

## Direct current servomotors

### ESA

An advanced mechanical design and a recognized technology make the **ESA** servomotor a reliable and durable product, with an optimum dimensional/performance ratio. The ESA range has a high overload capacity and notably linear rotation, even at low speed. A commutator with a high number of blades and a built-in tachogenerator allow repeated and precise speed variations even at high torque values.

#### Feature

- 0.32 - 15Nm torque
- 4 poles tachogenerator with rare earth magnets
- IP54 protection
- Customized electromagnetic circuit to overcome the cogging effect
- CE certified

Servomotor type	Continuous stall torque (Nm)	Motor diameter (mm)	Brake length (mm)	Motor length (mm)
ESA 2S ESA 2L	0.32 0.47	57.8	41.5	136 183.5
ESA 3XS ESA 3S ESA 3SL ESA 3M ESA 3L	0.6 0.93 1.3 1.6 2.1	83.5	44	177.5 212.5 229 267.5 322.5
ESA 6S ESA 6F ESA 6M ESA 6L	2.65 3.5 5.5 8	116	* * * *	268 268 340 412
ESA 9S ESA 9M ESA 9L	6 11 15	153.5	* * *	298 363 424

\*Included in motor's length.

