

Permanent Magnet DC Motor MY1020Z



Specification	MY1020Z	
Rated Output Power	450W	600W
Rated Voltage	24/36/48V DC	36/48/60V DC
Rated speed	3000RPM	3200RPM
No load speed	3400RPM	3700RPM
Full load Current	≤24.0/16.0/12.0A	≤21.40/16.0/13.0A
No load Current	≤2.5/2.2/2.0A	≤2.5/2.2/2.0A
Rated Torque	1.45 N.m	1.80 N.m
Efficiency	≥78%	≥78%
Gear ratio	1:6.67	
Application	Small and Medium size E- Tricycle	

Product Type: Brush DC Motor

Model: MY1020Z,

Main Application Range: Electric Scooter

Parameter:

transmission	chain sprocket (10 teeth, pitch 1/2"=12,7 mm, thickness 5mm), exchangeable
shaft	diameter 18 mm; groove and tongue
transmission ratio	1:6.67
efficiency	≥78%
weight	5.4 KG

External dimensions:

housing length	17.5 cm
housing width	14.5 cm
total height (with plate)	14 cm

Plate dimensions:

length	120 mm
width	73 mm
Length wised hole distance	99 mm
Width wised hole distance	57 mm

Further attributes:

- carbon brushes, 4pcs
- ball bearing
- Ingress Protection Rating IP-Code: IP33
- CE certified
- both sides turning