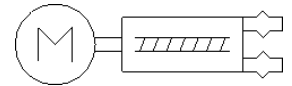
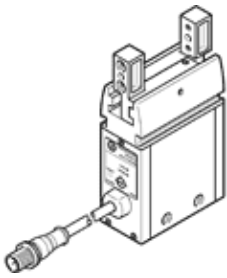


parallel gripper EHPS-20-A

Part number: 8070831

FESTO



Data sheet

Feature	Value
Size	20
Stroke per gripper jaw	13 mm
Max. replacement accuracy	≤ 0.2 mm
Max. angular gripper jaw backlash ax,ay	0.3 deg
Max. gripper jaw backlash Sz	0.05 mm
Rotationally symmetrical	≤ 0.2 mm
Repetition accuracy, gripper	≤ 0.01 mm
Number of gripper fingers	2
Assembly position	Any
Gripper function	Parallel
Design structure	Worm gear unit T-shaped Rack and pinion Electric gripper
Conforms to standard	IEC 61010-1
Guide	Plain-bearing guide
Position detection	For proximity sensor
Motor type	DC servo motor
Control elements	Latched switch
Ready status display	LED
Max. cycle frequency	0.7 Hz
Max. current consumption	2 A
Nominal operating voltage DC	24 V
Permissible voltage fluctuation	+/- 10 %
Authorisation	RCM Mark
KC mark	KC-EMV
CE mark (see declaration of conformity)	to EU directive for EMC in accordance with EU RoHS directive
Corrosion resistance classification CRC	1 - Low corrosion stress
Sound pressure level	≤ 70 dB(A)
Protection class	IP40
Ambient temperature	5 ... 60 °C
Mass moment of inertia	2.02 kgcm ²
Max. force on gripper jaw Fz static	325 N
Max. torque at gripper Mx static	13 Nm
Max. torque at gripper My static	8 Nm
Max. torque at gripper Mz static	13 Nm
Lubrication interval for guide components	2 Mio SP
Max. mass per external gripper finger	150 g
Product weight	532 g
Electrical connection	5-pin Cable with plug M12x1
Mounting type	Internal thread and centring sleeve With through-hole and centring sleeve Optional
Materials note	Conforms to RoHS
Material housing	Anodised aluminium
Material gripper jaws	High alloy steel, non-corrosive