

# Product datasheet

Specifications



SH3 servomotor, 100mm, 4 stacks, keyed Shaft, Multiturn DSL 18bit, Brake, OneMotorCable straight M23, IP54/65

SH31004P1BF3000

ⓘ Discontinued

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

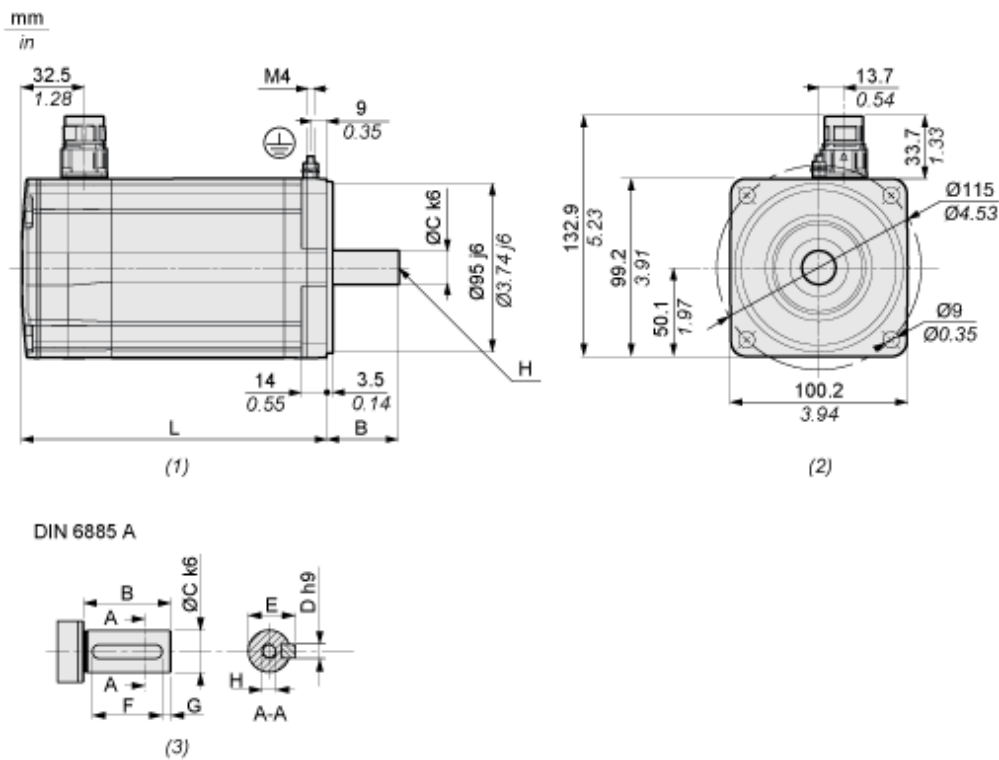
[How we assess product sustainability >](#)

### Use Longer

| Lifetime extension |    |
|--------------------|----|
| Repair             | No |

Dimensions Drawings

Dimensions



- (1) : Side view
- (2) : Mounting
- (3) : Feather key

| Characteristic |                                    | Unit    | Value            |
|----------------|------------------------------------|---------|------------------|
| L              | Length with holding brake          | mm (in) | 307.5 (12.11)    |
| B              | Shaft length                       | mm (in) | 50 (1.97)        |
| C              | Shaft diameter                     | mm (in) | 24 (0.94)        |
| D              | Width of parallel key              | mm (in) | 8 (0.31)         |
| E              | Shaft width with parallel key      | mm (in) | 27 (1.06)        |
| F              | Length of parallel key             | mm (in) | 40 (1.57)        |
| G              | Distance parallel key to shaft end | mm (in) | 5 (0.2)          |
| H              | Female thread of shaft             |         | DIN 332-D M8     |
|                | Parallel key                       |         | DIN 6885-A8x7x40 |