

EMC ELS 20/10-B. Compact carriages, pistons 20mm, stroke 10mm, with stroke limitation on both sides (shock absorber)

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| Item no. | FL-ELS-20/10-B | Manufacturer | E.MC |
| Manufacturer no. | ELS 20/10-B | EAN | 4050571877323 |

Compact carriages, pistons 20mm,stroke 10mm, with stroke limitation on both sides (shock absorber)

TECHNICAL DATA

| | |
|----------------------|-------------------------|
| Article authenticity | Original product |
| Condition of article | New |
| HS-Code | 84123100 |
| Weight | 13 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 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

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|--------------------------------|---|
| Piston diameter [mm] | 20 |
| Stroke [mm] | 10 |
| Stroke (adjustment range) [mm] | 0 - 10 |
| Version | with stroke limitation on both sides (shock absorber) |
| G (compressed air port) | G 1/8" |
| Repair sets | ELS 20 REP |
| 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] | 50 |
| 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] | 40 |
| H [mm] | 45 |
| HA [mm] | 35 |
| HB [mm] | 25 |
| HC [mm] | 15 |
| 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] | 83 |
| MA [mm] | 13 |
| N | 4x |
| N1 | 2x |
| N2 | 6x |
| P | M 14x1,5 |
| Z [mm] | 81,5 |