



# Dealers Industrial Equipment

No.:

Date: 27-SEP-2016

Customer :

## TECHNICAL PROPOSAL

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

Product line : Close Coupled Pump: Three-Phase - W22 "JP" Type - TEFC - High Efficiency

Catalog Number : 06036EP3E364JP-W22

List Price : \$>(discontinued)</span>

#### Notes:

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# Dealers Industrial Equipment

No.:

Date: 27-SEP-2016

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

Customer :  
 Product line : Close Coupled Pump: Three-Phase - W22 "JP" Type - TEFC - High Efficiency

Frame : 364/5JP  
 Output : 60 HP  
 Frequency : 60 Hz  
 Poles : 2  
 Full load speed : 3550 rpm  
 Slip : 1.39 %  
 Voltage : 230/460 V  
 Rated current : 135/67.5 A  
 Locked rotor current : 851/425 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.3  
 No-load current : 36.0/18.0 A  
 Full load torque : 87.6 lb.ft  
 Locked rotor torque : 200 %  
 Breakdown torque : 240 %  
 Design : B  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 15 s (hot)  
 Service factor : 1.25  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 807 lb  
 Moment of inertia : 8.5134 sq.ft.lb  
 Noise level : 80 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6314 C3	6314 C3	100%	0.90	93.0
Regreasing interval	4000 h	4000 h	75%	0.89	93.0
Grease amount	27 g	27 g	50%	0.84	91.7

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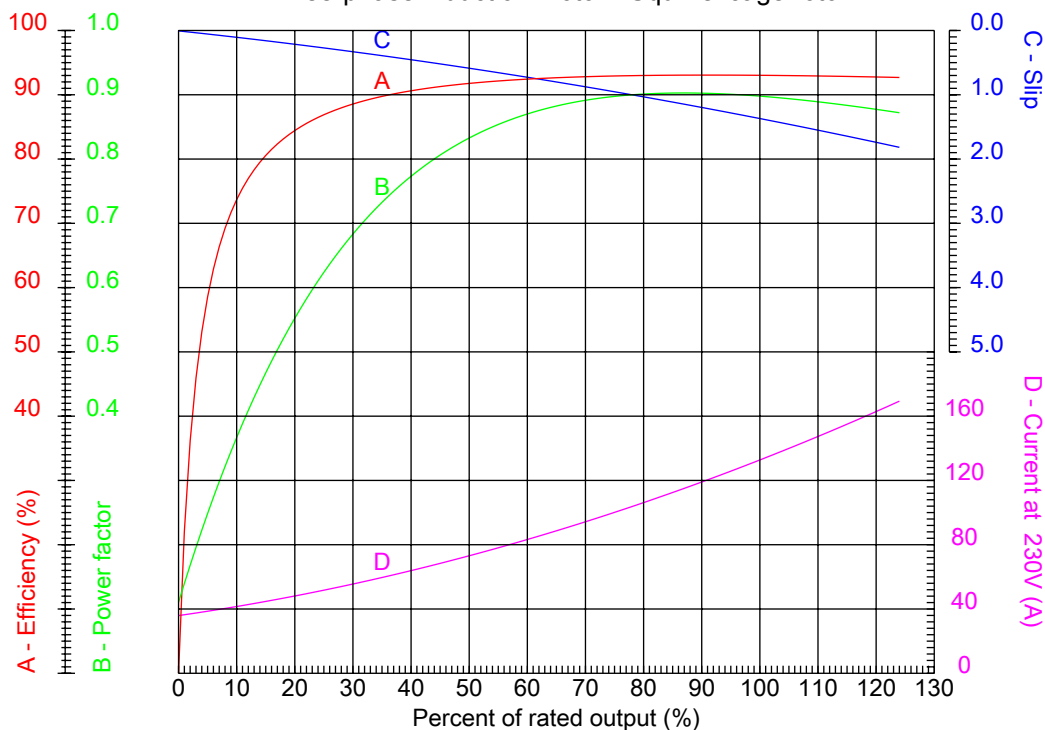
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## PERFORMANCE CURVES RELATED TO RATED OUTPUT

Three-phase induction motor - Squirrel cage rotor



Customer :  
Product line : Close Coupled Pump: Three-Phase - W22 "JP" Type - TEFC - High Efficiency

Frame	: 364/5JP	Locked rotor current (I <sub>l</sub> /I <sub>n</sub> )	: 6.3
Output	: 60 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.25
Full load speed	: 3550 rpm	Design	: B
Voltage	: 230/460 V	Locked rotor torque	: 200 %
Rated current	: 135/67.5 A	Breakdown torque	: 240 %
Insulation class	: F		

Notes:  
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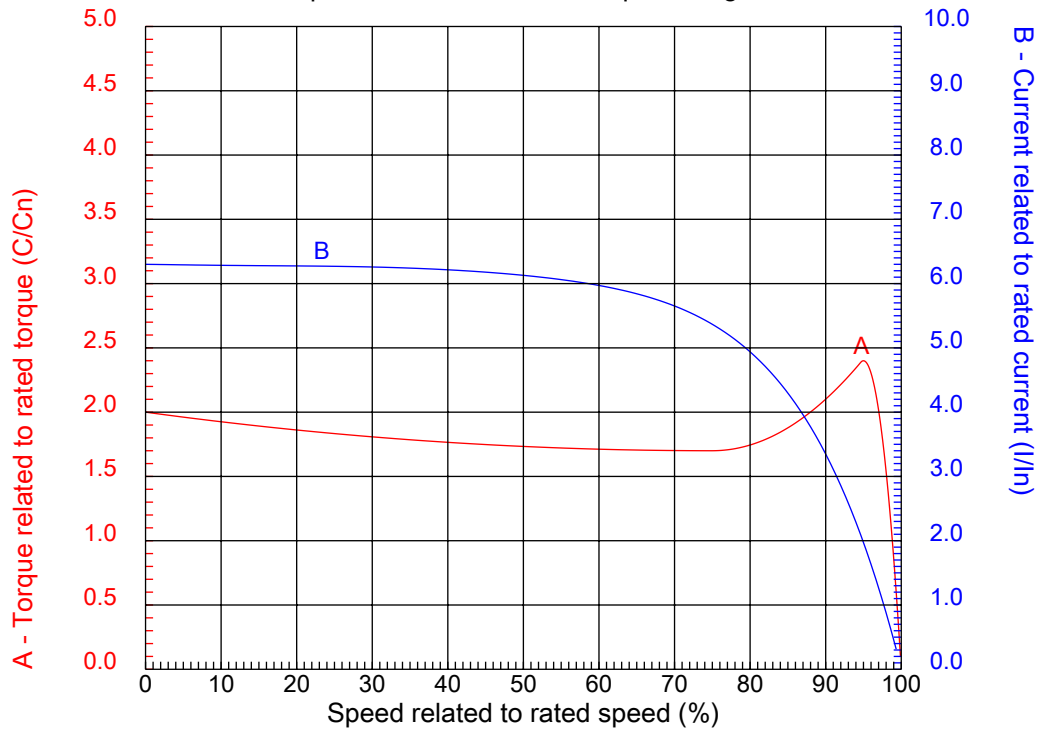
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## CHARACTERISTIC CURVES RELATED TO SPEED

Three-phase induction motor - Squirrel cage rotor



Customer :  
Product line : Close Coupled Pump: Three-Phase - W22 "JP" Type - TEFC - High Efficiency

Frame	: 364/5JP	Locked rotor current (I <sub>l</sub> /I <sub>n</sub> )	: 6.3
Output	: 60 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.25
Full load speed	: 3550 rpm	Design	: B
Voltage	: 230/460 V	Locked rotor torque	: 200 %
Rated current	: 135/67.5 A	Breakdown torque	: 240 %
Insulation class	: F		

Notes:  
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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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Customer:

Close Coupled Pump: Three-Phase - W22 "JP" Type - TEFC - High Efficiency

Three-phase induction motor  
Frame 364/5JP - IP55

27-SEP-2016

