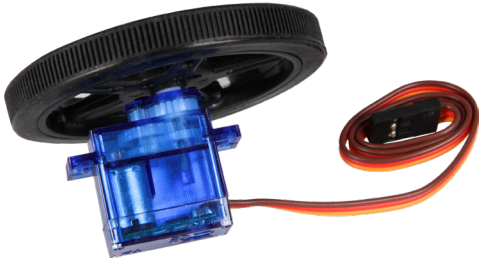


COM-MOTOR05

Continuous Servomotor FS90R with wheel



This small and light servo motor is ideal for controlling or regulating small loads. Operated with 5V, this small servo has a maximum torque of up to 1.5 kg/cm.

Please note: This is a continuous servo motor. Unlike a conventional servo motor, this one uses a PWM signal to set the speed and direction of rotation instead of the position.



MAIN FEATURES

Dimension (Motor)	32.6 x 32 x 12.5mm
Wheel diameter	60mm
Wheel Width	8mm
Weight (Motor)	9g
Peak Torque	1.5 kg/cm
Rotations (without load)	110 - 130RPM
Scope of delivery	Motor, Wheel, Adapterset

MOTOR FEATURES

Operating Voltage	4.6 - 6V DC
Operating Current	100 - 120mA
Idle Current	5 - 6mA
Stall Current	550 - 650mA
Gear Type	Plastic (Nylon und POM)
Horn Gear Spline	20T (4.8mm)
Connection Wire Length	200mm
Command Signal	Pulse Width Modulation
Pulse Width Range	700 - 2300µsec
Dead Band Width	90 µsec
Default Stop Position	1500 (± 45)µsec
Rotating Direction (CW)	bei 1500 - 700µsec
Rotating Direction (CCW)	bei 1500 - 2300µsec

ADDITIONAL INFORMATION

Operating Temperature	-15 - 70°C
Article No.	COM-Motor05
EAN	4250236818658
Duty No.	8501109990