

EMC ELS 8/20-B. Compact carriages, pistons 8mm, stroke 20mm, with stroke limitation on both sides (shock absorber)

Item no. FL-ELS-8/20-B

Manufacturer E.MC

EAN 4050571877743

Compact carriages, pistons 8mm, stroke 20mm, with stroke limitation on both sides (shock absorber)

TECHNICAL DATA

HS-Code	84123100
Weight	0.22 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,

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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]	8
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	ELS 8 REP
A [mm]	40
B [mm]	37
BA [mm]	15
BB [mm]	6,5
BC [mm]	3,5
BD	M 3
BD1 [mm]	4,0
C [mm]	24
CA [mm]	22,0
F [mm]	25
FA [mm]	23
FB [mm]	12
FC (+0.03 / -0.2) [mm]	3 (3 deep)
FD [mm]	4
FE	M 3
FE1 [mm]	5,0
FF [mm]	25
H [mm]	30
HA [mm]	30

HB [mm]	12
HC [mm]	12
HE	M 4
HE1 [mm]	8
HF [mm]	3,2
KA [mm]	30
KB [mm]	12
KC	M 4
KC1 [mm]	6
L [mm]	13,5
LA [mm]	8,0
LB [mm]	16,0
LC [mm]	6,5
LD [mm]	14,6
LE [mm]	7,0
LF [mm]	3,8
LG [mm]	7,0
LH [mm]	7,0
LJ [mm]	2
LK [mm]	3,50
LM [mm]	4,0
LN [mm]	6,5
LO	M 3
LO1 [mm]	4,5
LP	M 3
LP1 [mm]	6,0
M [mm]	54
MA [mm]	6
N	4x
N1	2x
N2	4x
P	M 8x1
Z [mm]	53,5