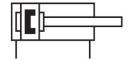
Short-stroke cylinder ADVC-25-25-I-P-A Part number: 188176







Data sheet

25 mm Cushioning Elastic cushioning rings/pads at both ends Mounting position Any Mode of operation Double-acting Piston Piston rod Position sensing Operating pressure Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating on operating and pilot media Operation with oil lubrication possible (required for further use) Operating formation on operating and pilot media Operating with oil repressure Office at 6 bar, retracting Operating for at 6 bar, retracting Operating for at 6 bar, advancing Operating medium Operating medium Operating medium Operating medium Operation with oil lubrication possible (required for further use) Operating medium Operating and pilot media Operation with oil lubrication possible (required for further use) Operating medium Operating and pilot media Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil users of the sensor of	Feature	Value
Elastic cushioning Elastic cushioning rings/pads at both ends Mounting position Any Mode of operation Double-acting Piston Piston Piston Piston rod Position sensing Piston rod Poperating pressure O.1 MPa1 MPa 1 bar10 bar 1.45, psi145 psi Deparating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Deparating medium Operating and pilot media Operation with oil lubrication possible (required for further use) Deparating resistance class (CRC) 1 - Low corrosion frests ABS (PWIS) conformity VDMA24364-B1/B2-L Wholen the meerature -20 °C80 °C Theoretical force at 6 bar, advancing 295 N Moving mass at 0 mm stroke Additional moving mass per 10 mm stroke 6 g Product weight 209 g Basic weight with 0 mm stroke 34 g Moditional moving mass per 10 mm stroke 134 g Midditional weight per 10 mm stroke 34 g With through-hole with accessories Optionally: Prenumatic connection M5 Note on materials RoHS-compliant Wrought aluminum alloy Anodized	Stroke	25 mm
Mounting position Mode of operation Double-acting Piston Piston Piston of Position sensing Poperating pressure Operating pressure Operating medium Operating and pilot media Operation resistance class (CRC) 1 - Low corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L Vambient temperature Cifeoretical force at 6 bar, retracting Moving mass Moving mass at 0 mm stroke Operating mass per 10 mm stroke Operating stroke Operating with in the problem of the minus of the problem of the p	Piston diameter	25 mm
Double-acting Bructural design Piston rod Position sensing Poperating pressure Operating pressure Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating nesistance class (CRC) 1 - Low corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L Ambient temperature Pheoretical force at 6 bar, retracting Moving mass Moving mass Moving mass at 0 mm stroke Additional moving mass per 10 mm stroke Product weight Basic weight with 0 mm stroke Additional weight per 10 mm stroke Product and in the per 10 mm stroke With through-hole With through-hole With through-hole With through-hole With accessories Optionally: Prover material Moving materials Dower materials Worught aluminum alloy Anodized	Cushioning	Elastic cushioning rings/pads at both ends
Piston Piston resorting Piston resorting Piston resorting Piston resorting pressure O.1 MPa1 MPa 1 bar10 bar 14.5 psi145 psi Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Operating and pilot media Operation with oil lubrication possible (required for further use) Operation resistance class (CRC) 1- Low corrosion stress Operating with oil respective of the ore time of t	Mounting position	Any
Piston rod Position sensing For proximity sensor On MPa1 MPa 1 bar1 O bar 1 4.5 psi145 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) Operation resistance class (CRC) 1 - Low corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L Ambient temperature - 20 °C80 °C Theoretical force at 6 bar, retracting Product with of mm stroke 29 g Additional moving mass per 10 mm stroke 6 g Product weight 20 9 g Additional weight per 10 mm stroke 134 g Additional weight per 10 mm stroke Moving mass Prope of mounting Prope of mounting Prope of mounting Prope of mounting Prope of mounterials Proper material Note on materials Proper material Prope of mounting Proper material Proper mater	Mode of operation	Double-acting
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Information on operating and pilot media Operation with oil lubrication possible (required for further use) I - Low corrosion stress VDMA24364-B1/B2-L Ambient temperature -20 °C80 °C Theoretical force at 6 bar, retracting Theoretical force at 6 bar, advancing Woving mass Woving mass at 0 mm stroke Additional moving mass per 10 mm stroke Product weight Basic weight with 0 mm stroke Additional weight per 10 mm stroke With through-hole With accessories Optionally: Pneumatic connection M5 Note on materials Cover material Wrought aluminum alloy Anodized Description of further use) 1 - Low corrosion with oil lubrication possible (required for further use) 1 - Low corrosion stress 1 - Low corrosion stress VDMA24364-B1/B2-L -20 °C80 °C -20 °	Operating pressure	1 bar10 bar
Corrosion resistance class (CRC) 1 - Low corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L Ambient temperature -20 °C80 °C Theoretical force at 6 bar, retracting 247 N Theoretical force at 6 bar, advancing 295 N Moving mass 44 g Moving mass at 0 mm stroke 29 g Additional moving mass per 10 mm stroke Product weight 209 g Basic weight with 0 mm stroke 134 g Additional weight per 10 mm stroke 34 g Type of mounting With through-hole With accessories Optionally: Pneumatic connection M5 Note on materials RoHS-compliant Wrought aluminum alloy Anodized	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
ABS (PWIS) conformity Ambient temperature -20 °C80 °C Theoretical force at 6 bar, retracting 247 N Theoretical force at 6 bar, advancing 295 N Moving mass 44 g Moving mass at 0 mm stroke 29 g Additional moving mass per 10 mm stroke 6 g Product weight 209 g Basic weight with 0 mm stroke 134 g Additional weight per 10 mm stroke 44 g With through-hole With accessories Optionally: Pneumatic connection M5 Note on materials Cover material Wrought aluminum alloy Anodized	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Ambient temperature -20 °C80 °C Theoretical force at 6 bar, retracting 247 N Theoretical force at 6 bar, advancing 295 N Moving mass 44 g Moving mass at 0 mm stroke 29 g Additional moving mass per 10 mm stroke 6 g Product weight 209 g Basic weight with 0 mm stroke 134 g Additional weight per 10 mm stroke 34 g Type of mounting With through-hole With accessories Optionally: Pneumatic connection M5 Note on materials ROHS-compliant Wrought aluminum alloy Anodized	Corrosion resistance class (CRC)	1 - Low corrosion stress
Theoretical force at 6 bar, retracting Theoretical force at 6 bar, advancing 295 N Moving mass 44 g Moving mass at 0 mm stroke 29 g Additional moving mass per 10 mm stroke 6 g Product weight Basic weight with 0 mm stroke 134 g Additional weight per 10 mm stroke 34 g Type of mounting With through-hole With accessories Optionally: Pneumatic connection M5 Note on materials Cover material Wrought aluminum alloy Anodized	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Theoretical force at 6 bar, advancing Moving mass 44 g Moving mass at 0 mm stroke 29 g Additional moving mass per 10 mm stroke 6 g Product weight 209 g Basic weight with 0 mm stroke 134 g Additional weight per 10 mm stroke With through-hole With accessories Optionally: Pneumatic connection M5 Note on materials Cover material Wrought aluminum alloy Anodized	Ambient temperature	-20 °C80 °C
Moving mass Moving mass at 0 mm stroke 29 g Additional moving mass per 10 mm stroke 6 g Product weight 209 g Basic weight with 0 mm stroke 134 g Additional weight per 10 mm stroke Type of mounting With through-hole With accessories Optionally: Pneumatic connection M5 Note on materials RoHS-compliant Wrought aluminum alloy Anodized	Theoretical force at 6 bar, retracting	247 N
Moving mass at 0 mm stroke 29 g Additional moving mass per 10 mm stroke 6 g Product weight 209 g Basic weight with 0 mm stroke 134 g Additional weight per 10 mm stroke 34 g Type of mounting With through-hole With accessories Optionally: Pneumatic connection M5 Note on materials RoHS-compliant Wrought aluminum alloy Anodized	Theoretical force at 6 bar, advancing	295 N
Additional moving mass per 10 mm stroke Product weight Basic weight with 0 mm stroke Additional weight per 10 mm stroke Additional weight per 10 mm stroke With through-hole With accessories Optionally: Pneumatic connection M5 Note on materials RoHS-compliant Wrought aluminum alloy Anodized	Moving mass	44 g
Product weight 209 g Basic weight with 0 mm stroke 134 g Additional weight per 10 mm stroke 34 g Type of mounting With through-hole With accessories Optionally: Preumatic connection M5 Note on materials RoHS-compliant Cover material Wrought aluminum alloy Anodized	Moving mass at 0 mm stroke	29 g
Basic weight with 0 mm stroke Additional weight per 10 mm stroke Type of mounting With through-hole With accessories Optionally: Pneumatic connection M5 Note on materials RoHS-compliant Wrought aluminum alloy Anodized	Additional moving mass per 10 mm stroke	6 g
Additional weight per 10 mm stroke Type of mounting With through-hole With accessories Optionally: Pneumatic connection M5 Note on materials RoHS-compliant Wrought aluminum alloy Anodized	Product weight	209 g
Fype of mounting With through-hole With accessories Optionally: Pneumatic connection M5 Note on materials RoHS-compliant Wrought aluminum alloy Anodized	Basic weight with 0 mm stroke	134 g
With accessories Optionally: Pneumatic connection M5 Note on materials RoHS-compliant Cover material Wrought aluminum alloy Anodized	Additional weight per 10 mm stroke	34 g
Note on materials RoHS-compliant Wrought aluminum alloy Anodized	Type of mounting	With accessories
Cover material Wrought aluminum alloy Anodized	Pneumatic connection	M5
Anodized	Note on materials	RoHS-compliant
Geals material TPE-U(PU)	Cover material	
	Seals material	TPE-U(PU)

Feature	Value
	Wrought aluminum alloy Anodized
Piston rod material	High-alloy steel