

Parallel Gripper HGPL-40-100-A-B - Festo 3361491

Item no.	FES-3361491	Manufacturer	Festo
Manufacturer no.	HGPL-40-100-A-B	EAN	4052568269289

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

TECHNICAL DATA

Article authenticity	Original product
Betriebsdruck max [bar]	8.000000
Condition of article	New
HS-Code	84798997
Pneumatischer Anschluss	M5
Weight	5.34 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	40
Stroke per gripper jaw [mm]	100
Max. exchange precision [mm]	< 0,2 mm
Max. gripper jaw play ax, ay [deg]	< 0.2 deg
Max. gripper jaw play Sz [mm]	< 0,05 mm
Rotational symmetry [mm]	<= 0,2 mm
Repeatability grippers [mm]	< 0,03 mm
Quantity Gripper jaws	2
installation position	arbitrary
Principle of operation	double acting

Gripper function	Parallel
Construction set up	Double piston Guide Piston pusher T-shape Toothed rack/pinion
Position detection	For proximity switch
Open total gripping force at 6 bar [N]	1.038
Close total gripping force at 6 bar [N]	1.216
Operating pressure [bar]	3 to 8
Max. working frequency gripper [Hz]	≤ 1 Hz
Min. opening time a 6 bar [ms]	620
Min. closing time at 6 bar [ms]	690
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	2 - moderate corrosion stress
ambient temperature [°C]	5 to 60
Open gripper jaws at gripping force of 6 bar [N]	519
Close gripper jaws at gripping force at 6 bar [N]	608
Mass inertia [kg/cm ²]	318,25
Max. force on gripper jaws Fz static [N]	2.500
Max. torque on gripper jaws Mx static [Nm]	125
Max. torque on gripper jaws My static [Nm]	80
Max. torque on gripper jaws Mz static [Nm]	100
Lubrication interval guide elements [Mio SP]	5
Max. mass per external griper finger [g]	420
Product weight [g]	5.340
Fastening type	Female thread and centring sleeve With Throughway bore and centring sleeve
Pneumatic connection	M5
Material information	Copper and PTFE-free RoHs compliant
Housing material	aluminium Smooth anodised
Gripper jaws material	hardened Steel