

DSNU-25--PPV-A-KP

Standard cylinder

Data sheet

Part no.: 178505

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Feature	Data/description
Mode of operation	Double acting
Shape piston	Round
Shape of piston rod	Round
In accordance with standard ISO	ISO 6432
Sensing type	Magnetic
Type of cushioning	Adjustable pneumatic cushioning
Cushioning length	17 mm
Protection against torsion	None
Clamping	Compressed air -> Compressed air
Piston, nominal size	25
X-stroke	X
Min. stroke for X-stroke	1 mm
Max. stroke for X-stroke	500 mm
Piston rod diameter	10 mm
End of piston rod	Male thread
KK Piston rod thread	M 10x1.25
Operating pressure min.	1 bar
Operating pressure max.	10 bar
Minimum ambient temperature	-20 °C
Maximum ambient temperature	80 °C
Bearing cap connection type	Female thread
EE Connecting thread for bearing cap	G 1/8
Material of cap	Wrought aluminium alloy
Material of seals	NBR, TPE-U(PU)
Material of piston rod	Stainless high-alloy steel
Material of barrel/housing	Stainless high-alloy steel
Coating of cover	Neutral anodised
Air connection type cover cap	Female thread
EE Connecting thread for end cap	G 1/8
Effective force (theor.) at 6 bar, adv.	294,5 N
Effect. force (theor.) at 6 bar, return	247,4 N

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Feature	Data/description
Air consumption at 6 bar advance /10mm	0,0317 l
Air consumption at 6 bar ret	0,0266 l
Medium	Dried air, lubricated or unlubricated