

Floor Care line | PMDC Motors



66 FRAME DUAL SPEED DC PERMANENT MAGNET MOTOR APPLICATIONS

- BRUSH DRIVE MOTORS FOR POLISHERS / SCRUBBER
- 115/230V AC INPUT FLOOR MACHINES
- LOW PROFILE DESIGN
- DUAL SPEED

200ZYJ002

Rated Power (W): 1100
 Rated Voltage (V): 115V
 Gear Ratio: 10:1
 Rated Torque (ft.lbs): 2.36
 (N.m): 3.2
 Rated Speed (r/min): 320/180
 Rated Current (A): 15/15
 Winding Insulation Class: B
 Brush Life: 800h
 Duty Cycle: S1

200ZYJ003

Rated Power (W): 110
 Rated Voltage (V): 230V
 Gear Ratio: 10:1
 Rated Torque (ft.lbs): 2.36
 (N.m): 3.2
 Rated Speed (r/min): 320/180
 Rated Current (A): 8/8
 Winding Insulation Class: B
 Brush Life: 800h
 Duty Cycle: S1



56 FRAME PERMANENT MAGNET MOTOR APPLICATIONS

- BRUSH DRIVE MOTORS
- TRACTION DRIVE MOTORS
- FLOOR CARE AND OTHER VEHICLE DRIVES
- RUGGED, DEPENDABLE, LONG LIFE MOTORS
- ALUMINUM ALLOY INTEGRAL GEARBOX

156ZYT001

Rated Power (W): 740
 Rated Voltage (V): 24V
 Gear Ratio: 5.2:1
 Rated Torque (ft.lbs): 22.88
 (N.m): 31
 Rated Speed (r/min): 200
 Rated Current (A): 42
 Winding Insulation Class: B
 Shaft Size: Ø19
 Brush Life: >3000h
 Duty Cycle: 10%

156ZYT002

Rated Power (W): 740
 Rated Voltage (V): 220V
 Gear Ratio: 5.2:1
 Rated Torque (ft.lbs): 22.88
 (N.m): 31
 Rated Speed (r/min): 200
 Rated Current (A): 5.5
 Shaft Size: Ø19
 Brush Life: >1500h
 Duty Cycle: 10%

156ZYT003

Rated Power (W): 740
 Rated Voltage (V): 36V
 Gear Ratio: 5.2:1
 Rated Torque (ft.lbs): 22.88
 (N.m): 31
 Rated Speed (r/min): 200
 Rated Current (A): 28
 Winding Insulation Class: B
 Shaft Size: Ø19
 Brush Life: >3000h
 Duty Cycle: 10%



118MM FRAME PERMANENT MAGNET MOTOR APPLICATIONS

- BRUSH DRIVE MOTORS
- TRACTION DRIVE MOTORS
- FLOOR CARE AND OTHER VEHICLE DRIVES
- RUGGED, DEPENDABLE, LONG LIFE MOTORS
- ALUMINUM ALLOY INTEGRAL GEARBOX

118ZYJ001

Rated Power (W): 550
 Rated Voltage (V): 24V
 Rated Torque (ft.lbs): 2.14
 (N.m): 2.9
 Gear Ratio: 10:1
 Rated Speed (r/min): 180
 Rated Current (A): 30
 Winding Insulation Class: F
 Shaft Size: Ø20
 Brush Life: 1850h
 Duty Cycle: S1



42 FRAME PERMANENT MAGNET MOTOR APPLICATIONS

- BRUSH DRIVE MOTORS
- TRACTION DRIVE MOTORS
- FLOOR CARE AND OTHER VEHICLE DRIVES
- RUGGED, DEPENDABLE, LONG LIFE MOTORS
- ALUMINUM ALLOY INTEGRAL GEARBOX

114ZYT001

Rated Power (W): 450
 Rated Voltage (V): 24V
 Gear Ratio: 10:1
 Rated Torque (ft.lbs): 1.85
 (N.m): 2.5
 Rated Speed (r/min): 138
 Rated Current (A): 21
 Winding Insulation Class: B
 Shaft Size: Ø20
 Brush Life: 1500h
 Duty Cycle: S1

114ZYT005

Rated Power (W): 340
 Rated Voltage (V): 110V
 Gear Ratio: 10:1
 Rated Torque (ft.lbs): 1.69
 (N.m): 2.3
 Rated Speed (r/min): 140
 Rated Current (A): 5
 Winding Insulation Class: F
 Shaft Size: Ø19
 Brush Life: 500h
 Duty Cycle: S1



42 FRAME PERMANENT MAGNET MOTOR APPLICATIONS

- BRUSH DRIVE MOTORS
- TRACTION DRIVE MOTORS
- FLOOR CARE AND OTHER VEHICLE DRIVES
- RUGGED, DEPENDABLE, LONG LIFE MOTORS

114ZYT008 (No Gearbox)

Rated Power (W): 600
 Rated Voltage (V): 24V
 Rated Torque (ft.lbs): 1.18
 (N.m): 1.6
 Rated Speed (r/min): 3600
 Rated Current (A): 33
 Winding Insulation Class: F
 Brush Life: 700h
 Duty Cycle: S1

114ZYT009 (No Gearbox)

Rated Power (W): 600
 Rated Voltage (V): 24V
 Rated Torque (ft.lbs): 1.18
 (N.m): 1.6
 Rated Speed (r/min): 3600
 Rated Current (A): 33
 Winding Insulation Class: F
 Shaft Size: Ø14
 Brush Life: 700h
 Duty Cycle: S1



APPLICATIONS

- BRUSH DRIVE MOTORS
- TRACTION DRIVE MOTORS
- FLOOR CARE AND OTHER VEHICLE DRIVES
- RUGGED, DEPENDABLE, LONG LIFE MOTORS

78ZYT009

Rated Power (W): 92
 Rated Voltage (V): 230V
 Rated Torque (ft.lbs): 0.18
 (N.m): 0.25
 Rated Speed (r/min): 3500
 Rated Current (A): 0.45
 Winding Insulation Class: B
 Shaft Size: Ø7.95
 Brush Life: 1000h
 Duty Cycle: S1

78ZYT013

Rated Power (W): 184
 Rated Voltage (V): 115V
 Rated Torque (ft.lbs): 0.7
 (N.m): 0.95
 Rated Speed (r/min): 1800
 Rated Current (A): 2.3
 Winding Insulation Class: B
 Shaft Size: Ø7.95
 Brush Life: 1000h
 Duty Cycle: S1