Handling module HSW-10-AP-SD

Part number: 540223





General operating condition

Data sheet

Size 10 20/50 mm 20/50 mm	Feature	Value
Max. linear stroke with 90° swivel angle 2 stroke 80 mm 100 mm Cushioning Shock absorber at both ends Soft characteristic curve Mounting position optional Unear guide plus ball bearing Semi-rotary drive Force pilot operated motion sequence Position detection Via proximity switch Operating pressure 4 bar 8 bar Min. cycle time 0.6 5 Repetition accuracy end positions 4/-0.02 mm Operating medium Compressed air to ISO 8573·1:2010 [7::-] Note on operating and pilot medium Unbridged air of ISO 8573·1:2010 [7::-] Note on operating and pilot medium Unbridged Positions O °C 60 °C Ambient temperature 0 °C 60 °C Ambient temperature 0 °C 60 °C Max. moment Mx 0.6 Nm Max. moment Mx 0.6 Nm Max. moment Mx 0.5 kg Max. moment Mx 0.6 MPa (6 bar, 87 psi) 30 N Theoretical force at 0.6 MPa (6 bar, 87 psi) 30 N Product weight 1350 g Type of mounting Via through-hole and centring sleeve Pneumatic connection M3 Material storps High-alloy steel Material spring pressure piece High-alloy steel Material spring pressure piece Material retaining bracket Modised	Working stroke	9 mm 15 mm
Z stroke Cushioning Shock absorber at both ends Soft characteristic curve Mounting position Design Linear guide plus ball bearing Semi-rotary drive Force pilot operated motion sequence Position detection Via proximity switch Operating pressure 4 bar 8 bar Min. cycle time 0.6 5 Repetition accuracy end positions +/-0.02 mm Operating medium Compressed air to ISO 8573-1:2010 [7:+-] Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) LABS (PWIS) conformity VDMA24364-B2-L Ambient temperature 0°C60°C Max. moment Mx 0.6 Nm Max. moment My 0.6 Nm Max. moment My 0.6 Nm Max. moment My 0.7 Nm Max. moment My 0.8 Nm Max. process force in Y direction Theoretical force at 0.6 MPa (6 bar, 87 ps) 30 N Product weight 1350 g Type of mounting Via through-hole and centring sleeve Pneumatic connection Material spring pressure piece Material spring pressure piece Material spring pressure piece Material spring pressure piece Material loss plate Mrought aluminium alloy Anodised Mrought aluminium alloy Anodised Mrought aluminium alloy Anodised Mrought aluminium alloy Anodised	Size	10
Shock absorber at both ends Soft characteristic curve Mounting position Design Linear guide plus ball bearing Semi-rotary drive Force pilot operated motion sequence Position detection Via proximity switch Operating pressure 4 bar 8 bar Min. cycle time 0.6 s Repetition accuracy end positions 1/-0.02 mm Operating medium Compressed air to ISO 8573-1:2010 [7:] Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) LABS (PWIS) conformity VDMA24364-82-L Ambient temperature 0.°C 60 °C Max. moment Mx 0.6 Nm Max. moment My 0.6 Nm Max. moment My 0.6 Nm Max. moment Mz 0.5 kg Max. process force in Y direction 30 N Theoretical force at 0.6 MPa (6 bar, 87 ps)) 30 N Product weight 1350 g Type of mounting Via through-hole and centring sleeve Pheumatic connection M3 Material spring pressure piece Material spring pressure piece Material spring pressure piece Material spring pressure piece Material losee plate Wrought aluminium alloy Anodised Material retaining bracket Wrought aluminium alloy Anodised Wrought aluminium alloy Anodised Wrought aluminium alloy Anodised Wrought aluminium alloy Anodised	Max. linear stroke with 90° swivel angle	90/90 mm
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Max. effective load Max. process force in Y direction Theoretical force at 0.6 MPa (6 bar, 87 psi) Product weight 1350 g Type of mounting Via through-hole and centring sleeve Pneumatic connection M3 Material stops High-alloy steel Material cover Wrought aluminium alloy Anodised Material base plate Material pracket Wrought aluminium alloy Anodised	Max. moment My	0.6 Nm
Max. process force in Y direction Theoretical force at 0.6 MPa (6 bar, 87 psi) Product weight Type of mounting Via through-hole and centring sleeve Pneumatic connection M3 Material stops High-alloy steel Material cover Wrought aluminium alloy Anodised Material base plate Material retaining bracket Wrought aluminium alloy Anodised Wrought aluminium alloy Anodised Wrought aluminium alloy Anodised	Max. moment Mz	0.6 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi) Product weight Type of mounting Via through-hole and centring sleeve Pneumatic connection M3 Material stops High-alloy steel Material cover Wrought aluminium alloy Anodised Material base plate Material retaining bracket Wrought aluminium alloy Anodised Wrought aluminium alloy Anodised	Max. effective load	0.5 kg
Product weight Type of mounting Via through-hole and centring sleeve Pneumatic connection M3 Material stops High-alloy steel Wrought aluminium alloy Anodised Material spring pressure piece High-alloy steel Wrought aluminium alloy Anodised Material base plate Wrought aluminium alloy Anodised Wrought aluminium alloy Anodised Wrought aluminium alloy Anodised	Max. process force in Y direction	30 N
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Material stops High-alloy steel Material cover Wrought aluminium alloy Anodised Material spring pressure piece High-alloy steel Wrought aluminium alloy Anodised Material base plate Wrought aluminium alloy Anodised Material retaining bracket Wrought aluminium alloy Anodised	Type of mounting	Via through-hole and centring sleeve
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Material base plate Wrought aluminium alloy Anodised Material retaining bracket Wrought aluminium alloy Anodised	Material cover	
Anodised Material retaining bracket Wrought aluminium alloy Anodised	Material spring pressure piece	High-alloy steel
Anodised	Material base plate	
Material cross-guide Tempered steel	Material retaining bracket	
	Material cross-guide	Tempered steel

Feature	Value
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 setting screw	High-alloy steel