

## EMC ELS 20/75-A. Compact carriages, pistons 20mm, stroke 75mm, with stroke limitation on both sides (fixed stop)

Item no. FL-ELS-20/75-A

Manufacturer E.MC

EAN 4050571877651

Compact carriages, pistons 20mm, stroke 75mm, with stroke limitation on both sides (fixed stop)

### TECHNICAL DATA

|         |          |
|---------|----------|
| HS-Code | 84123100 |
| Weight  | 1.9 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

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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]                    | 75                                                |
| Stroke (adjustment range) [mm] | 55 - 75                                           |
| Version                        | with stroke limitation on both sides (fixed stop) |
| 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]                         | 60                                                |
| 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]                        | 60                                                |
| H [mm]                         | 35                                                |
| HA [mm]                        | 70                                                |

|          |       |
|----------|-------|
| HB [mm]  | 54    |
| HC [mm]  | 19    |
| 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]   | 147   |
| MA [mm]  | 13    |
| N        | 6x    |
| N1       | 4x    |
| N2       | 6x    |
| Z [mm]   | 145,5 |