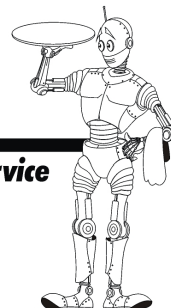




La robotique à votre service



Banebots 12V 263RPM 2527oz-in Planetary Gearmotor w/RS-540 Motor Specifications

Physical

Type	Planetary
Reduction	64:1
Gear Material	All Metal
Weight (Gearbox only)	7.2 oz (205g)
Weight (with motor)	12.6 oz (358g)
Length (Gearbox only)	1.9 in (49mm)
Length (with motor)	4 in (102mm)
Width (Square)	1.5 in (38mm)
Shaft Diameter	0.375 in (10mm)
Shaft Length	2.15 in (55mm)
Mounting Holes (2)	#10-32
Shaft End Tap	#8-32
Shaft Key	0.125 in (3.2mm)

Calculated Performance*

Type	Planetary
Motor	RS-540
Operating v	4.5v – 12v
Nominal v	12v
No Load RPM	263
No Load A	1A
Stall Current	42A
Stall Torque	2527 oz-in / 17843 mN-m
Kt	60.2 oz-in/A / 425 mN-m/A
Kv	22 rpm/v

*All performance numbers are calculated using motor data at Nominal Voltage. They do not factor in loss from the gearbox.