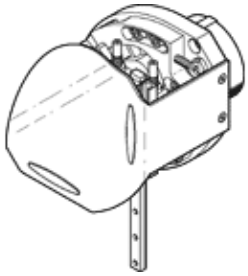
Handling module
HSW-12-AP-SD

Part number: 540229

FESTO

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



Data sheet

Feature	values
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 actuator guided motion sequence
Position detection	For proximity sensor
Working 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 centering sleeve
Pneumatic connection	M5
Materials note	Free of copper and PTFE
Material information, stops	High alloy steel
Materials information for cover	Wrought Aluminum alloy Anodized
Material information, spring pressure piece	High alloy steel
Materials information for subbase	Wrought Aluminum alloy Anodized
Material information, holder	Wrought Aluminum alloy Anodized
Materials information for cross-guide	Heat-treatment steel
Material information, swivel lever	Case-hardened steel Burnished
Material information, slotted guide plate	Case-hardened steel Hardened
Material information, sensor rail	Wrought Aluminum alloy Anodized
Material information, ridge	Wrought Aluminum alloy Anodized
Material information, adjusting screw	High alloy steel