Guided drive DFM-20-20-P-A-GF

URL:https://www.sxplc.com/guided-drive-dfm-20-20-p-a-gf

Product data sheet

Distance from centre of gravity of load to yoke plate xs50 mm	
Stroke20 mm	
Piston diamet	t er 20 mm
Operating mo	de, drive unitYoke
Cushioning Ela	astic cushioning rings/plates at both ends
Mounting pos	ition optional
Guide Plain-bea	aring guide
Design Guidan	ce
Position dete	ction Via proximity switch
Symbol009917	737
Operating pre	essure0.2 MPa 1 MPa
Operating pre	essure2 bar 10 bar
Max. speed0.8	3 m/s
Mode of opera	ation Double-acting
Operating me	ediumCompressed air to ISO 8573-1:2010 [7:4:4]

Note on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required) Corrosion resistance class CRC1 - Low corrosion stress • LABS (PWIS) conformity VDMA24364-B1/B2-L **Cleanroom class**Class 7 according to ISO 14644-1 • Ambient temperature-20 °C ... 80 °C • Impact energy in end positions 0.2 | • **Max. force Fy**354.7 N • Max. force Fy static 354.7 N Max. force Fz354.7 N Max. force Fz static354.7 N • Max. moment Mx10.29 Nm • Max. torque Mx static 10.29 Nm • Max. moment My3.37 Nm • Max. torque My static 3.37 Nm • Max. moment Mz3.37 Nm • Max. torque Mz static3.37 Nm • Max. permissible torque load Mx as a function of stroke 1.61 Nm • Max. effective load dependent upon stroke at defined distance **xs**30 N • Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke141 N • Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke 188

- **Moving mass**385 g
- Product weight769 g
- alternative connections
 product drawing
- Pneumatic connection M5
- Note on materialsRoHS-compliant
- Material coverWrought aluminium alloy
- Material sealsNBR
- Material housing Wrought aluminium alloy
- Material piston rodHigh-alloy stainless steel

