



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

Customer :

TECHNICAL PROPOSAL

Three-phase induction motor - Squirrel cage rotor

Product line : Close Coupled Pump: Three-Phase - W01 (Rolled Steel) "JP" Type - ODP - High Efficiency  
Catalog Number : 01536OP3V215JP-S  
List Price : \$1,447

Notes:  
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Generated for Model #01536OP3V215JP-S

Performed by:

Checked:



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No.:

Date: 23-SEP-2016

## DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :  
 Product line : Close Coupled Pump: Three-Phase - W01 (Rolled Steel) "JP" Type - ODP - High Efficiency

Frame : 213/5JP  
 Output : 15 HP  
 Frequency : 60 Hz  
 Poles : 2  
 Full load speed : 3525 rpm  
 Slip : 2.08 %  
 Voltage : 200/400 V  
 Rated current : 40.3/20.1 A  
 Locked rotor current : 262/131 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.5  
 No-load current : 16.9/8.46 A  
 Full load torque : 22.0 lb.ft  
 Locked rotor torque : 190 %  
 Breakdown torque : 260 %  
 Design : B  
 Insulation class : F  
 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 : ODP  
 Approximate weight : 117 lb  
 Moment of inertia : 0.46511 sq.ft.lb  
 Noise level : 66 dB(A)

	D.E.	N.D.E.
Bearings	6209 ZZ	6206 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.88	89.5
75%	0.83	89.5
50%	0.73	88.5

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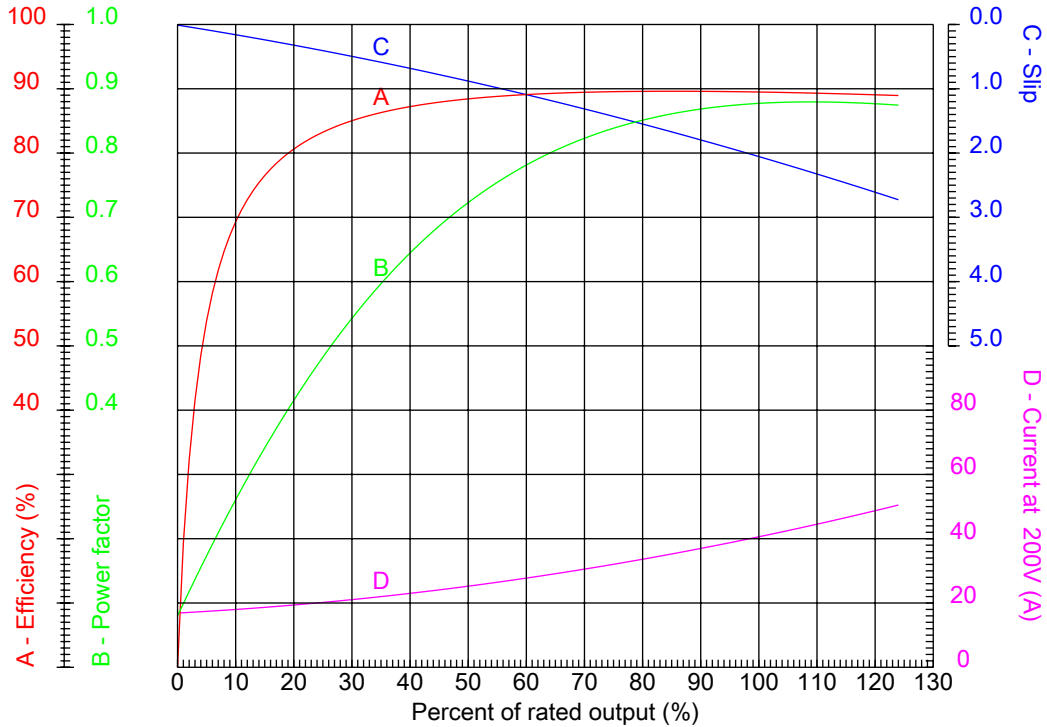
# Dealers Industrial Equipment

No.:

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## PERFORMANCE CURVES RELATED TO RATED OUTPUT

Three-phase induction motor - Squirrel cage rotor



Customer :  
 Product line : Close Coupled Pump: Three-Phase - W01 (Rolled Steel) "JP" Type - ODP - High Efficiency

Frame	: 213/5JP	Locked rotor current (I <sub>l</sub> /I <sub>n</sub> )	: 6.5
Output	: 15 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.15
Full load speed	: 3525 rpm	Design	: B
Voltage	: 200/400 V	Locked rotor torque	: 190 %
Rated current	: 40.3/20.1 A	Breakdown torque	: 260 %
Insulation class	: F		

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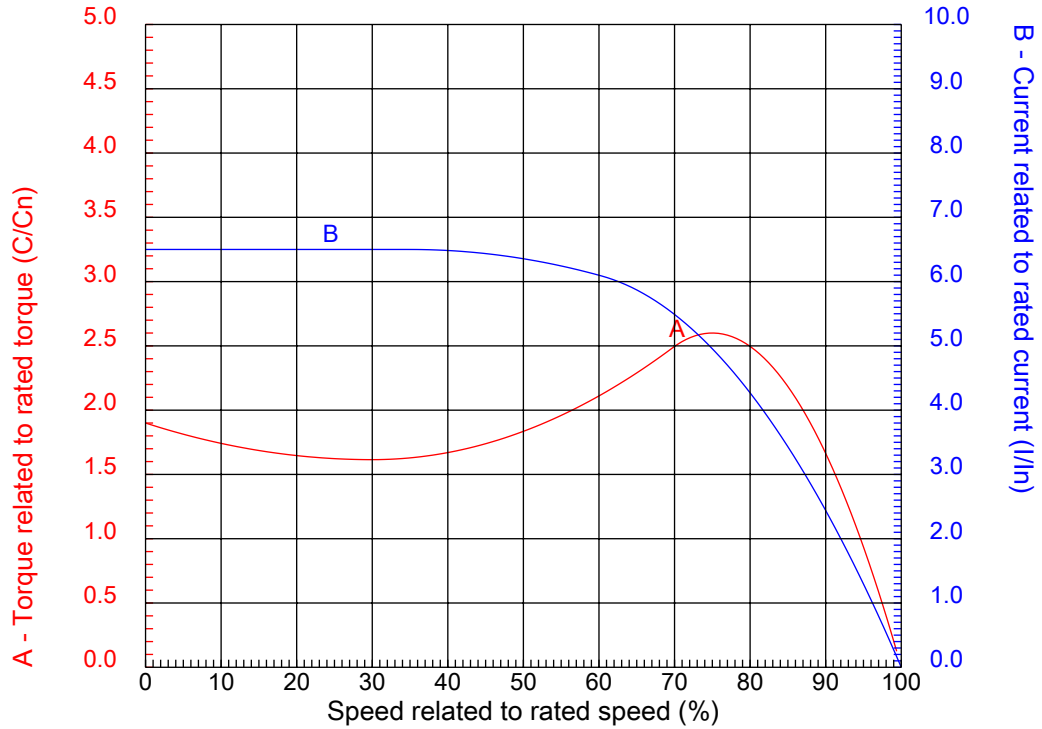
# Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

## CHARACTERISTIC CURVES RELATED TO SPEED

Three-phase induction motor - Squirrel cage rotor



Customer	:	
Product line	:	Close Coupled Pump: Three-Phase - W01 (Rolled Steel) "JP" Type - ODP - High Efficiency

Frame	:	213/5JP	Locked rotor current (I <sub>l</sub> /I <sub>n</sub> )	:	6.5
Output	:	15 HP	Duty cycle	:	S1
Frequency	:	60 Hz	Service factor	:	1.15
Full load speed	:	3525 rpm	Design	:	B
Voltage	:	200/400 V	Locked rotor torque	:	190 %
Rated current	:	40.3/20.1 A	Breakdown torque	:	260 %
Insulation class	:	F			

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Performed by

Checked

1 2 3 4 5 6 7 8

A

B

C

D

E

F



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2E 8.500	J 1.575	A 9.449	P 9.846	AB 7.973
2F 5.500/7.000	B 7.953	BA 4.250	D 5.250	G 0.167
O 10.144	T 0.029	H 0.406	AA 1.377"	ER 8.149
EQ 2.374	ET 5.886	U 1.250	EM 1.375	EL 1.750
EP 1.769	ES 2.560	t1 0.984	t2 1.496	C 21.969
CH 1.929	FC 10.630	Flange FC-184	AJ 7.250	AK 8.500
BD 9.401	BF UNC 1/2"x13	BB 0.250	AH 8.130	

Performed by:	Close Coupled Pump: Three-Phase - W01 (Rolled Steel) "JP" Type - ODP - High  Three-phase induction motor Frame 213/5JP - ODP	23-SEP-2016	
Checked:			
Customer:			

1 2 3 4 5 6 7 8

A  
B  
C  
D  
E  
F

LOW VOLTAGE

HIGH VOLTAGE



CONNECTIONS FOR STARTING ONLY:

LOW VOLTAGE

HIGH VOLTAGE



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Performed by:

Checked:

Customer:

Close Coupled Pump: Three-Phase - W01 (Rolled Steel) "JP" Type - ODP - High

Three-phase induction motor  
Frame 213/5JP - IP21

23-SEP-2016

