

handling module

HSW-12-AP-SD

Part number: 540229

FESTO

Pick and Place for repositioning parts at an angle of 90°, with protective cover.



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	3,040 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 cover	Wrought Aluminium alloy Anodised
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