

Floor Care line | AC Motors



66 FRAME AC MOTOR APPLICATIONS

- PROFESSIONAL FLOOR CARE
- LOW SPEED SCRUBBERS
- 120 & 240 VAC, 50 OR 60 HZ
- 3 PLANET GEARBOXES
- ETL & CETL APPROVED

200YLJ001 (US)

Rated Power (HP): 1.5HP
(W): 1100
Rated Voltage (V): 120/240V
Frequency (Hz): 50/60Hz
Gear Ratio: 10:1
Rated Torque (ft.lbs): 4.43
(N.m): 6
Rated Speed (r/min): 174±10
Rated Current (A): <13.7/6.8
Winging Insulation Class: B
Protection Class: Open Frame
Duty Cycle: S1

200YLJ004A

Rated Power (HP): 2.0HP
(W): 1500
Rated Voltage (V): 230V
Frequency (Hz): 50Hz
Rated Torque (ft.lbs): 7.38
(N.m): 10
Rated Speed (r/min): 1430±10
Rated Current (A): 9.5
Winging Insulation Class: F
Protection Class: Open Frame
Duty Cycle: S1

200YLJ029

Rated Power (HP): 1.2HP
(W): 930
Rated Voltage (V): 230V
Frequency (Hz): 50Hz
Gear Ratio: 10:1
Rated Torque (ft.lbs): 6.6/2.2
(N.m): 6/3
Rated Speed (r/min): 144/290
Rated Current (A): 6/8
Winging Insulation Class: F
Protection Class: Open Frame
Duty Cycle: S1

200YLJ001L

Rated Power (HP): 1.5HP
(W): 1100
Rated Voltage (V): 240V
Frequency (Hz): 50Hz
Gear Ratio: 6.8:1
Rated Torque (ft.lbs): 11.016
(N.m): 48.96
Rated Speed (r/min): 212
Rated Current (A): <9
Winging Insulation Class: F
Protection Class: Open Frame
Motor RPM: 1440
Duty Cycle: S1

200YLJ035

Rated Power (HP): 2HP
(W): 1500
Rated Voltage (V): 240V
Frequency (Hz): 50Hz
Gear Ratio: 6.8:1
Rated Torque (ft.lbs): 7.65
(N.m): 34
Rated Speed (r/min): 426
Rated Current (A): <9
Winging Insulation Class: F
Protection Class: Open Frame
Motor RPM: 2900
Duty Cycle: S1

200YLJ029C

Rated Power (HP): 1.4/1.6
(W): 1055/1200
Rated Voltage (V): 230V
Frequency (Hz): 50Hz
Gear Ratio: 6.8:1
Rated Torque (ft.lbs): 1.57/0.9
(N.m): 7/4

Rated Speed (r/min): 212/426
Rated Current (A): <8/10
Winging Insulation Class: F
Protection Class: Open Frame
Motor RPM: 1440/2900
Duty Cycle: S1

SUPER DUTY



66 FRAME SUPER DUTY AC MOTOR APPLICATIONS

- SUPER DUTY PROFESSIONAL FLOOR CARE
- TOTAL ENCLOSED
- LOW SPEED SCRUBBERS
- 120 & 240 VAC, 50 OR 60 HZ
- 3 PLANET GEARBOXES
- ETL & CETL APPROVED

200YLJ003 (US)

Rated Power (HP): 1.5HP
(W): 1100
Rated Voltage (V): 120/240V
Frequency (Hz): 50/60Hz
Gear Ratio: 11:1
Rated Torque (ft.lbs): 4.43
(N.m): 6
Rated Speed (r/min): 174±10
Rated Current (A): <15/8.5
Winging Insulation Class: F
Housing: Enclosed Frame
Duty Cycle: S1

200YLJ020

Rated Power (HP): 2.5HP
(W): 1850
Rated Voltage (V): 230V
Frequency (Hz): 50Hz
Gear Ratio: 10:1
Rated Torque (ft.lbs): 8.5
(N.m): 11.7

Rated Speed (r/min): 145±10
Rated Current (A): 10.4
Winging Insulation Class: F
Housing: Enclosed Frame
Duty Cycle: S1

200YLJ021

Rated Power (HP): 3.0HP
(W): 2150
Rated Voltage (V): 230V
Frequency (Hz): 50Hz
Gear Ratio: 10:1
Rated Torque (ft.lbs): 11.07
(N.m): 15

Rated Speed (r/min): 143±10
Rated Current (A): 12.8
Winging Insulation Class: F
Housing: Enclosed Frame
Duty Cycle: S1



200 AC MOTOR APPLICATIONS

- PROFESSIONAL FLOOR CARE
- LOW SPEED SCRUBBERS
- 230 VAC
- HEAVY DUTY GEARBOXES

200YLJ009

Rated Power (HP): 1.2HP
(W): 1300
Rated Voltage (V): 230V
Frequency (Hz): 50Hz
Gear Ratio: 10:1
Rated Torque (ft.lbs): 4.43
(N.m): 6
Rated Speed (r/min): 143±10
Rated Current (A): <7
Winging Insulation Class: F
Housing: Open Frame
Duty Cycle: S1

200YLJ011

Rated Power (HP): 1.7HP
(W): 1800
Rated Voltage (V): 230V
Frequency (Hz): 50Hz
Gear Ratio: 10:1
Rated Torque (ft.lbs): 6.27
(N.m): 8.5
Rated Speed (r/min): 143±10
Rated Current (A): <9
Winging Insulation Class: F
Housing: Open Frame
Duty Cycle: S1

200YLJ011

Rated Power (HP): 1.7HP
(W): 1800
Rated Voltage (V): 230V
Frequency (Hz): 50Hz
Gear Ratio: 10:1
Rated Torque (ft.lbs): 6.27
(N.m): 8.5
Rated Speed (r/min): 143±10
Rated Current (A): <9
Winging Insulation Class: F
Housing: Open Frame
Duty Cycle: S1

200YLJ007

Rated Power (HP): 1.5HP
(W): 1800/1500
Rated Voltage (V): 230V
Frequency (Hz): 50Hz
Rated Torque (ft.lbs): 2.5/5.5
(N.m): 3.5/7.5

Rated Speed (r/min): 2930/1450
Rated Current (A): <9/<8
Winging Insulation Class: F
Housing: Open Frame
Duty Cycle: S1



200 HIGH & DUAL SPEED AC MOTOR APPLICATIONS

- POLISHER/SCRUBBER MOTORS
- 230VAC INPUT FLOOR MACHINES

200YL006

High Speed
Rated Power (HP): 2HP
(W): 1500
Rated Voltage (V): 230V
Frequency (Hz): 50Hz
Gear Ratio: 3.69
(N.m): 5
Rated Speed (r/min): 2920
Rated Current (A): <9
Winging Insulation Class: F
Housing: Open Frame
Duty Cycle: S1

200YL004A

High Speed
Rated Power (HP): 2HP
(W): 1500
Rated Voltage (V): 230V
Frequency (Hz): 50Hz
Rated Torque (ft.lbs): 7.38
(N.m): 10
Rated Speed (r/min): 1430
Rated Current (A): 9.5
Winging Insulation Class: F
Housing: Open Frame
Duty Cycle: S1

200YL004A

Rated Power (HP): 2HP
(W): 1500
Rated Voltage (V): 230V
Frequency (Hz): 50Hz
Rated Torque (ft.lbs): 7.38
(N.m): 10
Rated Speed (r/min): 1430
Rated Current (A): 9.5
Winging Insulation Class: F
Housing: Open Frame
Duty Cycle: S1

200YL007

Dual Speed
Rated Power (HP): 1.5HP
(W): 1800/1500
Rated Voltage (V): 230V
Frequency (Hz): 50Hz
Rated Torque (ft.lbs): 2.5/5.5
(N.m): 3.5/7.5

Rated Speed (r/min): 2930/1450
Rated Current (A): <9/<8
Winging Insulation Class: F
Housing: Open Frame
Duty Cycle: S1



SUPER DUTY AC MOTOR APPLICATIONS

- SUPER DUTY PROFESSIONAL FLOOR CARE
- TOTAL ENCLOSED
- LOW SPEED SCRUBBERS
- 120 & 240 VAC, 50 & 60 HZ
- 3 PLANET GEARBOXES

143YLJ004

Rated Power (HP): 1HP
(W): 746
Rated Voltage (V): 115/230V
Frequency (Hz): 50/60Hz
Gear Ratio: 11:1
Rated Torque (ft.lbs): 2.58
(N.m): 3.5
Rated Speed (r/min): 127/154
Rated Current (A): <8/<5
Winging Insulation Class: F
Housing: Enclosed Frame
Duty Cycle: S1

143YLJ001

Rated Power (HP): 3/4HP
(W): 500
Rated Voltage (V): 120V
Frequency (Hz): 60Hz
Gear Ratio: 11:1
Rated Torque (ft.lbs): 2.21
(N.m): 3
Rated Speed (r/min): 154
Rated Current (A): <7
Winging Insulation Class: F
Housing: Open Frame
Duty Cycle: S1



AC ORBITAL MOTOR

- SUPER DUTY PROFESSIONAL FLOOR CARE
- ORBITAL FLOOR MACHINE
- 120 & 240 VAC, 50 & 60 HZ

160YL001

Rated Power (HP): 1.5HP
(W): 1100
Rated Voltage (V): 110V
Frequency (Hz): 50/60Hz
Rated Torque (ft.lbs): 1.62/1.35
(N.m): 7.2/6
Rated Speed (r/min): 1440/1740
Rated Current (A): <16/15
Winging Insulation Class: F
Protection Class: Open Frame
Duty Cycle: S1

160YL002

Rated Power (HP): 1HP
(W): 750
Rated Voltage (V): 230V
Frequency (Hz): 50/60Hz
Rated Torque (ft.lbs): 1.08/0.9
(N.m): 4.8/4
Rated Speed (r/min): 1440/1760
Rated Current (A): 6.5/5
Winging Insulation Class: F
Protection Class: Open Frame
Duty Cycle: S1

160YC001

Rated Power (HP): 0.5HP
(W): 370
Rated Voltage (V): 230V
Frequency (Hz): 50/60Hz
Rated Torque (ft.lbs): 0.54/0.45
(N.m): 2.4/2
Rated Speed (r/min): 1450/1750
Rated Current (A): 6/4.8
Winging Insulation Class: F
Protection Class: Open Frame
Duty Cycle: S1

160YC002

Rated Power (HP): .5HP
(W): 370
Rated Voltage (V): 110V
Frequency (Hz): 50/60Hz
Rated Torque (ft.lbs): .56/.45
(N.m): 2.5/2
Rated Speed (r/min): 1450/1750
Rated Current (A): 12/10
Winging Insulation Class: F
Protection Class: Open Frame
Duty Cycle: S1

160YC003

Rated Power (HP): .5HP
(W): 370
Rated Voltage (V): 110V
Frequency (Hz): 60Hz
Rated Torque (ft.lbs): .45
(N.m): 2
Rated Speed (r/min): 1750
Rated Current (A): <12
Winging Insulation Class: F
Protection Class: Open Frame
Duty Cycle: S1



66 FRAME DC PERMANENT MAGNET MOTOR APPLICATIONS

- BRUSH DRIVE MOTORS FOR POLISHERS / SCRUBBER
- 120VAC AND 230VAC INPUT FLOOR MACHINES
- LOW PROFILE DESIGN
- ETL & CETL APPROVED

200ZYT001

Rated Power (W): 1100
Rated Voltage (V): 115V
Rated Torque (ft.lbs): 2.36
(N.m): 3.2
Rated Speed (r/min): 3200
Rated Current (A): 15
Winging Insulation Class: B
Brush Life: 1500h
Shaft Size: Ø19.01-Ø19.03
Duty Cycle: S1

200ZYT002

Rated Power (W): 580
Rated Voltage (V): 36V
Rated Torque (ft.lbs): 1.48
(N.m): 2
Rated Speed (r/min): 2800
Rated Current (A): 22.5
Winging Insulation Class: B
Brush Life: 1500h
Shaft Size: Ø14
Duty Cycle: S1

200ZYT009

Rated Power (W): 1100
Rated Voltage (V): 230V
Rated Torque (ft.lbs): 5.09
(N.m): 6.9
Rated Speed (r/min): 1500
Rated Current (A): 8
Winging Insulation Class: B
Brush Life: 800h
Shaft Size: Ø23
Duty Cycle: S1

200ZYT004

Rated Power (W): 1100
Rated Voltage (V): 115V
Rated Torque (ft.lbs): 2.36
(N.m): 3.2
Rated Speed (r/min): 3200
Rated Current (A): 15
Winging Insulation Class: B
Brush Life: 1500h
Shaft Size: Ø19.01-Ø19.03
Duty Cycle: S1

200ZYT010

Rated Power (W): 110
Rated Voltage (V): 115V
Rated Torque (ft.lbs): 3.84
(N.m): 5.2
Rated Speed (r/min): 2000
Rated Current (A): 20
Winging Insulation Class: B
Brush Life: 1500h
Shaft Size: Ø19.01-Ø19.05
Duty Cycle: S1

200ZYT011

Rated Power (W): 1100
Rated Voltage (V): 230V
Rated Torque (ft.lbs): 2.36
(N.m): 3.2
Rated Speed (r/min): 3200
Rated Current (A): 20
Winging Insulation Class: B
Brush Life: 1500h
Shaft Size: Ø15.85-Ø15.875
Duty Cycle: S1