

Parallel Gripper DHPS-10-A-NC - Festo 1254042

Item no. FES-1254042

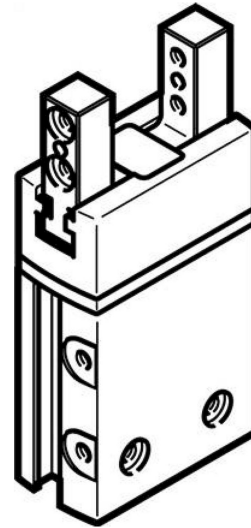
Manufacturer Festo

EAN 4052568229160

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	double-acting
HS-Code	84798997
Material	Aluminium
Medium	Compressed air
Mounting position	arbitrary
Pneumatic connection	M3
Position sensing	Yes
Series	DHPS
Temperature (max.)	60
Weight	0.1 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	10
Stroke per gripper jaw [mm]	3,0
Max. exchange precision [mm]	$\leq 0,2 \text{ mm}$
Max. gripper jaw play ax, ay [deg]	$\leq 0,5 \text{ deg}$
Max. gripper jaw play Sz [mm]	$\leq 0,02 \text{ mm}$
Rotational symmetry [mm]	$\leq 0,2 \text{ mm}$
Repeatability grippers [mm]	$\leq 0,02 \text{ mm}$
Quantity Gripper jaws	2
installation position	arbitrary
Principle of operation	double acting

esd.equipment

Keldersstr. 15

42697 Solingen, Deutschland

VAT ID: DE269659389

Phone: +49 212 38340680

shop@esd-equipment.com

esd.equipment

Page 1/2

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]	4
Min. opening time a 6 bar [ms]	58
Min. closing time at 6 bar [ms]	24
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]	0,081
Max. force on gripper jaws Fz static [N]	60
Max. torque on gripper jaws Mx static [Nm]	3,0
Max. torque on gripper jaws My static [Nm]	3,0
Max. torque on gripper jaws Mz static [Nm]	3,0
Lubrication interval guide elements [Mio SP]	10
Max. mass per external griper finger [g]	60
Product weight [g]	68
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
Gripping force safety	When closing