

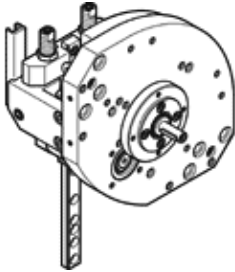
# handling module

## HSW-12-AS

Part number: 540232

FESTO

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



### 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	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
PWIS conformity	VDMA24364-B2-L
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 centring sleeve
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