

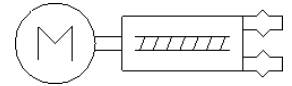
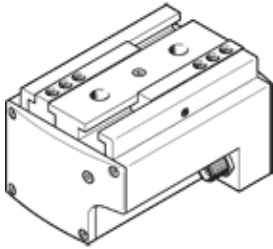
# Parallel gripper HGPLE-25-40-2,8-DC-VCSC-G85

Part number: 555563  
Product to be discontinued

FESTO

with controllable gripper force and free, speed-controlled choice of the gripper positions.

Type to be discontinued. Available until 2020. See Support Portal for alternative products.



## Data sheet

Feature	Value
Size	25
Stroke per gripper jaw	40 mm
Max. replacement accuracy	≤ 0.2 mm
Max. angular gripper jaw backlash ax,ay	≤ 0.2 deg
Max. gripper jaw backlash Sz	≤ 0.05 mm
Controllable stroke range per gripper jaw	0 ... 40 mm
Rotationally symmetrical	≤ 0.2 mm
Repetition accuracy, gripper	≤ 0.05 mm
Number of gripper fingers	2
Assembly position	Any
Gripper function	Parallel
Design structure	Worm gear unit T-shaped Rack and pinion With integrated displacement encoder
Guide	Plain-bearing guide
Position detection	With integrated angular displacement encoder
Configuration support	FCT (Festo Configuration Tool)
Motor type	DC servo motor
Referencing	Fixed stop block positive Fixed stop block negative
Nominal operating voltage DC	24 V
CE symbol (see declaration of conformity)	according to EU-EMV guideline
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Sound pressure level	≤ 60 dB(A)
Protection class	IP40
Ambient temperature	10 ... 40 °C
Mass moment of inertia	28.32 kgcm <sup>2</sup>
Max. force on gripper jaw Fz static	1,500 N
Max. torque at gripper Mx static	100 Nm
Max. torque at gripper My static	60 Nm
Max. torque at gripper Mz static	70 Nm
Lubrication interval for guide components	2 Mio SP
Max. ground per external gripper finger	500 g
Product weight	1,680 g
Electrical connection	Plug M12x1 12-pin
Mounting type	Optional Internal thread and centering sleeve With through-hole and centering sleeve

Feature	Value
Materials note	Free of copper and PTFE Conforms to RoHS
Material housing	Aluminum Anodized
Material gripper jaws	Steel Hardened