

EMC SGM 25/175. Guide cylinder, with slide bearing, pistons 25mm, stroke 175mm

Item no. FL-SGM-25/175

Manufacturer E.MC

EAN 4050571873622

Guide cylinder, with slide bearing, pistons 25mm,stroke 175mm

TECHNICAL DATA

HS-Code **84123100**Weight **2.8 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]	25
Stroke [mm]	175
Version	with slide bearing
G (compressed air port)	G 1/8"
Repair sets	SGM 25 REP
lateral force permissible [N]	71
permissible torque at the end-plate [Nm]	1,83
C [mm]	37,5
D [mm]	16
D1 [mm]	12
E [mm]	51,0
FA [mm]	10
FB [mm]	16
GA [mm]	9,0
GB [mm]	11,5
GC [mm]	13,5
GD [mm]	12,5
GE [mm]	11,5
H [mm]	93
J [mm]	28,5
K [mm]	77
L1 [mm]	6
L2 [mm]	3
M	M 6
M1 [mm]	12
ML [mm]	15
MM	M 6
N [mm]	17
NN [mm]	120
P [mm]	5,2
PA (+0,03 / -0) [mm]	4
PP [mm]	4,5
Q [mm]	26
QL [mm]	78

R ($\pm 0,02$) [mm]	34
RR [mm]	64
T [mm]	9.5 (5.5 deep)
V [mm]	50
VA [mm]	8,4
VB [mm]	5,4
VC [mm]	4,5
VD [mm]	3,0
VE [mm]	8,2
W [mm]	42
WA [mm]	82
WB [mm]	30
WL [mm]	91
WW [mm]	38