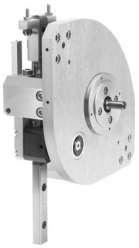
Pick and place machine
HSW-12-AS

Part number: 540232



Data sheet

Feature	Value
Working stroke	15 mm ... 25 mm
Size	12
Max. linear stroke at 90° swivel angle	142/142 mm
Z-stroke	80 mm ... 100 mm
Type code	HSW
Cushioning	Acoustic insulation via buffers
Mounting position	Any
Design	Actuator shaft Linear guide plus ball bearing Positively driven motion sequence
Position sensing	For proximity sensor
Repetition accuracy end positions	+/-0.02 mm
Ambient temperature	0 °C ... 60 °C
Max. driving torque on actuator shaft	12.25 Nm
Max. axial force at actuator shaft	18 N
Max. torque Mx	1.5 Nm
Max. torque My	1.5 Nm
Max. torque Mz	1.5 Nm
Max. payload	1 kg
Max. radial force on actuator shaft	45 N
Maximum process force in y direction	35 N
Product weight	2800 g
Type of mounting	Via through-hole and centering sleeve
Note on materials	Free of copper and PTFE
Stops material	High-alloy steel
Spring pressure piece material	High-alloy steel
Base plate material	Wrought aluminum alloy Anodized
Retaining bracket material	Wrought aluminum alloy Anodized
Cross guide material	Tempered steel
Swivel lever material	Case-hardened steel Burnished
Link material	Case-hardened steel Hardened
Sensor rail material	Wrought aluminum alloy Anodized

Feature	Value
Fixed link material	Wrought aluminum alloy Anodized
Setting screw material	High-alloy steel