

Technical data

FESTO

 Condition of use

Part number: 548206
Order code 1 : ADN-20-30-KP-A-P-A

Order-ID: C3778178

Technical data

Feature name	Value
Stroke	30 mm
Piston diameter	20 mm
Short type code	ADN-KP
Based on standard	ISO 21287
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Clamping type with effective direction	Both sides
Design	Piston Piston rod Cylinder barrel
Position detection	For proximity switch
Operating pressure (MPa)	0,150...1,000 MPa
Operating pressure (bar)	1,500...10,000 bar
Operating mode	Double-acting
Operating medium	LX3 Compressed air as per ISO 8573-1:2010 [7:4:4]
Note on operating/pilot medium	Lubricated operation possible (required for further use)
Corrosion resistance class KBK	Moderate corrosion stress - 2
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-10...80 °C
Impact energy in the end positions	0.2 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	141 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advancing	188 N
Type of mounting	With internal thread "With accessories" means indirect mounting via an intermediate element.
Pneumatic connection	M5
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy Anodized
Piston rod material	High-alloy steel
Cylinder barrel material	Wrought aluminum alloy Smooth-anodized