktion	doppeltwirkend
HS-Code	84798997
Medium	Druckluft
Mounting position	arbitrary
Pneumatischer Anschluss	M5
Position sensing	Yes
Serie	DHPS
Temperature (max.)	60
Weight	0.42 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	20
Stroke per gripper jaw [mm]	6,5
Max. exchange precision [mm]	<= 0,2 mm
Max. gripper jaw play ax, ay [deg]	< 0,5 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

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Gripper function	Parallel
Construction set up	lever Force controlled movement cycle
Guide	sliding guide
Position detection	For proximity switch
Operating pressure [bar]	4 to 8
Max. working frequency gripper [Hz]	3
Min. opening time a 6 bar [ms]	58
Min. closing time at 6 bar [ms]	97
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
Mass inertia [kg/cm²]	1,521
Max. force on gripper jaws Fz static [N]	250
Max. torque on gripper jaws Mx static [Nm]	14,0
Max. torque on gripper jaws My static [Nm]	14,0
Max. torque on gripper jaws Mz static [Nm]	14,0
Lubrication interval guide elements [Mio SP]	10
Max. mass per external griper finger [g]	250
Product weight [g]	387
Fastening type	Selectively: Female thread and centring sleeve With Throughway bore and centring sleeve
Pneumatic connection	M5
Material information	RoHs compliant
Cover cap material	PA
Housing material	Aluminium wrought alloy Hard anodised
Gripper jaws material	High-alloyed stainless steels
Gripping force safety	When opening