

handling module

HSW-12-AP

Part number: 540228

FESTO

Pick and Place for repositioning parts at an angle of 90°.



Data sheet

Feature	Value
Working stroke	15 ... 25 mm
Size	12
Max. linear stroke at 90° swivel angle	142/142 mm
Z stroke	80 ... 100 mm
Cushioning	CC: Shock absorber at both ends Soft characteristic
Assembly position	Any
Design structure	linear guide plus rotating bearing Swivel drive guided motion sequence
Position detection	For proximity sensor
Operating pressure	4 ... 8 bar
Minimum cycle time	0.8 s
Repetition accuracy, end positions	+/-0,02 mm
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:-:-]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Ambient temperature	0 ... 60 °C
Max. torque Mx	1.5 Nm
Max. torque My	1.5 Nm
Max. torque Mz	1.5 Nm
Maximum effective load	1 kg
Maximum process force in Y direction	35 N
Theoretical force at 6 bar	35 N
Product weight	2,840 g
Mounting type	With through-hole and centring sleeve
Pneumatic connection	M5
Materials note	Free of copper and PTFE
Material stops	High alloy steel
Material spring pressure piece	High alloy steel
Material sub-base	Wrought Aluminium alloy Anodised
Material bracket	Wrought Aluminium alloy Anodised
Material cross-guide	Heat-treatment steel
Material swivel lever	Case-hardened steel Burnished
Material slotted guide plate	Case-hardened steel Hardened
Material sensor rail	Wrought Aluminium alloy Anodised
Material bar	Wrought Aluminium alloy Anodised
Material adjusting screw	High alloy steel