



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

Customer :

TECHNICAL PROPOSAL

Single-phase induction motor - Squirrel cage rotor

Product line : Close Coupled Pump : Single-Phase - "JM" Type - TEFC - Standard Efficiency

Catalog Number : 00736ES1E213JM

List Price : \$1,641

Notes:

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DATA SHEET

Single-phase induction motor - Squirrel cage rotor

Customer :
Product line : Close Coupled Pump : Single-Phase - "JM" Type - TEFC - Standard Efficiency

Frame : 213JM
Output : 7.5 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3515 rpm
Slip : 2.36 %
Voltage : 208-230/460 V
Rated current : 33.4-29.8/14.9 A
Locked rotor current : 226/113 A
Locked rotor current (I_L/I_N) : 7.6
No-load current : 7.00/3.50 A
Full load torque : 11.1 lb.ft
Locked rotor torque : 180 %
Breakdown torque : 270 %
Design : ---
Insulation class : B
Temperature rise : 80 K
Locked rotor time : 6 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 143 lb
Moment of inertia : 0.48623 sq.ft.lb
Noise level : ---

	D.E.	N.D.E.
Bearings	6309 ZZ	6206 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.94	86.0
75%	0.93	85.0
50%	0.88	83.0

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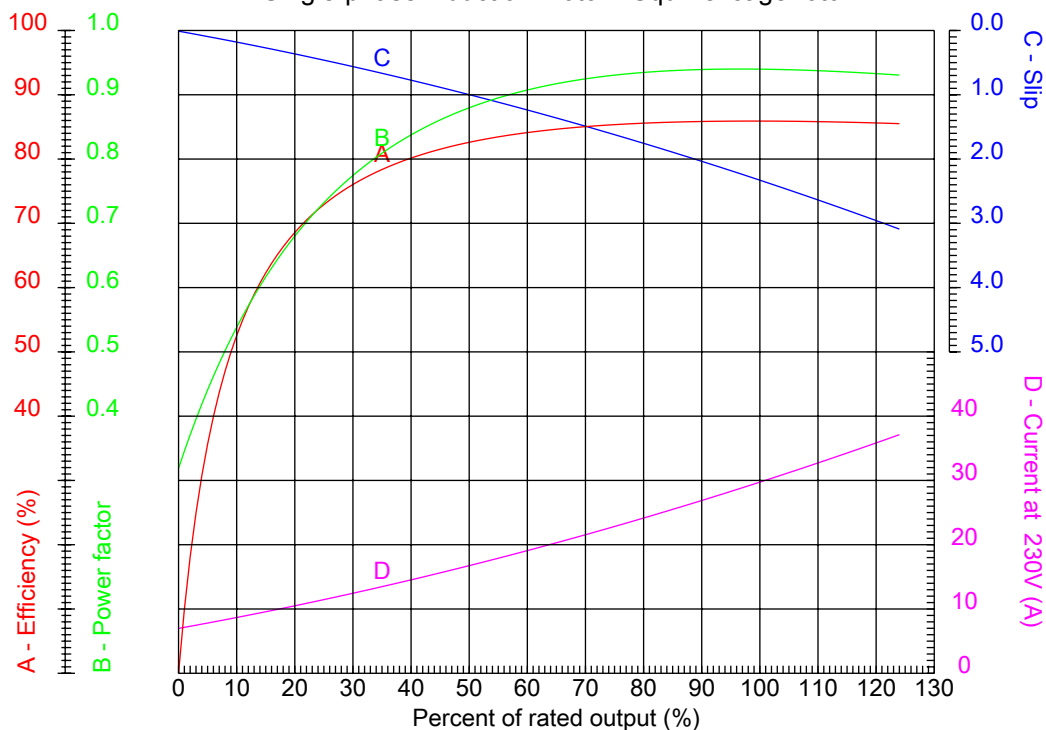
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PERFORMANCE CURVES RELATED TO RATED OUTPUT

Single-phase induction motor - Squirrel cage rotor



Customer :
Product line : Close Coupled Pump : Single-Phase - "JM" Type - TEFC - Standard Efficiency

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Output	: 7.5 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.15
Full load speed	: 3515 rpm	Design	: ---
Voltage	: 208-230/460 V	Locked rotor torque	: 180 %
Rated current	: 33.4-29.8/14.9 A	Breakdown torque	: 270 %
Insulation class	: B		

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