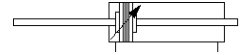
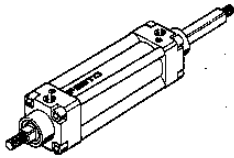


# Double DNGUL-100-PPVA-S2

Part number: 158137

FESTO



## Datasheet

Feature	Value
Mode of operation	Double acting
Type of mounting	Screw
Form, external	Profile
Form piston	Round
Form piston rod	Square
based on standard	ISO 6431/VDMA 24562
Sensing type	Magnetic
Type of cushioning	Adjustable pneumatic cushioning
Cushioning length	30 mm
Protection against torsion	Piston rod shape
Piston, nominal size	100 mm
Stroke	0 mm
Minimum stroke with B2 = 0	1 mm
Maximum stroke with B2 = 0	500 mm
Thread type (piston rod) (KK)	M
Thread diameter (metric)	20 mm
Pitch	1,5 mm
Thread length (piston rod)	40 mm
Overall length	320 mm
Operating pressure min.	0,6 bar
Operating pressure max.	10 bar
Minimum ambient temperature	-20 Cel
Maximum ambient temperature	80 Cel
Connection type side 1	Thread
Thread type (side 1) (EE)	G
Thread diameter (inch)	1/2 inch
Silicone status	Free
Connection type side 2	Thread
Thread type (side 2)	G
Thread diameter (inch)	1/2 inch
Effective force (theor.) at 6 bar, adv	.4418 N
Effect. force (theor.) at 6 bar, retur	n4418 N
Torque max.	3 Nm

<b>Feature</b>	<b>Value</b>
Max. angle of rotat. with P1, B2 (+/-)	0,45 deg
Lateral force	95 N
Maximum buckling load	7500 N
Bending load	640 N
Air consumption at 6 bar, advance	0,51 l/<-->
Air consumption at 6 bar, return	0,51 l/<-->
Medium of operation	Filtered compressed air