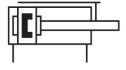
## Mini slide SLS- 6-10-P-A Part number: 170486



## **Data sheet**

SchwarzG mmgerating mode, drive unitYokeushioningElastic cushioning rings/plates at both endslounting positionoptionaluideBall bearing cage guideesignVoke Piston rod Ball roller guidesoliton detectionVia proximity switchperating mediumCompressed air to ISO 8573-1:2010[7:4:4]tode of operationDouble-actingperating mediumCompressed air to ISO 8573-1:2010[7:4:4]ote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)arcs for EF2170 Ntax. force F2170 Ntax. moment Mx0.6 Nmtax. moment Mx0.6 Nmtax. moment Mx0.6 Nmtax. moment Mz0.5 Nmheoretical force at 0.6 MPa (6 bar, 87 psi), return stroke13 Ntoring mass28 groduct weight104 g	Feature	Value
InternationalInternationalperating mode, drive unitVokeushioningElastic cushioning rings/plates at both endsbounting positionoptionaluideBall bearing cage guideesignYokePistonPiston rodBall roller guideSildeosition detectionVia proximity switchperating medium0.15 MPa1 MPa1.5 bar10 bar21.75 psi145 psilode of operationDouble-actingperating mediumCompressed air to ISO 8573-1:2010 [7:4:4]ote on operating and pilot mediumLincitated operation possible (in which case lubricated operation subject operation subject operation will always be required)orrosion resistance class CRC0 - No corrosion stressABS (PVIS) conformityVDMA24364-82-Lmbient temperature-20 °C60 °Cngact energy in end positions0.008 Nmtax. force Fy170 Ntax. force Fy0.5 Nmtax. moment Mx0.6 Nmtax. moment Mz0.6 Nmtax. moment Mz0.6 Nmtax. moment Mz0.5 Nmtax. moment Mz17 Ntax. force To Case (G bar, 87 psi), return stroke13 Ntax. moment Mz0.6 Mmtax. moment	Stroke	10 mm
builtElastic cushioning rings/plates at both endslounting positionoptionaluideBall bearing cage guideesignYoke Piston no Piston rod Ball roller guidesilde0.15 MPa1 MPa 1.15 bar10 bar 21.75 psi145 psilode of operationDouble-actingperating mediumCompressed air to ISO 8573-1:2010 [7:4:4]ote on operating and pilot mediumUbiricated operation possible (in which case lubricated operation will always be required)orisoin resistance class CRC0 - No corrosion stressABS (PWIS) conformityVDMA24364-82-Lmbient temperature napact energy in end positions0.008 Nm 1.20 °Clax. force Fy170 Nlax. moment Mx0.6 Nmlax. moment Mx0.6 Nmlax. moment Mz0.5 Nmheoretical force at 0.6 MPa (6 bar, 87 psi), return stroke13 Nheoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke28 groduct weight104 g	Piston diameter	6 mm
Iounting positionoptionaluideBall bearing cage guideesignYoke Piston Piston rod Ball roller guide Sildeosition detectionVia proximity switchperating pressure0.15 MPa1 MPa 1.5 bar10 bar 21.75 psi145 psilode of operationDouble-actingperating mediumCompressed air to ISO 8573-1:2010 [7:4:4]ote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)orrosion resistance class CRC0 - No corrosion stressABS (PWIS) conformityVDMA24364-B2-Lmbient temperature-20 °C60 °Cnpact energy in end positions0.008 Nmlax. force Fy170 Nlax. moment Mx0.6 Nmlax. moment Mz0.5 Nmheoretical force at 0.6 MPa (6 bar, 87 psi), neturn stroke13 Nheoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke17 Nloving mass28 groduct weight104 g	Operating mode, drive unit	Yoke
uideBall bearing cage guideesignYoke Piston Piston rod Ball roller guide Sildeosition detectionVia proximity switchperating pressure0.15 MPa1 MPa 1.5 bar10 bar 21.75 psi145 psilode of operationDouble-actingperating mediumCompressed air to ISO 8573-1:2010 [7:4:4]ote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)orrosion resistance class CRC0 - No corrosion stressABS (PWIS) conformityVDMA24364-B2-Lmbient temperature-20 °C60 °Cnpact energy in end positions0.008 Nmlax. force Fy170 Nlax. moment Mx0.6 Nmlax. moment Mx0.5 Nmlax. moment Mz0.5 Nmheoretical force at 0.6 MPa (6 bar, 87 psi), neturn stroke13 Nheoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke17 Nlaving mass28 groduct weight104 g	Cushioning	Elastic cushioning rings/plates at both ends
SolutionesignYoke Piston <	Mounting position	optional
Piston Piston rod Ball roller guide Sildeosition detectionVia proximity switchperating pressure0.15 MPa1 MPa 1.5 bar10 bar 21.75 psi10 bar 21.75 psi145 psilode of operationDouble-actingperating mediumCompressed air to ISO 8573-1:2010 [7:4:4]ote on operating and pilot mediumLobractingotrosion resistance class CRC0 - No corrosion stressABS (PWIS) conformityVDMA24364-B2-Lmbient temperature-20 °C60 °Cnpact energy in end positions0.008 Nmlax. force Fy170 Nlax. moment Mx0.6 Nmlax. moment My0.6 Nmlax. moment Mz0.5 Nmheoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke17 Ntoring mass28 groduct weight104 g	Guide	Ball bearing cage guide
Perating pressure0.15 MPa1 MPa 1.5 bar10 bar 21.75 psi145 psilode of operationDouble-actingoperating mediumCompressed air to ISO 8573-1:2010 [7:4:4]ote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)orrosion resistance class CRCO - No corrosion stressABS (PWIS) conformityVDMA24364-B2-Lmbient temperature-20 °C60 °Cnpact energy in end positions0.008 Nmlax. force Fy170 Nlax. moment Mx0.6 Nmlax. moment My0.5 Nmlax. moment Mz0.5 Nmheoretical force at 0.6 MPa (6 bar, 87 psi), return stroke13 Nheoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke17 Nloving mass28 groduct weight104 g	Design	Piston Piston rod Ball roller guide
1.5 bar10 bar 21.75 psi145 psiNode of operationDouble-actingperating mediumCompressed air to ISO 8573-1:2010 [7:4:4]ote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)orrosion resistance class CRC0 - No corrosion stressABS (PWIS) conformityVDMA24364-B2-Lmbient temperature-20 °C60 °Cnpact energy in end positions0.008 NmIax. force Fy170 NIax. moment Mx0.6 NmIax. moment Mz0.5 Nmheoretical force at 0.6 MPa (6 bar, 87 psi), return stroke13 Nheoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke170 NIaving mass28 groduct weight104 g	Position detection	Via proximity switch
perating mediumCompressed air to ISO 8573-1:2010 [7:4:4]ote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)orrosion resistance class CRC0 - No corrosion stressABS (PWIS) conformityVDMA24364-B2-Lmbient temperature-20 °C60 °Cnpact energy in end positions0.008 Nmlax. force Fy170 Nlax. moment Mx0.6 Nmlax. moment My0.6 Nmlax. moment Mz0.5 Nmheoretical force at 0.6 MPa (6 bar, 87 psi), return stroke13 Nloving mass28 groduct weight104 g	Operating pressure	1.5 bar10 bar
ote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)orrosion resistance class CRC0 - No corrosion stressABS (PWIS) conformityVDMA24364-B2-Lmbient temperature-20 °C60 °Cnpact energy in end positions0.008 Nmlax. force Fy170 Nlax. force Fz170 Nlax. moment Mx0.6 Nmlax. moment My0.6 Nmlax. moment Mz0.5 Nmheoretical force at 0.6 MPa (6 bar, 87 psi), return stroke13 Nheoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke17 Nloving mass28 groduct weight104 g	Mode of operation	Double-acting
always be required)orrosion resistance class CRC0 - No corrosion stressABS (PWIS) conformityVDMA24364-B2-Lmbient temperature-20 °C60 °Cnpact energy in end positions0.008 Nmlax. force Fy170 Nlax. force Fz0.6 Nmlax. moment Mx0.6 Nmlax. moment Mz0.6 Nmlax. moment Mz0.5 Nmheoretical force at 0.6 MPa (6 bar, 87 psi), return stroke13 Nloving mass28 groduct weight104 g	Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
ABS (PWIS) conformityVDMA24364-B2-Lmbient temperature-20 °C60 °Cnpact energy in end positions0.008 Nmlax. force Fy170 Nlax. force Fz170 Nlax. moment Mx0.6 Nmlax. moment My0.6 Nmlax. moment Mz0.5 Nmheoretical force at 0.6 MPa (6 bar, 87 psi), return stroke13 Nlaving mass28 groduct weight104 g	Note on operating and pilot medium	
mbient temperature-20 °C60 °Cnpact energy in end positions0.008 Nmlax. force Fy170 Nlax. force Fz170 Nlax. moment Mx0.6 Nmlax. moment My0.6 Nmlax. moment Mz0.5 Nmheoretical force at 0.6 MPa (6 bar, 87 psi), return stroke13 Nheoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke17 Nloving mass28 groduct weight104 g	Corrosion resistance class CRC	0 - No corrosion stress
npact energy in end positions0.008 Nmlax. force Fy170 Nlax. force Fz170 Nlax. moment Mx0.6 Nmlax. moment My0.6 Nmlax. moment Mz0.5 Nmlax. moment Mz13 Nheoretical force at 0.6 MPa (6 bar, 87 psi), return stroke17 Nloving mass28 groduct weight104 g	LABS (PWIS) conformity	VDMA24364-B2-L
lax. force Fy170 Nlax. force Fz170 Nlax. moment Mx0.6 Nmlax. moment My0.6 Nmlax. moment Mz0.5 Nmlax. moment Mz0.5 Nmheoretical force at 0.6 MPa (6 bar, 87 psi), return stroke13 Nheoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke17 Nloving mass28 groduct weight104 g	Ambient temperature	-20 °C60 °C
Jax. force Fz170 NJax. moment Mx0.6 NmJax. moment My0.6 NmJax. moment Mz0.5 Nmheoretical force at 0.6 MPa (6 bar, 87 psi), return stroke13 Nheoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke17 NIoving mass28 groduct weight104 g	Impact energy in end positions	0.008 Nm
Iax. moment Mx0.6 NmIax. moment My0.6 NmIax. moment Mz0.5 NmIax. moment Mz0.5 Nmheoretical force at 0.6 MPa (6 bar, 87 psi), return stroke13 Nheoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke17 NIoving mass28 groduct weight104 g	Max. force Fy	170 N
Nax. moment My0.6 NmNax. moment Mz0.5 Nmheoretical force at 0.6 MPa (6 bar, 87 psi), return stroke13 Nheoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke17 NNoving mass28 groduct weight104 g	Max. force Fz	170 N
Iax. moment Mz0.5 Nmheoretical force at 0.6 MPa (6 bar, 87 psi), return stroke13 Nheoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke17 Nloving mass28 groduct weight104 g	Max. moment Mx	0.6 Nm
heoretical force at 0.6 MPa (6 bar, 87 psi), return stroke 13 N   heoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke 17 N   loving mass 28 g   roduct weight 104 g	Max. moment My	0.6 Nm
heoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke17 Nloving mass28 groduct weight104 g	Max. moment Mz	0.5 Nm
loving mass 28 g   roduct weight 104 g	Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	13 N
roduct weight 104 g	Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	17 N
	Moving mass	28 g
Iternative connections See product drawing	Product weight	104 g
	alternative connections	See product drawing

## FESTO



Feature	Value
Type of mounting	With through-hole
Pneumatic connection	M5
Note on materials	RoHS-compliant
Material cover	Anodised wrought aluminium alloy
Material guide	Steel
Material housing	High-alloy stainless steel