

MODEL	Reduction ratio	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY				STARTING	
		OPERATING RANGE	NOMINAL	SPEED	CURRENT	SPEED	CURRENT	TORQUE	OUTPUT	TORQUE	CURRENT
				rpm ±10%	A	rpm ±10%	A	N. M	w	N. M	A
2024005800	56: 1	6V-15V	12V	178	0.13	150	0.6	0.2	3.2	1	2.95

Features of each part of the motor



Super High Torque 520 DC Gear Motor

SIMPLIFIED DATASHEET

⊙Material:

Copper, metal, magnet

⊙Operating Voltage:

DC 12V

⊙Shaft Diameter:

4mm (D shaft)

⊙Connector:

with 2pin JST XH2.54 Female connector

⊙Item Type:

Gear Motor

⊙D Shaft axis length:

10mm

⊙Weight:

145g

⊙Size:

37mm (D) * 72mm

⊙Cable length:

170mm

⊙Performance:

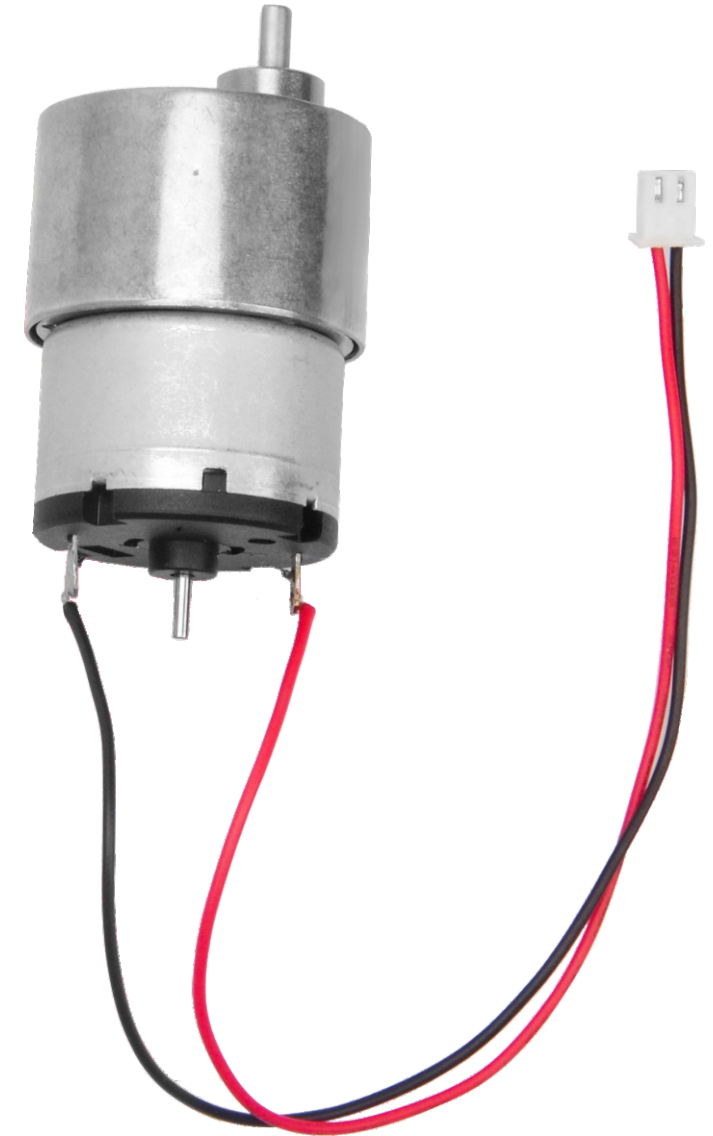
Support adjustable speed

Support forward and reverse rotation

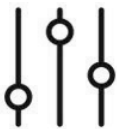
High-precision 11-line magnetic ring

⊙Uses:

**Can be used in smart home appliances,
office automation, automobiles, personal
care, robotics, electronic locks, industrial
automation and other fields**



Built-in
inductive drive



Support adjustable
speed



FG Signal
Feedback



Overcurrent
protection



Overvoltage
protection



Overheating
protection