



# Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

Customer :

## TECHNICAL PROPOSAL

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

Product line : Close Coupled Pump: Three-Phase - W01 (Rolled Steel) "JP" Type - TEFC -  
NEMA Premium Efficiency

Catalog Number : 01018ET3E215JP-S

List Price : \$1,823

#### Notes:

Downloaded from <http://dealerselectric.com>

Generated for Model #01018ET3E215JP-S

Performed by:

Checked:



# Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

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

Customer :  
 Product line : Close Coupled Pump: Three-Phase - W01 (Rolled Steel) "JP" Type - TEFC - NEMA Premium Efficiency

Frame : 213/5JP  
 Output : 10 HP  
 Frequency : 60 Hz  
 Poles : 4  
 Full load speed : 1760 rpm  
 Slip : 2.22 %  
 Voltage : 208-230/460 V  
 Rated current : 27.0-24.4/12.2 A  
 Locked rotor current : 171/85.4 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 7.0  
 No-load current : 11.1/5.54 A  
 Full load torque : 29.4 lb.ft  
 Locked rotor torque : 250 %  
 Breakdown torque : 300 %  
 Design : B  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 15 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 130 lb  
 Moment of inertia : 1.0690 sq.ft.lb  
 Noise level : 60 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6209 ZZ	6206 ZZ	100%	0.84	91.7
Regreasing interval	---	---	75%	0.78	91.0
Grease amount	---	---	50%	0.67	91.0

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #01018ET3E215JP-S

Performed by

Checked



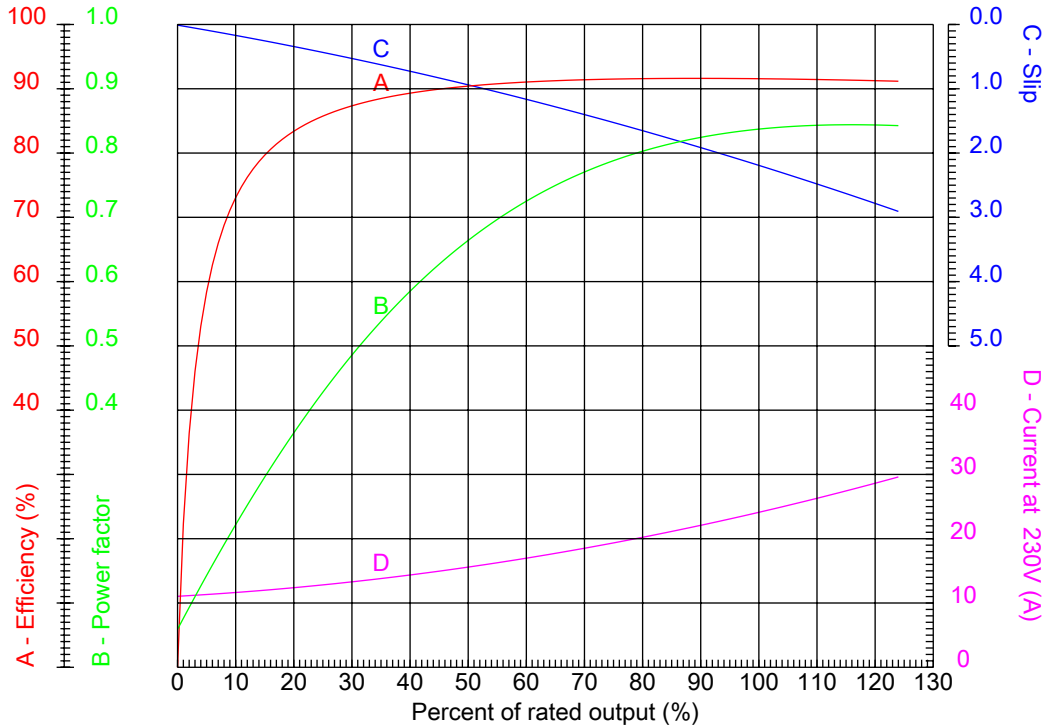
# Dealers Industrial Equipment

No.:

Date: 13-SEP-2016

## 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 - TEFC - NEMA Premium Efficiency

Frame	: 213/5JP	Locked rotor current (I <sub>l</sub> /I <sub>n</sub> )	: 7.0
Output	: 10 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.15
Full load speed	: 1760 rpm	Design	: B
Voltage	: 208-230/460 V	Locked rotor torque	: 250 %
Rated current	: 27.0-24.4/12.2 A	Breakdown torque	: 300 %
Insulation class	: F		

Notes:  
 Downloaded from <http://dealerselectric.com>  
 Generated for Model #01018ET3E215JP-S

Performed by

Checked



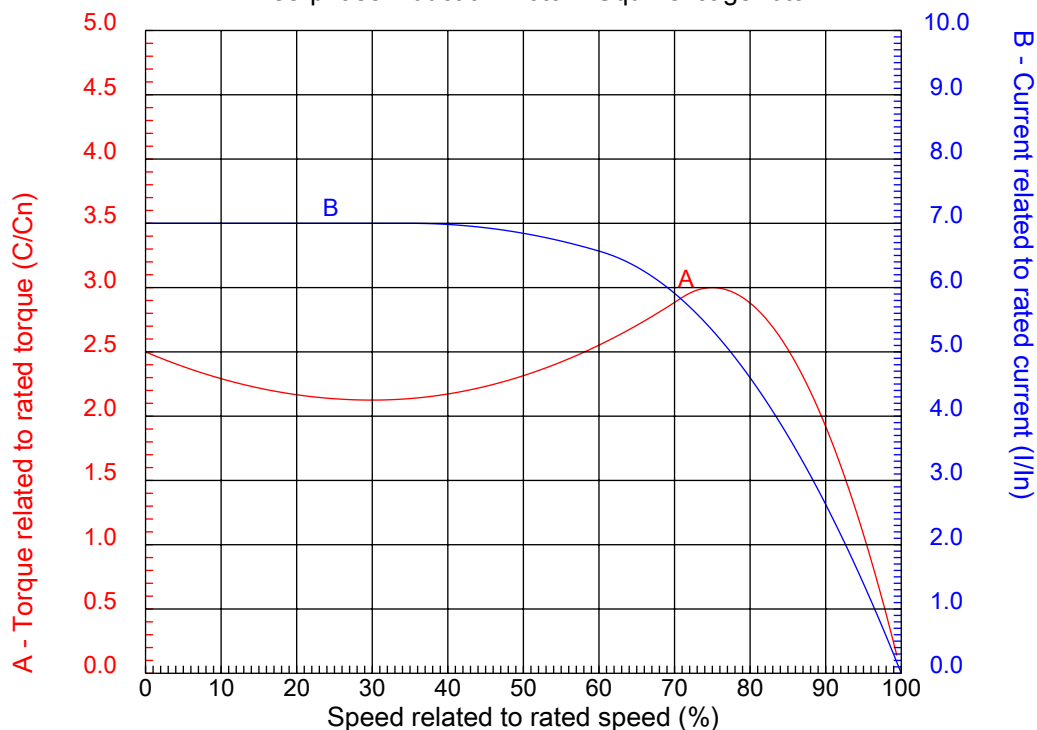
# Dealers Industrial Equipment

No.:

Date: 13-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 - TEFC - NEMA Premium Efficiency

Frame	: 213/5JP	Locked rotor current (I <sub>l</sub> /I <sub>n</sub> )	: 7.0
Output	: 10 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.15
Full load speed	: 1760 rpm	Design	: B
Voltage	: 208-230/460 V	Locked rotor torque	: 250 %
Rated current	: 27.0-24.4/12.2 A	Breakdown torque	: 300 %
Insulation class	: F		

Notes:  
Downloaded from <http://dealerselectric.com>  
Generated for Model #01018ET3E215JP-S

Performed by

Checked

1 2 3 4 5 6 7 8

A

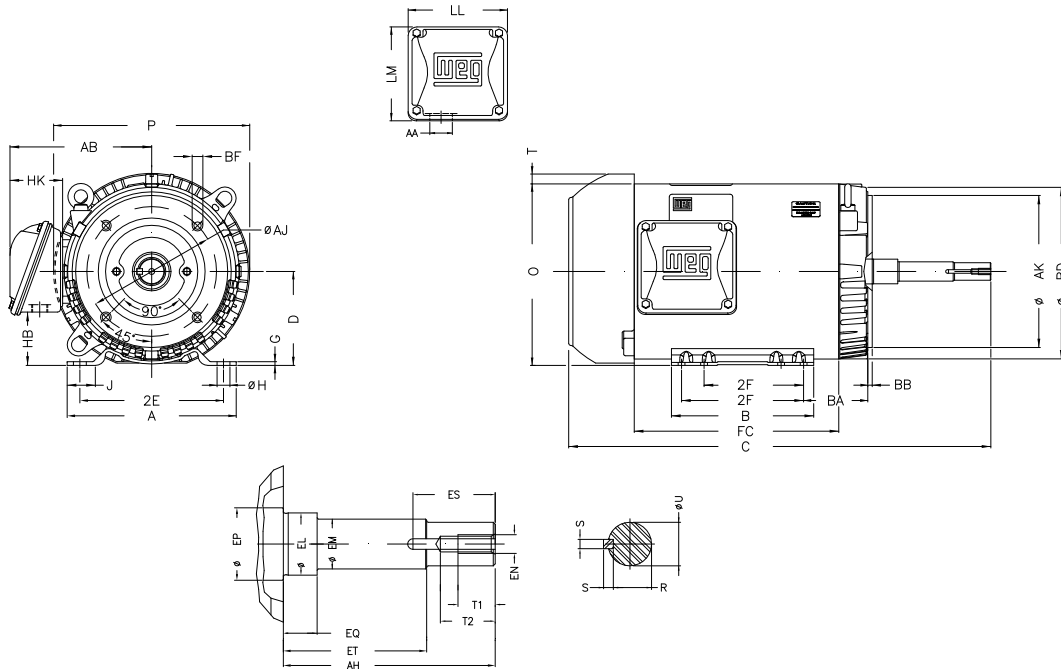
B

C

D

E

F



Notes: Downloaded from <http://dealerselectric.com>  
Generated for Model #01018ET3E215JP-S

2E 8.500	J 1.575	A 9.449	P 10.965	AB 7.973
2F 5.500/7.000	B 7.953	BA 4.250	D 5.250	G 0.167
O 10.144	T 0.761	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 24.291
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:


Checked:

Customer:

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

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

13-SEP-2016

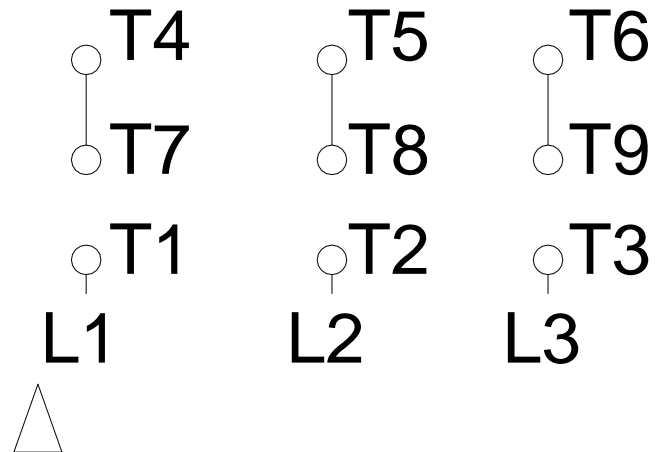


1 2 3 4 5 6 7 8

# LOW VOLTAGE

# HIGH VOLTAGE

A  
B  
C  
D  
E  
F



Notes: Downloaded from <http://dealerselectric.com>  
 Generated for Model #01018ET3E215JP-S

Performed by:

Checked:

Customer:

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

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

13-SEP-2016

