



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 - ODP -  
NEMA Premium Efficiency  
Catalog Number : 00718OT3H213JP-S  
List Price : \$1,120

Notes:  
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Generated for Model #00718OT3H213JP-S

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## DATA SHEET

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

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

Frame : 213/5JP  
 Output : 7.5 HP  
 Frequency : 60 Hz  
 Poles : 4  
 Full load speed : 1770 rpm  
 Slip : 1.67 %  
 Voltage : 575 V  
 Rated current : 7.40 A  
 Locked rotor current : 54.0 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 7.3  
 No-load current : 3.51 A  
 Full load torque : 22.0 lb.ft  
 Locked rotor torque : 240 %  
 Breakdown torque : 320 %  
 Design : B  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 13 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : ODP  
 Approximate weight : 116 lb  
 Moment of inertia : 1.0273 sq.ft.lb  
 Noise level : 59 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6209 ZZ	6206 ZZ	100%	0.82	91.0
Regreasing interval	---	---	75%	0.77	90.2
Grease amount	---	---	50%	0.65	89.5

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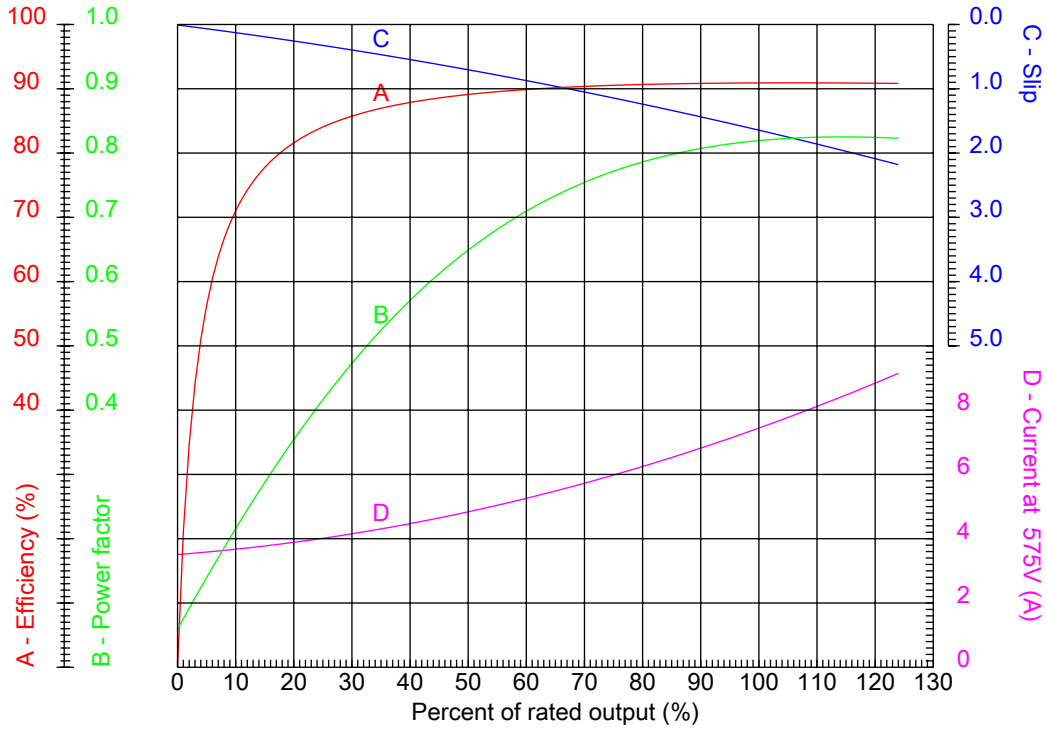
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## PERFORMANCE CURVES RELATED TO RATED OUTPUT

Three-phase induction motor - Squirrel cage rotor



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

Frame	: 213/5JP	Locked rotor current (I <sub>L</sub> /I <sub>n</sub> )	: 7.3
Output	: 7.5 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.15
Full load speed	: 1770 rpm	Design	: B
Voltage	: 575 V	Locked rotor torque	: 240 %
Rated current	: 7.40 A	Breakdown torque	: 320 %
Insulation class	: F		

Notes:  
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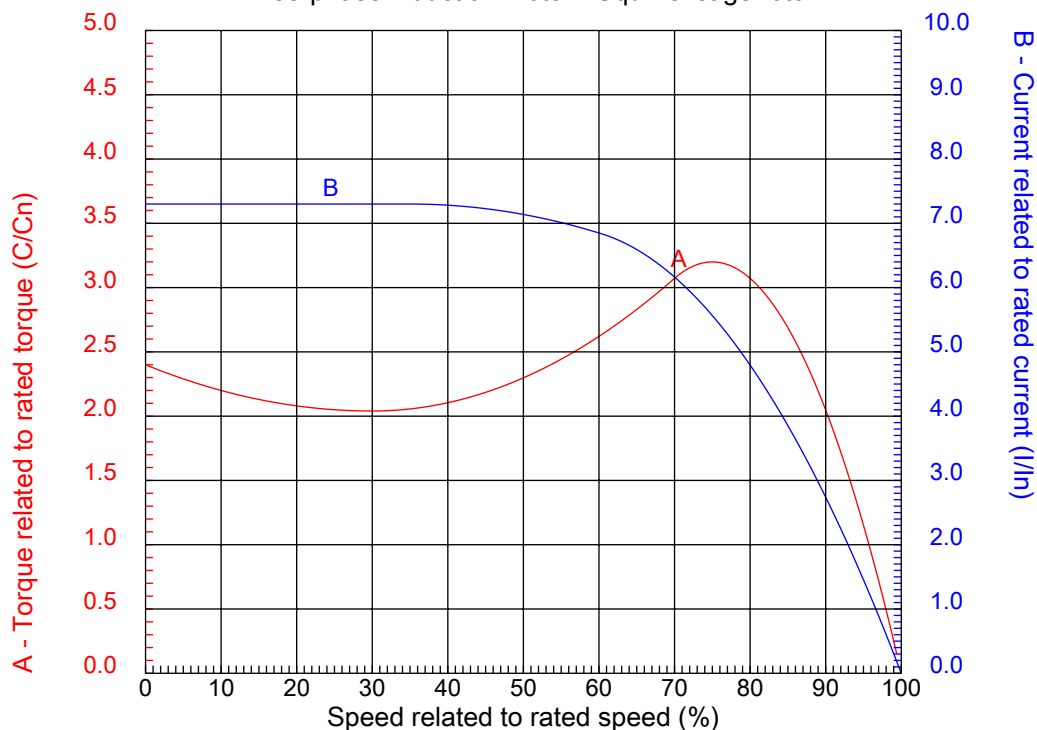
# Dealers Industrial Equipment

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 - ODP - NEMA Premium Efficiency

Frame	: 213/5JP	Locked rotor current (I <sub>l</sub> /I <sub>n</sub> )	: 7.3
Output	: 7.5 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.15
Full load speed	: 1770 rpm	Design	: B
Voltage	: 575 V	Locked rotor torque	: 240 %
Rated current	: 7.40 A	Breakdown torque	: 320 %
Insulation class	: F		

Notes:  
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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 21.575
CH 1.929	FC 10.236	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:	
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Customer:	
Close Coupled Pump: Three-Phase - W01 (Rolled Steel) "JP" Type - ODP -	
Three-phase induction motor Frame 213/5JP - ODP	13-SEP-2016



1 2 3 4 5 6 7 8

A

B

C

D

E

F



Notes: Downloaded from <http://dealerselectric.com>  
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Customer:

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

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

13-SEP-2016

