

# Double DNGU-40-100PPV-A-CT

Part number: 166102

FESTO



## Datasheet

Feature	Value
Mode of operation	Double acting
Type of mounting	Screw
Form, external	Profile
Form piston	Round
Form piston rod	Round
In accordance with standard ISO	ISO 6431
In accordance with standard VDMA	VDMA 24562
Sensing type	Magnetic
Type of cushioning	Adjustable pneumatic cushioning
Cushioning length	21 mm
Protection against torsion	None
Piston, nominal size	40 mm
Stroke	100 mm
Piston rod diameter	16 mm
Thread type (piston rod) (KK)	M
Thread diameter (metric)	12 mm
Pitch	1,25 mm
Thread length (piston rod)	24 mm
Overall length	263 mm
Operating pressure min.	0,6 bar
Operating pressure max.	12 bar
Minimum ambient temperature	-20 Cel
Maximum ambient temperature	80 Cel
Connection type bearing cap (EE)	Thread
Thread type (bearing cap)	G
Thread diameter (inch)	1/4 inch
Silicone status	Free
CT criterion	CT-free
Connection type cover cap	Thread
Thread type (cover cap)	G
Thread diameter (inch)	1/4 inch
Effective force (theor.) at 6 bar, adv	.754 N
Effect. force (theor.) at 6 bar, retur	n633 N

<b>Feature</b>	<b>Value</b>
Lateral force	90 N
Maximum buckling load	36000 N
Bending load	750 N
Air consumption at 6 bar, advance	0,88 l/<-->
Air consumption at 6 bar, return	0,74 l/<-->