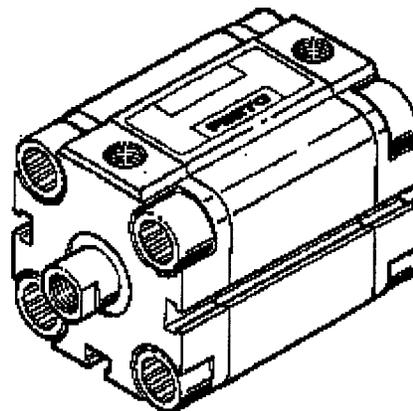
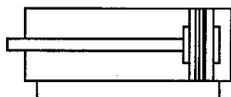


Detail view

Compact cylinder, double acting
156003
ADVU-25--P-A



Criterion Feature

Mode of operation
Double acting

Shape piston
Round

Shape of piston rod
Round

Sensing type
Magnetic

Type of cushioning
Internal cushioning ring (non-adjustable)

Protection against torsion
None

Piston, nominal size
25 ---

X-stroke
X

Min. stroke for X-stroke
1 mm

Max. stroke for X-stroke
200 mm

Piston rod diameter
10 mm

End of piston rod
Female thread

KK Piston rod thread
M 5

Operating pressure min.
1 bar

Operating pressure max.
10 bar

Minimum ambient temperature
-20 °C

Maximum ambient temperature
80 °C

Air connection type bearing cap (EE)
Female thread

EE Connecting thread for bearing cap
M 5

Material of cap
Kneaded aluminium alloy

Material of seals
NBR, TPE-U(PU)

Material of piston rod
Stainless high-alloy steel

Material of barrel/housing
Kneaded aluminium alloy

Total weight at 0 mm stroke
0,18 kg

Additional weight per 10 mm stroke
0,028 kg

Weight of moving load at 0 mm stroke
0,026 kg

Weight of moving load per 10 mm stroke
0,006 kg

Air connection type cover cap
Female thread

EE Connecting thread for end cap
M 5

Effective force (theor.) at 6 bar, adv.
295 N

Effect. force (theor.) at 6 bar, return

247 N

Air consumption at 6 bar advance /10mm
0,034 l

Air consumption at 6 bar ret stroke/10mm
0,029 l

Medium
Compressed air, filtered

© 2001 Festo AG & Co.