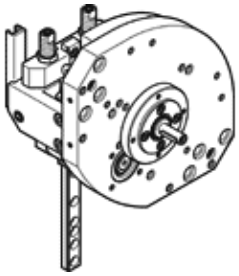
Handling module
HSW-12-AS

Part number: 540232

FESTO

Pick and Place for repositioning parts at an angle of 90°, without actuator, with support and shaft.



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	noise absorption through buffer
Assembly position	Any
Design structure	Drive shaft linear guide plus rotating bearing guided motion sequence
Position detection	For proximity sensor
Repetition accuracy, end positions	+/-0,02 mm
Ambient temperature	0 ... 60 °C
Max. drive torque at drive shaft	12.25 Nm
Max. axial force at drive shaft	18 N
Max. torque Mx	1.5 Nm
Max. torque My	1.5 Nm
Max. torque Mz	1.5 Nm
Maximum effective load	1 kg
Max. radial force at drive shaft	45 N
Maximum process force in Y direction	35 N
Product weight	2,800 g
Mounting type	With through-hole and centering sleeve
Materials note	Free of copper and PTFE
Material information, stops	High alloy steel
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