



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

Customer :

TECHNICAL PROPOSAL

Three-phase induction motor - Squirrel cage rotor

Product line : Three Phase: W01 (Rolled Steel) - TEFC - Standard Efficiency

Catalog Number : 00218ES3E56-S

List Price : \$392

Notes:

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Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three Phase: W01 (Rolled Steel) - TEFC - Standard Efficiency

Frame : 56H
 Output : 2 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1745 rpm
 Slip : 3.06 %
 Voltage : 208-230/460 V
 Rated current : 6.30-5.70/2.85 A
 Locked rotor current : 41.6/20.8 A
 Locked rotor current (I_L/I_n) : 7.3
 No-load current : 3.33/1.66 A
 Full load torque : 5.94 lb.ft
 Locked rotor torque : 240 %
 Breakdown torque : 270 %
 Design : A
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 8 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 36 lb
 Moment of inertia : 0.12316 sq.ft.lb
 Noise level : 52 dB(A)

	D.E.	N.D.E.
Bearings	6204 ZZ	6202 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.80	82.5
75%	0.72	81.5
50%	0.58	80.0

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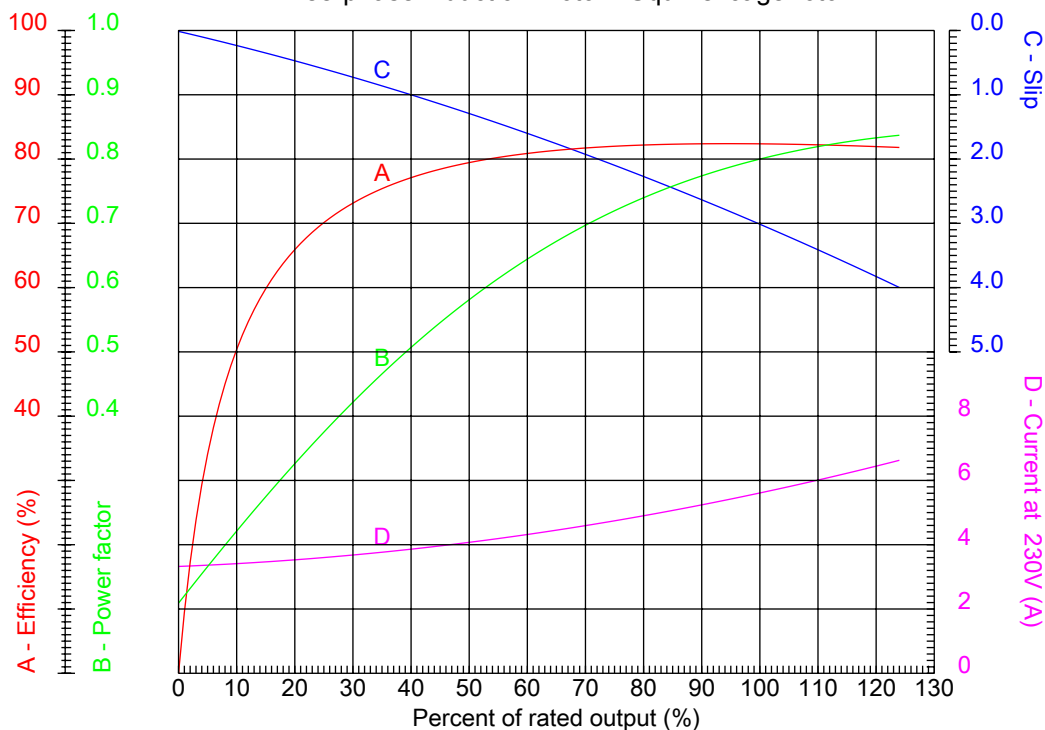
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PERFORMANCE CURVES RELATED TO RATED OUTPUT

Three-phase induction motor - Squirrel cage rotor



Customer :
Product line : Three Phase: W01 (Rolled Steel) - TEFC - Standard Efficiency

Frame	: 56H	Locked rotor current (I _L /I _n)	: 7.3
Output	: 2 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.15
Full load speed	: 1745 rpm	Design	: A
Voltage	: 208-230/460 V	Locked rotor torque	: 240 %
Rated current	: 6.30-5.70/2.85 A	Breakdown torque	: 270 %
Insulation class	: F		

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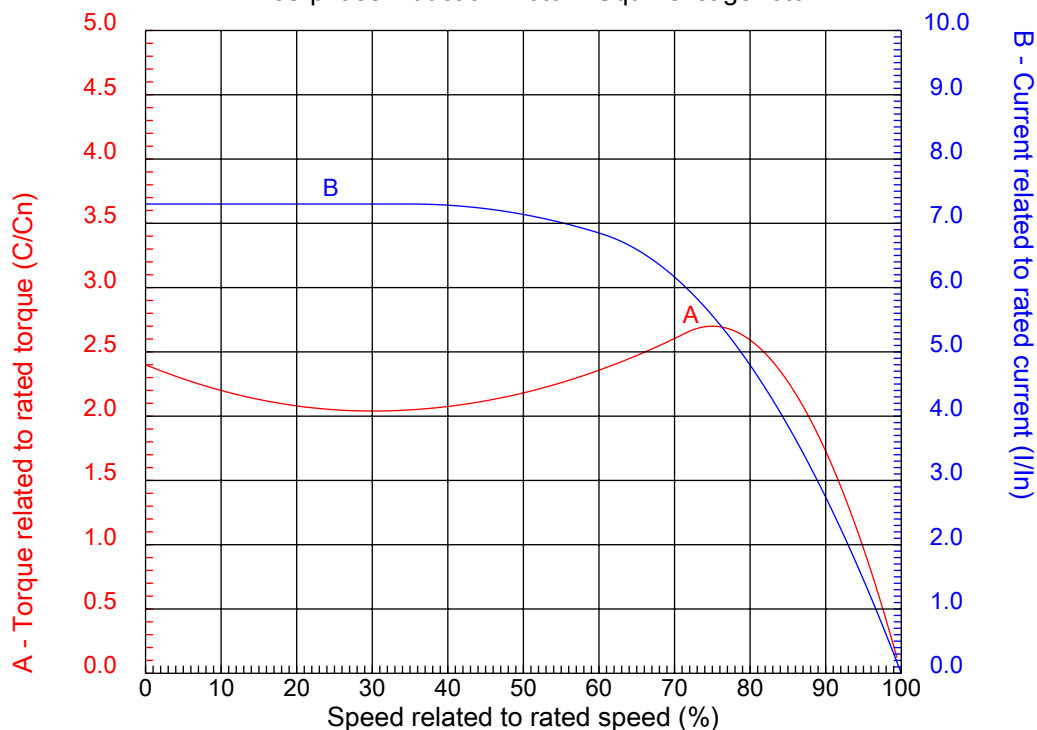
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CHARACTERISTIC CURVES RELATED TO SPEED

Three-phase induction motor - Squirrel cage rotor



Customer :
Product line : Three Phase: W01 (Rolled Steel) - TEFC - Standard Efficiency

Frame	: 56H	Locked rotor current (I _l /I _n)	: 7.3
Output	: 2 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.15
Full load speed	: 1745 rpm	Design	: A
Voltage	: 208-230/460 V	Locked rotor torque	: 240 %
Rated current	: 6.30-5.70/2.85 A	Breakdown torque	: 270 %
Insulation class	: F		

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