

DATA SHEET

Single Phase Induction Motor - Squirrel Cage



Customer :

Product line : Motor Single-Phase

Product code : 11412691
Catalog # : 01018OS1CCD215T

Frame : 215T
Output : 10 HP (7.5 kW)
Poles : 4
Frequency : 60 Hz
Rated voltage : 208-230 V
Rated current : 46.3-41.8 A
L. R. Amperes : 329-297 A
LRC : 7.1x(Code H)
No load current : 6.95-11.1 A
Rated speed : 1730 rpm
Slip : 3.89 %
Rated torque : 30.4 ft.lb
Locked rotor torque : 280 %
Breakdown torque : 210 %
Insulation class : F
Service factor : 1.15
Moment of inertia (J) : 1.15 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 : 161 lb

Output	25%	50%	75%	100%
Efficiency (%)	0.000	80.0	82.5	83.0
Power Factor	0.00	0.89	0.92	0.94

Foundation loads
Max. traction : 279 lb
Max. compression : 440 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
Model 01018OS1CCD215T

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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LOAD PERFORMANCE CURVE

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Customer :

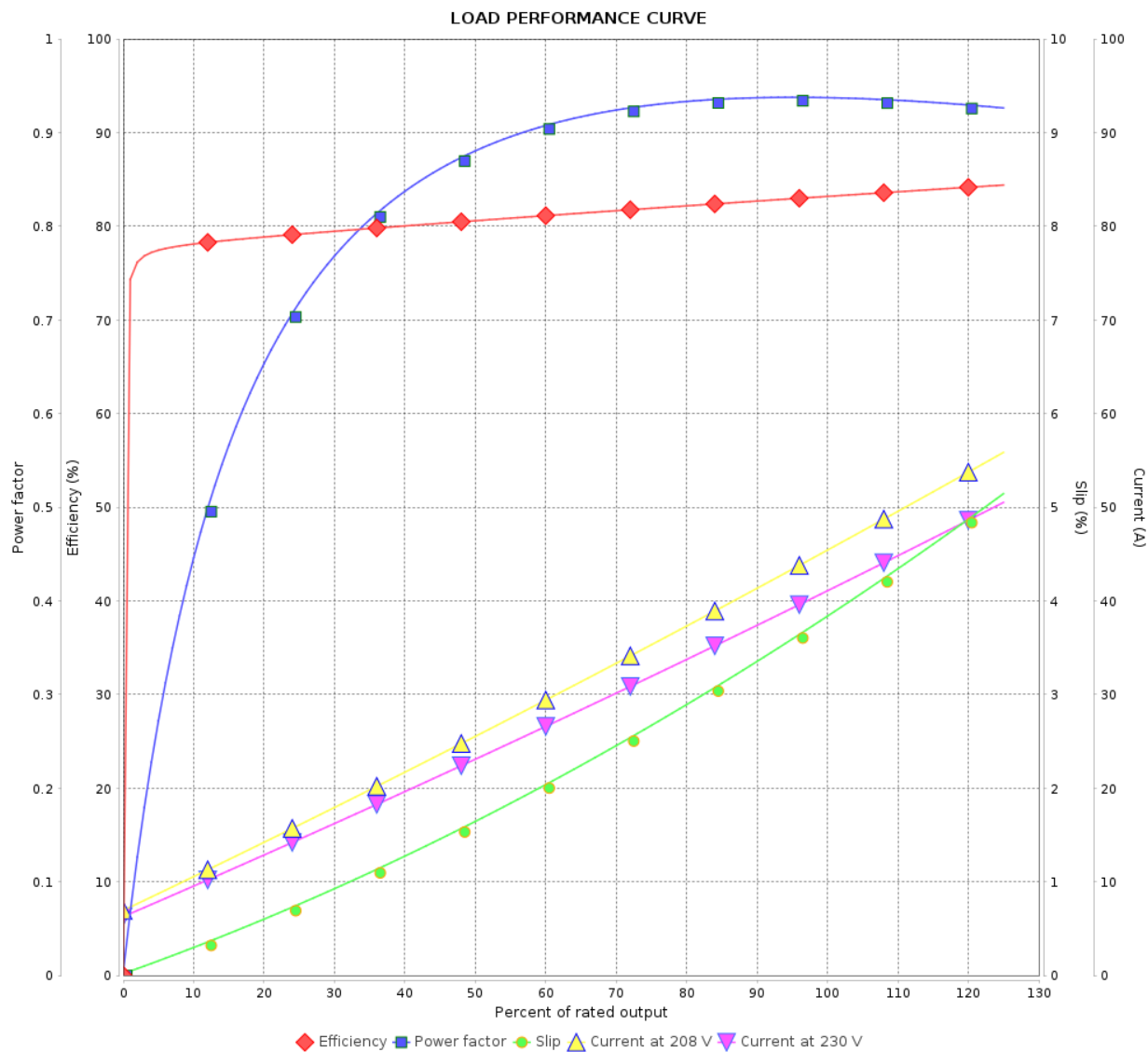
Product line : Motor Single-Phase

Product code :

11412691

Catalog # :

01018OS1CCD215T



Performance : 208-230 V 60 Hz 4P

Rated current : 46.3-41.8 A
LRC : 7.1
Rated torque : 30.4 ft.lb
Locked rotor torque : 280 %
Breakdown torque : 210 %
Rated speed : 1730 rpm

Moment of inertia (J) : 1.15 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				