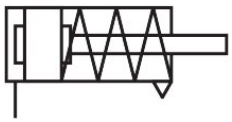
Compact cylinder
AEN-S-32-25-A-P

Part number: 8092163





Data sheet

Feature	Value
Stroke	25 mm
Piston diameter	32 mm
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Pushing
Piston rod end	External thread
Structural design	Piston Piston rod
Variants	Piston rod at one end
Operating pressure	0.1 MPa...1 MPa 1 bar...10 bar 14.5 psi...145 psi
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	0 °C...80 °C
Impact energy in the end positions	0.18 J
Theoretical force at 6 bar, retracting	42 N
Theoretical force at 6 bar, advancing	439 N
Moving mass at 0 mm stroke	31 g
Additional moving mass per 10 mm stroke	9 g
Basic weight with 0 mm stroke	107 g
Additional weight per 10 mm stroke	36 g
Type of mounting	Alternatively: With through-hole With internal thread With accessories
Pneumatic connection	M5
Note on materials	RoHS compliant
Cover material	Wrought aluminum alloy, anodized
Material of dynamic seals	NBR
Housing material	Wrought aluminum alloy, anodized

Feature	Value
Piston rod material	high-alloy stainless steel