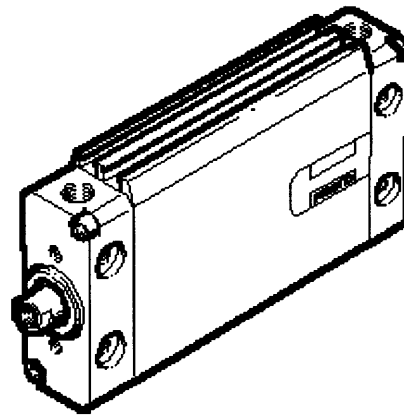
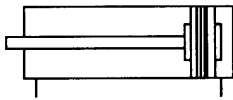


Detail view

Double acting flat
piston cylinder,
non-rotating piston
rod
164044
DZF-32-100-P-A



Criterion	Feature
Mode of operation	Double acting
Shape piston	Oval
Shape of piston rod	Round
Sensing type	Magnetic
Type of cushioning	Internal cushioning ring (non- adjustable)
Protection against torsion	Piston shape
Piston, nominal size	32 ---
Stroke	100 mm
Piston rod diameter	12 mm
End of piston rod	Female thread
KK Piston rod thread	M 6
Operating pressure min.	1 bar
Operating pressure max.	10 bar
Minimum ambient temperature	-20 °C
Maximum ambient temperature	80 °C

Air connection type	Female thread
bearing cap (EE)	
EE Connecting thread for bearing cap	G 1/8
Material of cap	Kneaded aluminium alloy
Material of seals	FPM, TPE-U(PU)
Material of piston rod	High-alloy steel
Material of barrel/housing	Kneaded aluminium alloy
Total weight at 0 mm stroke	0,272 kg
Additional weight per 10 mm stroke	0,024 kg
Weight of moving load at 0 mm stroke	0,065 kg
Weight of moving load per 10 mm stroke	0,009 kg
Air connection type	Female thread
cover cap	
EE Connecting thread for end cap	G 1/8
Effective force (theor.) at 6 bar, adv.	483 N
Effect. force (theor.) at 6 bar, return	415 N
Torque max.	0,8 Nm
Air consumpt.at 6 bar per advance stroke	0,56 l
Air consumpt. at 6 bar per return stroke	0,48 l
Medium	Dried air, lubricated or unlubricated

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