

ZDx97 Group DC Motors



This ZDx97 group consists of 3 models, ZD197, ZD297 and ZD497, which respectively runs on 12V, 24V and 48V.

Heavy traction power with ultra-high starting torque, engineered for battery-operated industrial vehicles.

Series-wound construction provides powerful low-speed pulling force, ideal for AGVs, tow tractors, electric winches and medium-sized stacking equipment. Featuring no permanent magnets, it withstands severe vibration and high-temperature working conditions without any demagnetization risk.

Pinghao offers this model of DC Motor as to the following specifications:

Item	ZD197	ZD297	ZD497
Voltage	12V	24V	48V
Power	4.0kW	4.0kW	4.0kW
Current	215A	180A	160A
Torque	14N.m	15N.m	15N.m

They share some parameters as the following:



Pinghao

- Excitation Type: Series Excited
- Working Mode:
- Insulation: F
- Poles: 4
- No-load Speed: 6000 RPM
- Shaft Type:
- Rotation: Clockwise
- Power Factor: 0.71
- Efficiency: 71%
- Winding: 100% pure copper
- Dimensions: 47.00 x 23.00 x 21.00 (cm)
- Volume: 22,701 cubic centimeters
- Weight: 10kg



- 27 years of DC motor manufacturing expertise.
- OEM/ODM supported.
- Custom voltage, speed, shaft and mounting configurations available.
- ISO 9001-compliant quality assurance procedures.
- CE certified.
- 100% inspection before shipment, see how.
- Technical support and after-sales service provided.

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