

# EMC ELS 20/100-BS. Compact carriages, pistons 20mm, stroke 100mm, with stroke limitation for deploying (shock absorber)

<b>Item no.</b>	FL-ELS-20/100-BS	<b>Manufacturer</b>	E.MC
<b>Manufacturer no.</b>	ELS 20/100-BS	<b>EAN</b>	4050571877279

Compact carriages, pistons 20mm,stroke 100mm, with stroke limitation for deploying (shock absorber)

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Condition of article	<b>New</b>
HS-Code	<b>84123100</b>
Weight	<b>23 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]	20
Stroke [mm]	100
Stroke (adjustment range) [mm]	75 - 100
Version	with stroke limitation for deploying (shock absorber)
G (compressed air port)	G 1/8"
Repair sets	<a href="#">ELS 20 REP</a>
A [mm]	76
B [mm]	73
BA [mm]	30
BB [mm]	18,0
BC [mm]	6,0
BD	M 5
BD1 [mm]	8,0
BE [mm]	30
C [mm]	50
CA [mm]	45,5
F [mm]	70
FA [mm]	46
FB [mm]	27
FC (+0.03 / -0.2) [mm]	5 (5 deep)
FD [mm]	6
FE	M 5
FE1 [mm]	10,0
FF [mm]	70
H [mm]	35
HA [mm]	70
HB [mm]	107
HC [mm]	37
HE	M 6
HE1 [mm]	12

HF [mm]	5,1
KA [mm]	58
KB [mm]	25
KC	M 6
KC1 [mm]	13
L [mm]	21,0
LA [mm]	9,0
LB [mm]	27,5
LC [mm]	15,0
LD [mm]	25,0
LE [mm]	12,0
LF [mm]	6,5
LG [mm]	13,0
LH [mm]	13,0
LJ [mm]	3
LK [mm]	6,50
LM [mm]	8,0
LN [mm]	14,0
LO	M 6
LO1 [mm]	7,0
LP	M 6
LP1 [mm]	7,0
M [mm]	200
MA [mm]	13
N	6x
N1	5x
N2	6x
P	M 14x1,5
Z [mm]	198,5