

EMC SGM 12/100. Guide cylinder, with slide bearing, pistons 12mm, stroke 100mm

Item no. FL-SGM-12/100

Manufacturer E.MC

EAN 4050571873332

Guide cylinder, with slide bearing, pistons 12mm,stroke 100mm

TECHNICAL DATA

HS-Code 84123100

Weight 0.6 kg



DESCRIPTION

Materials:

Body: Anodized aluminium, Plate: Steel, Guiding rods: Steel, hard chrome-plated, piston rod: Steel, hard chrome-plated, piston: Aluminium, Gaskets: NBR / PUR

Temperature range:

-10 to +60 °C

Operating pressure:

max. 10 bar

Version:

With Magnetic piston

Cylinder switch type:

D

Advantages:

- ideal for picking up large lateral loads,
- numerous fastening options,
- guidance with self-lubricating sliding bearings,
- Twist tolerance < 0.1° (±),
- air connection from at the side or from below (closed with stopper plugs),

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- main installation dimensions identical to SMC series MGPM

Piston diameter [mm]	12
Stroke [mm]	100
Version	with slide bearing
G (compressed air port)	M 5
Repair sets	SGM 12 REP
lateral force permissible [N]	22
permissible torque at the end-plate [Nm]	0,36
C [mm]	29,0
D [mm]	8
D1 [mm]	6
E [mm]	13,0
FA [mm]	8
FB [mm]	13
GA [mm]	7,5
GB [mm]	11,0
GC [mm]	8,0
GD [mm]	13,0
GE [mm]	11,0
H [mm]	58
J [mm]	18,0
K [mm]	25
L1 [mm]	6
L2 [mm]	3
M	M 5
M1 [mm]	10
ML [mm]	10
MM	M 4
N [mm]	5
NN [mm]	40
P [mm]	4,2
PA (+0,03 / -0) [mm]	3
PP [mm]	3,5
Q [mm]	14
QL [mm]	48

R ($\pm 0,02$) [mm]	23
RR [mm]	41
T [mm]	8.0 (4.5 deep)
V [mm]	37
VA [mm]	7,4
VB [mm]	4,4
VC [mm]	3,7
VD [mm]	2,0
VE [mm]	6,2
W [mm]	26
WA [mm]	50
WB [mm]	18
WL [mm]	56
WW [mm]	22