

# EMC ELS 16/20-B. Compact carriages, pistons 16mm, stroke 20mm, with stroke limitation on both sides (shock absorber)

<b>Item no.</b>	FL-ELS-16/20-B	<b>Manufacturer</b>	E.MC
<b>Manufacturer no.</b>	ELS 16/20-B	<b>EAN</b>	4050571876968

Compact carriages, pistons 16mm,stroke 20mm, 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>7 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]	16
Stroke [mm]	20
Stroke (adjustment range) [mm]	0 - 20
Version	with stroke limitation on both sides (shock absorber)
G (compressed air port)	M 5
Repair sets	<a href="#">ELS 16 REP</a>
A [mm]	62
B [mm]	58
BA [mm]	26
BB [mm]	12,0
BC [mm]	6,0
BD	M 5
BD1 [mm]	7,0
C [mm]	40
CA [mm]	36,5
F [mm]	35
FA [mm]	35
FB [mm]	21
FC (+0.03 / -0.2) [mm]	5 (4 deep)
FD [mm]	6
FE	M 5
FE1 [mm]	6,0
FF [mm]	35
H [mm]	40
HA [mm]	40
HB [mm]	16
HC [mm]	16
HE	M 6
HE1 [mm]	12
HF [mm]	5,1

KA [mm]	48
KB [mm]	20
KC	M 6
KC1 [mm]	10
L [mm]	19,0
LA [mm]	8,0
LB [mm]	24,0
LC [mm]	12,0
LD [mm]	21,0
LE [mm]	10,0
LF [mm]	5,5
LG [mm]	9,5
LH [mm]	11,0
LJ [mm]	3
LK [mm]	5,50
LM [mm]	6,0
LN [mm]	12,0
LO	M 5
LO1 [mm]	6,5
LP	M 5
LP1 [mm]	5,5
M [mm]	76
MA [mm]	10
N	4x
N1	2x
N2	4x
P	M 10x1
Z [mm]	75,0