



Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

Customer :

TECHNICAL PROPOSAL

Three-phase induction motor - Squirrel cage rotor

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

Catalog Number : 01036ET3H215TC-S

List Price : \$1,205

Notes:

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DATA SHEET

Three-phase induction motor - Squirrel cage rotor

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

Frame : 213/5T
 Output : 10 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3530 rpm
 Slip : 1.94 %
 Voltage : 575 V
 Rated current : 9.20 A
 Locked rotor current : 69.0 A
 Locked rotor current (I_L/I_n) : 7.5
 No-load current : 3.01 A
 Full load torque : 14.7 lb.ft
 Locked rotor torque : 260 %
 Breakdown torque : 300 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 12 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 161 lb
 Moment of inertia : 0.71878 sq.ft.lb
 Noise level : 70 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6208 ZZ	6206 ZZ	100%	0.91	90.2
Regreasing interval	---	---	75%	0.88	90.2
Grease amount	---	---	50%	0.80	89.5

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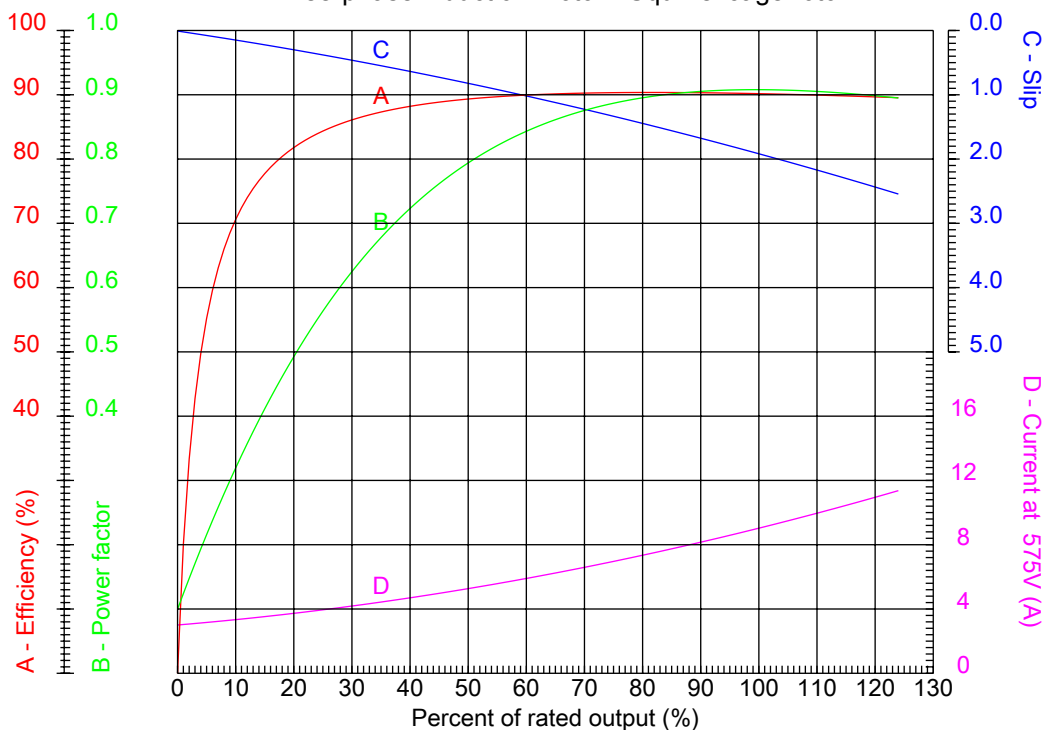
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PERFORMANCE CURVES RELATED TO RATED OUTPUT

Three-phase induction motor - Squirrel cage rotor



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

Frame : 213/5T	Locked rotor current (I _L /I _n) : 7.5
Output : 10 HP	Duty cycle : S1
Frequency : 60 Hz	Service factor : 1.15
Full load speed : 3530 rpm	Design : B
Voltage : 575 V	Locked rotor torque : 260 %
Rated current : 9.20 A	Breakdown torque : 300 %
Insulation class : F	

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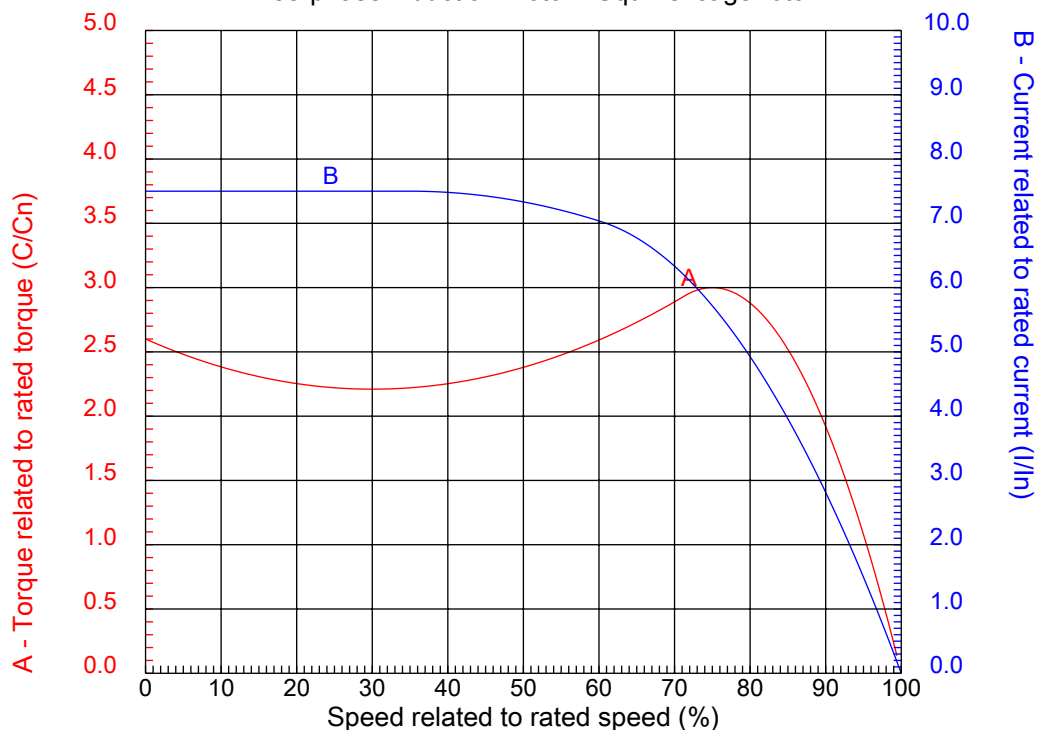
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CHARACTERISTIC CURVES RELATED TO SPEED

Three-phase induction motor - Squirrel cage rotor



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

Frame	: 213/5T	Locked rotor current (I _l /I _n)	: 7.5
Output	: 10 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.15
Full load speed	: 3530 rpm	Design	: B
Voltage	: 575 V	Locked rotor torque	: 260 %
Rated current	: 9.20 A	Breakdown torque	: 300 %
Insulation class	: F		

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1 2 3 4 5 6 7 8

A

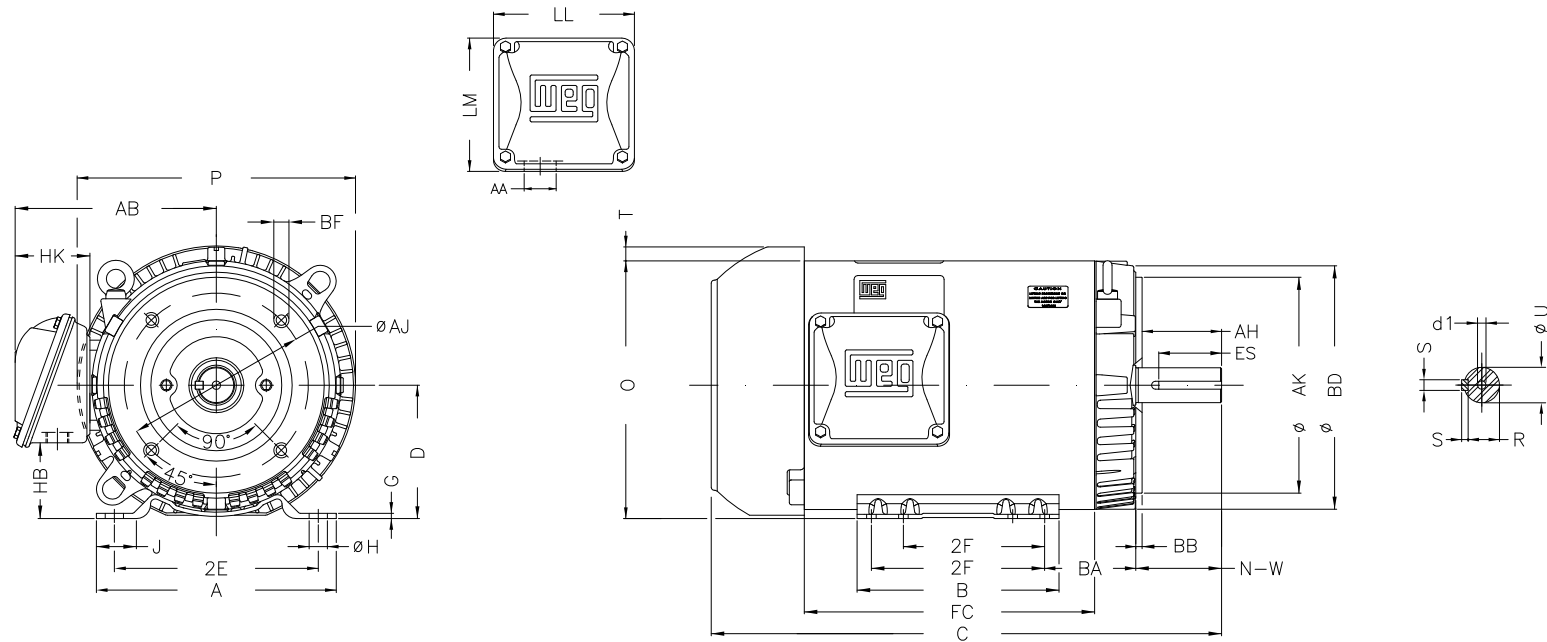
B

C

D

E

F



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P	AB	J	2E	A
10.965	7.973	1.575	8.500	9.449
H	G	HB	HK	T
0.406	0.167	2.982	3.022	0.761
O	FC	2F	B	C
10.144	12.992	5.500/7.000	7.953	21.654
BA	N-W	ES	d1	S
4.250	3.380	2.480	A 4	0.313
U	AA	depth	R	LL
1.375	1.377"	0.313	1.203	5.551
LM	D	CH	Flange	AJ
5.250	5.250	1.929	FC-184	7.250
AK	BD	BF	BB	AH
8.500	9.401	UNC 1/2"x13	0.250	3.129

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Customer:

Three Phase: W01 (Rolled Steel) - TEFC - NEMA Premium Efficiency

Three-phase induction motor
Frame 213/5T - IP55

13-SEP-2016



1 2 3 4 5 6 7 8

A

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Three Phase: W01 (Rolled Steel) - TEFC - NEMA Premium Efficiency

Three-phase induction motor
Frame 213/5T - IP55

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