

# Parallel Gripper HGPL-25-80-A-B - Festo 3361486

<b>Item no.</b>	FES-3361486	<b>Manufacturer</b>	Festo
<b>Manufacturer no.</b>	HGPL-25-80-A-B	<b>EAN</b>	4052568269234

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

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Betriebsdruck max [bar]	<b>8.000000</b>
Condition of article	<b>New</b>
HS-Code	<b>84798997</b>
Pneumatischer Anschluss	<b>M5</b>
Weight	<b>2.2 kg</b>
Werkstoff	<b>Aluminium</b>



## 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	25
Stroke per gripper jaw [mm]	80
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]	412
Close total gripping force at 6 bar [N]	512
Operating pressure [bar]	3 to 8
Max. working frequency gripper [Hz]	<math>\leq 1</math> Hz
Min. opening time a 6 bar [ms]	423
Min. closing time at 6 bar [ms]	418
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]	206
Close gripper jaws at gripping force at 6 bar [N]	256
Mass inertia [kg/cm <sup>2</sup> ]	78,70
Max. force on gripper jaws Fz static [N]	1.500
Max. torque on gripper jaws Mx static [Nm]	100
Max. torque on gripper jaws My static [Nm]	60
Max. torque on gripper jaws Mz static [Nm]	70
Lubrication interval guide elements [Mio SP]	5
Max. mass per external griper finger [g]	250
Product weight [g]	2.200
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