

# EMC ELS 25/125-B. Compact carriages, pistons 25mm, stroke 125mm, with stroke limitation on both sides (shock absorber)

|                         |                        |                     |                      |
|-------------------------|------------------------|---------------------|----------------------|
| <b>Item no.</b>         | <b>FL-ELS-25/125-B</b> | <b>Manufacturer</b> | <b>E.MC</b>          |
| <b>Manufacturer no.</b> | <b>ELS 25/125-B</b>    | <b>EAN</b>          | <b>4050571925956</b> |

Compact carriages, pistons 25mm,stroke 125mm, 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>39 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]           | 25  |
| Stroke [mm]                    | 125   |
| Stroke (adjustment range) [mm] | 55 - 125  |
| Version                        | with stroke limitation on both sides (shock absorber) |
| G (compressed air port)        | G 1/8"  |
| Repair sets                    | <a href="#">ELS 25 REP</a>                            |
| A [mm]                         | 86  |
| B [mm]                         | 86  |
| BA [mm]                        | 38  |
| BB [mm]                        | 22,0  |
| BC [mm]                        | 7,0   |
| BD                             | M 6   |
| BD1 [mm]                       | 10,0  |
| BE [mm]                        | 38  |
| C [mm]                         | 62  |
| CA [mm]                        | 56,5  |
| F [mm]                         | 75  |
| FA [mm]                        | 56  |
| FB [mm]                        | 30  |
| FC (+0.03 / -0.2) [mm]         | 6 (6 deep)  |
| FD [mm]                        | 7   |
| FE                             | M 6   |
| FE1 [mm]                       | 13,0  |
| FF [mm]                        | 75  |
| H [mm]                         | 38  |
| HA [mm]                        | 76  |
| HB [mm]                        | 154   |
| HC [mm]                        | 40  |
| HE                             | M 8   |
| HE1 [mm]                       | 8   |

|          |          |
|----------|----------|
| HF [mm]  | 6,8      |
| KA [mm]  | 70       |
| KB [mm]  | 31       |
| KC       | M 8      |
| KC1 [mm] | 15       |
| L [mm]   | 25,0     |
| LA [mm]  | 12,0     |
| LB [mm]  | 33,5     |
| LC [mm]  | 16,0     |
| LD [mm]  | 33,0     |
| LE [mm]  | 15,0     |
| LF [mm]  | 9,0      |
| LG [mm]  | 16,5     |
| LH [mm]  | 16,0     |
| LJ [mm]  | 4        |
| LK [mm]  | 8,00     |
| LM [mm]  | 7,5      |
| LN [mm]  | 17,0     |
| LO       | M 8      |
| LO1 [mm] | 8,5      |
| LP       | M 8      |
| LP1 [mm] | 8,0      |
| M [mm]   | 255      |
| MA [mm]  | 15       |
| N        | 8x       |
| N1       | 6x       |
| N2       | 6x       |
| P        | M 14x1,5 |
| Z [mm]   | 253,5    |