

# EMC ELS 12/75-B. Compact carriages, pistons 12mm, stroke 75mm, with stroke limitation on both sides (shock absorber)

<b>Item no.</b>	FL-ELS-12/75-B	<b>Manufacturer</b>	E.MC
<b>Manufacturer no.</b>	ELS 12/75-B	<b>EAN</b>	4050571876722

Compact carriages, pistons 12mm,stroke 75mm, with stroke limitation on both sides (shock absorber)

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Condition of article	<b>New</b>
HS-Code	<b>84123100</b>
Weight	<b>75 kg</b>



## DESCRIPTION

Materials:

Body and plate: Anodized aluminium, piston rods: Stainless steel, Piston: Aluminium, Gaskets: NBR / PUR

Temperature range:

-10 to +60 °C

Operating pressure:

max. 7 bar

Piston speed

50 - 500 mm/s

Version:

With Magnetic piston

Optional:

with stroke limitation (fixed stop) while deploying (-10 mm) **-AS\***, with stroke limitation (fixed stop) retracting (-10 mm) **-AT\***, with stroke limitation (fixed stop) on both sides (-20 mm)**-A\***, with stroke limitation (shock absorber) while deploying (not Ø 6, Ø 8: -20mm, Ø 12: -18 mm, Ø 16 & 20: -25 mm,

Ø 25: -35 mm) **-BS\***, with stroke limitation (shock absorber) while retracting (not Ø 6, Ø 8: -20 mm, Ø 12: -18 mm, Ø 16 & 20: -25 mm, Ø 25: -35 mm) **-BT\***, with stroke limitation (shock absorber) on both sides (not Ø 6, Ø 8: -40 mm, Ø 12: -36 mm, Ø 16 & 20: -50 mm, Ø 25: -70 mm) **-B\***

Cylinder switch type:

D

Advantages:

- high rigidity,
- numerous fastening options,
- position holes for accurately repeatable workpiece mounting,
- stroke adjustable by stroke limiters (as fixed stop or shock absorber),
- main installation dimensions identical to SMC Series MXS

Piston diameter [mm]	12
Stroke [mm]	75
Stroke (adjustment range) [mm]	39 - 75
Version	with stroke limitation on both sides (shock absorber)
G (compressed air port)	M 5
Repair sets	<a href="#">ELS 12 REP</a>
A [mm]	50
B [mm]	47
BA [mm]	20
BB [mm]	9,0
BC [mm]	5,0
BD	M 4
BD1 [mm]	6,0
C [mm]	32
CA [mm]	28,5
F [mm]	55
FA [mm]	28
FB [mm]	16
FC (+0.03 / -0.2) [mm]	4 (3.5 deep)
FD [mm]	5
FE	M 4
FE1 [mm]	5,5
FF [mm]	55
H [mm]	36
HA [mm]	72
HB [mm]	61
HC [mm]	25
HE	M 5
HE1 [mm]	10
HF [mm]	4,2

KA [mm]	38
KB [mm]	16
KC	M 5
KC1 [mm]	8
L [mm]	16,5
LA [mm]	9,0
LB [mm]	19,5
LC [mm]	9,5
LD [mm]	18,5
LE [mm]	8,5
LF [mm]	5,0
LG [mm]	8,0
LH [mm]	9,5
LJ [mm]	2
LK [mm]	4,75
LM [mm]	5,0
LN [mm]	10,0
LO	M 4
LO1 [mm]	5,0
LP	M 4
LP1 [mm]	5,0
M [mm]	149
MA [mm]	8
N	6x
N1	4x
N2	4x
P	M 8x1
Z [mm]	148,0