

**SLZ-50- -KF-A**

**Guide unit**

<b>Feature</b>	<b>Data/description</b>
Stroke	10 - 500 mm
Piston diameter	50 mm
Operating mode of drive unit	Slide
Cushioning	Shock absorber, hard characteristic curve
Assembly position	Any
Guide	Recirculating ball bearing guide
Design structure	Guide
Position detection	with inductive sensors with proximity sensor
Operating pressure	1,5 - 10 bar
Mode of operation	double-acting
Operating medium	Dried compressed air, lubricated or unlubricated
Corrosion resistance classification CRC	0
Ambient temperature	-20 - 80 °C
Theoretical force at 6 bar, return stroke	990 N
Theoretical force at 6 bar, advance stroke	1.178 N
Moving mass	4.000 g
Additional weight per 10 mm stroke	110 g
Basic weight for 0 mm stroke	9.540 g
Pneumatic connection	G1/4
Materials information for seals	TPE-U(PU) PA
Materials information, housing	Wrought Aluminium alloy