

EMC ELS 12/40-B. Compact carriages, pistons 12mm, stroke 40mm, with stroke limitation on both sides (shock absorber)

Item no. FL-ELS-12/40-B

Manufacturer E.MC

EAN 4050571876609

Compact carriages, pistons 12mm, stroke 40mm, with stroke limitation on both sides (shock absorber)

TECHNICAL DATA

HS-Code	84123100
Weight	0.49 kg



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

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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]	40
Stroke (adjustment range) [mm]	4 - 40
Version	with stroke limitation on both sides (shock absorber)
G (compressed air port)	M 5
Repair sets	ELS 12 REP
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]	50
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]	50
H [mm]	25
HA [mm]	25
HB [mm]	42

HC [mm]	17
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]	83
MA [mm]	8
N	4x
N1	3x
N2	4x
P	M 8x1
Z [mm]	82,0