

Brushless servomotors **TETRA COMPACT**

A range of salient poles brushless servomotors that, thanks to the dedicated design and the constructional shape, boasts extraordinary shape/performance ratios. With excellent efficiency, high standard reliability, durable life and high electromagnetic immunity, **TETRA COMPACT** optimally answers every specific application requirement. The wide range of winding and feedback, together with its accessory range, contributes to the series versatility.

Feature

- 0.16 - 8.5Nm torque
- Sinusoidal wave form
- 3000Rpm nominal speed - 6000 Rpm maximum speed
- 8 poles motor with NdFeB magnets
- IP65 protection
- Class F insulation
- Feedback: Resolver, SinCos encoder, TTL encoder, Hall Sensors, absolute encoders
- Connection cables for signal and power
- Emergency brake with permanent magnets
- Planetary gearboxes
- Insulation system UL / CSA
- CE certified

Servomotor type	Rated stall torque* (Nm)	Rated speed (Rpm)	Motor dimensions (mm)	Motor lenght (mm)	Brake lenght** (mm)
TETRA COMPACT 40 0.16 TETRA COMPACT 40 0.32	0.16 0.32	Da 5000 a 6000 Da 5000 a 6000	40 60	91 40	31 31
TETRA COMPACT 60 0.65 TETRA COMPACT 60 1.3	0.65 1.3	Da 1500 a 6000 Da 1500 a 6000	60 60	111 136	37 37
TETRA COMPACT 80 1.5 TETRA COMPACT 80 2.8	1.5 2.8	Da 1500 a 6000 Da 1500 a 6000	80 80	128 153	42 42
TETRA COMPACT 100 3.5 TETRA COMPACT 100 6.0 TETRA COMPACT 100 8.5	3.5 6.0 8.5	Da 1500 a 5000 Da 1500 a 5000 Da 1500 a 5000	100 100 100	145 175 205	50 50 50

* Output continuous ratings with 250x250x6mm heat sink flange coupling (300x300x6mm for Tetra Compact 100)

** The safety brake increases the motor lenght with value Brake lenght

