

Parallel Gripper HGPL-63-100-A-B - Festo 3361493

Item no. FES-3361493

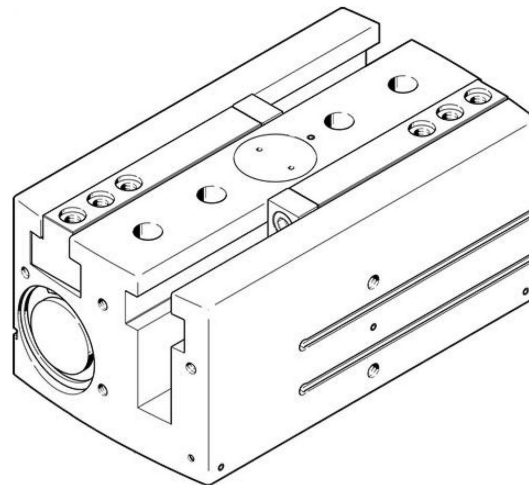
Manufacturer Festo

EAN 4052568269302

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

TECHNICAL DATA

Betriebsdruck max [bar]	8.000000
HS-Code	84798997
Pneumatischer Anschluss	G1/8
Weight	14 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	63
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]	2.466
Close total gripping force at 6 bar [N]	2.742
Operating pressure [bar]	3 to 8
Max. working frequency gripper [Hz]	< 1 Hz
Min. opening time a 6 bar [ms]	650
Min. closing time at 6 bar [ms]	600
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]	1.233
Close gripper jaws at gripping force at 6 bar [N]	1.371
Mass inertia [kg/cm²]	1.018,17
Max. force on gripper jaws Fz static [N]	9.000
Max. torque on gripper jaws Mx static [Nm]	300
Max. torque on gripper jaws My static [Nm]	200
Max. torque on gripper jaws Mz static [Nm]	250
Lubrication interval guide elements [Mio SP]	5
Max. mass per external griper finger [g]	940
Product weight [g]	13.800
Fastening type	Female thread and centring sleeve With Throughway bore and centring sleeve
Pneumatic connection	G1/8
Material information	Copper and PTFE-free RoHs compliant
Housing material	aluminium Smooth anodised
Gripper jaws material	hardened Steel