

DATA SHEET

Single Phase Induction Motor - Squirrel Cage



Customer :

Product line : Motor Single-Phase

Product code : 11060535
Catalog # : 00718OS1CCD215T

Frame : 213/5T
Output : 7.5 HP (5.5 kW)
Poles : 4
Frequency : 60 Hz
Rated voltage : 208-230 V
Rated current : 33.8-32.2 A
L. R. Amperes : 267-254 A
LRC : 7.9x(Code J)
No load current : 7.80-12.2 A
Rated speed : 1760 rpm
Slip : 2.22 %
Rated torque : 22.4 ft.lb
Locked rotor torque : 220 %
Breakdown torque : 250 %
Insulation class : F
Service factor : 1.15
Moment of inertia (J) : 0.7475 sq.ft.lb

Locked rotor time : 10s (cold) 6s (hot)
Temperature rise : 80 K
Duty cycle : Cont.(S1)
Ambient temperature : -20°C to +40°C
Altitude : 1000 m.a.s.l.
Protection degree : IP21
Cooling method : IC01 - ODP
Mounting : F-1
Rotation¹ : CCW
Starting method : Direct On Line
Approx. weight³ : 121 lb

Output	25%	50%	75%	100%
Efficiency (%)	0.000	77.0	81.5	82.5
Power Factor	0.00	0.80	0.85	0.90

Foundation loads
Max. traction : 255 lb
Max. compression : 376 lb

	Drive end	Non drive end
Bearing type	6208 ZZ	6206 ZZ
Sealing	Without Bearing Seal	Without Bearing Seal
Lubrication interval	0 h	0 h
Lubricant amount	0 g	0 g
Lubricant type	Mobil Polyrex EM	

Notes

This revision replaces and cancel the previous one, which must be eliminated.

- (1) Looking the motor from the shaft end.
- (2) Measured at 1m and with tolerance of +3dB(A).
- (3) Approximate weight subject to changes after manufacturing process.
- (4) At 100% of full load.

These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.

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		Revision		

LOAD PERFORMANCE CURVE

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Customer :

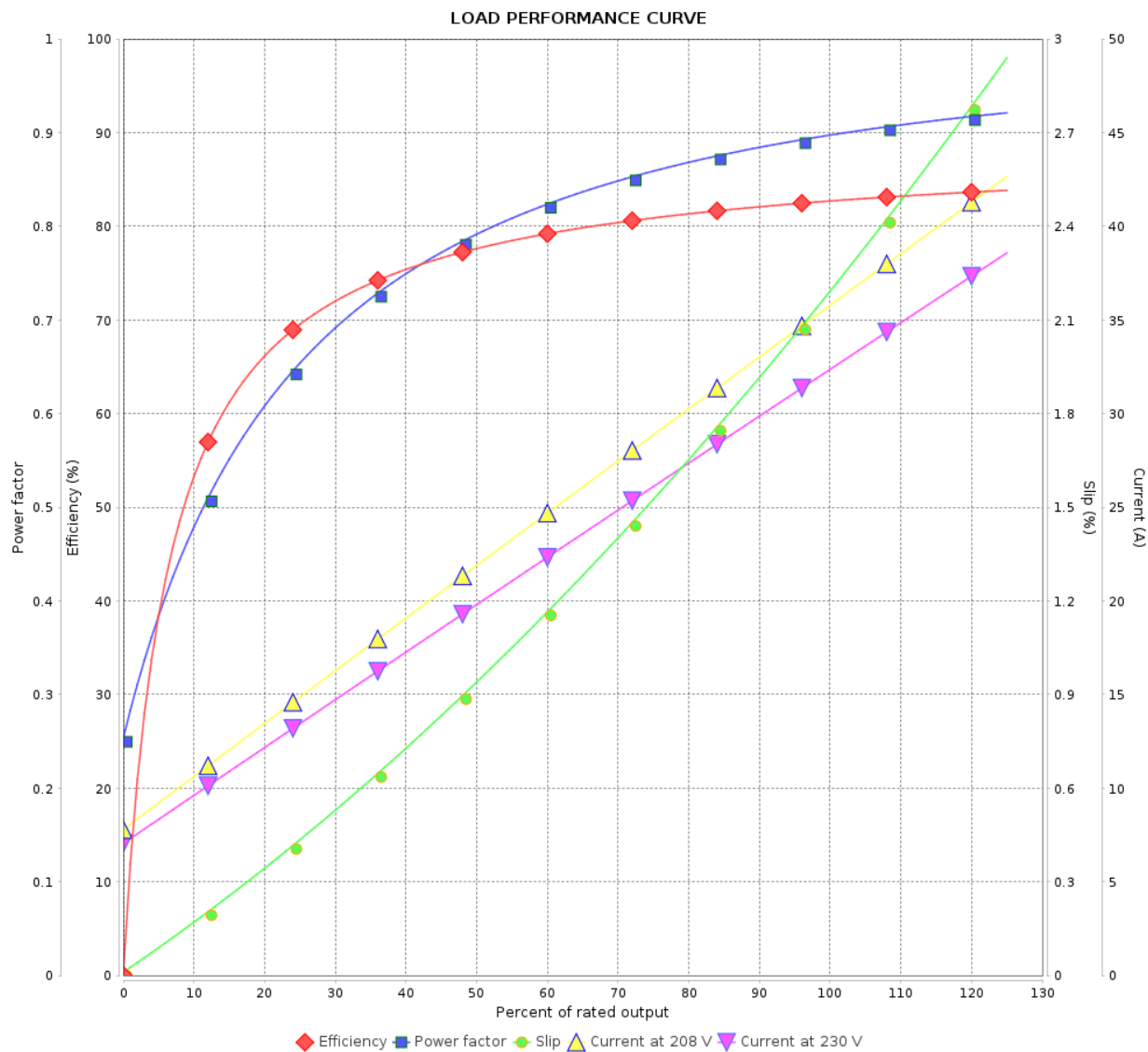
Product line : Motor Single-Phase

Product code :

11060535

Catalog # :

007180S1CCD215T



Performance : 208-230 V 60 Hz 4P

Rated current : 33.8-32.2 A
LRC : 7.9
Rated torque : 22.4 ft.lb
Locked rotor torque : 220 %
Breakdown torque : 250 %
Rated speed : 1760 rpm

Moment of inertia (J) : 0.7475 sq.ft.lb
Duty cycle : Cont.(S1)
Insulation class : F
Service factor : 1.15
Temperature rise : 80 K

Rev.	Changes Summary		Performed	Checked	Date
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Date	01/07/2026				