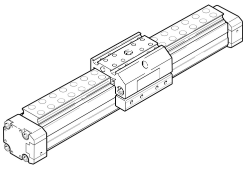
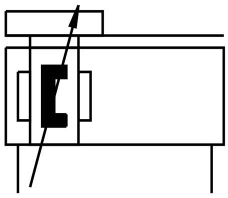
Linear drive DGPL-40-500-PPV-A-B-KF

Part number: 526667





Data sheet

Feature	Value
Stroke	500 mm
Piston diameter	40 mm
Cushioning	Pneumatic cushioning, adjustable at both ends Shock absorber, hard characteristic curve
Mounting position	optional
Guide	Recirculating ball bearing guide
Coupling design	Positive-locking (slot)
Position detection	Via proximity switch
Operating pressure	0.15 MPa...0.8 MPa 1.5 bar...8 bar
Mode of operation	Double-acting
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)
Corrosion resistance class CRC	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-10 °C...60 °C
Cushioning length	30 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	754 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	754 N
Moving mass	1700 g
Moving mass for 0 mm stroke	1700 g
Additional moving mass per 10 mm stroke	97 g
Basic weight for 0 mm stroke	4480 g
alternative connections	See product drawing
Pneumatic connection	G1/4
Material cover	Die-cast aluminium Coated
Material seals	NBR TPE-U(PU)
Material housing	Aluminium Anodised