



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 "JM" Type - TEFC - High Efficiency

Catalog Number : 06018EP3E364JM-W22

List Price : \$>(discontinued)

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 "JM" Type - TEFC - High Efficiency

Frame : 364/5JM
 Output : 60 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1770 rpm
 Slip : 1.67 %
 Voltage : 230/460 V
 Rated current : 139/69.4 A
 Locked rotor current : 874/437 A
 Locked rotor current (I_L/I_n) : 6.3
 No-load current : 42.0/21.0 A
 Full load torque : 176 lb.ft
 Locked rotor torque : 200 %
 Breakdown torque : 230 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 12 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 800 lb
 Moment of inertia : 17.438 sq.ft.lb
 Noise level : 70 dB(A)

	D.E.	N.D.E.
Bearings	6314 C3	6314 C3
Regreasing interval	12000 h	12000 h
Grease amount	27 g	27 g

Load	Power factor	Efficiency (%)
100%	0.87	93.6
75%	0.85	93.6
50%	0.79	93.6

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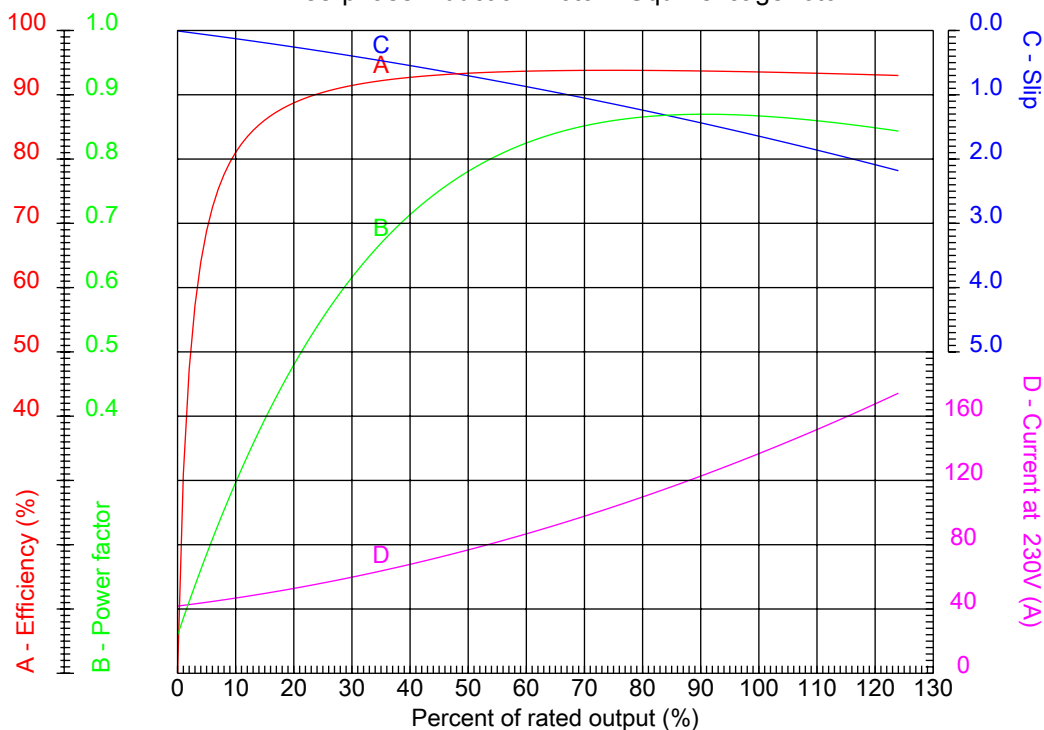
Dealers Industrial Equipment

No.:

Date: 27-SEP-2016

PERFORMANCE CURVES RELATED TO RATED OUTPUT

Three-phase induction motor - Squirrel cage rotor



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

Frame	: 364/5JM	Locked rotor current (I _l /I _n)	: 6.3
Output	: 60 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.25
Full load speed	: 1770 rpm	Design	: B
Voltage	: 230/460 V	Locked rotor torque	: 200 %
Rated current	: 139/69.4 A	Breakdown torque	: 230 %
Insulation class	: F		

Notes:
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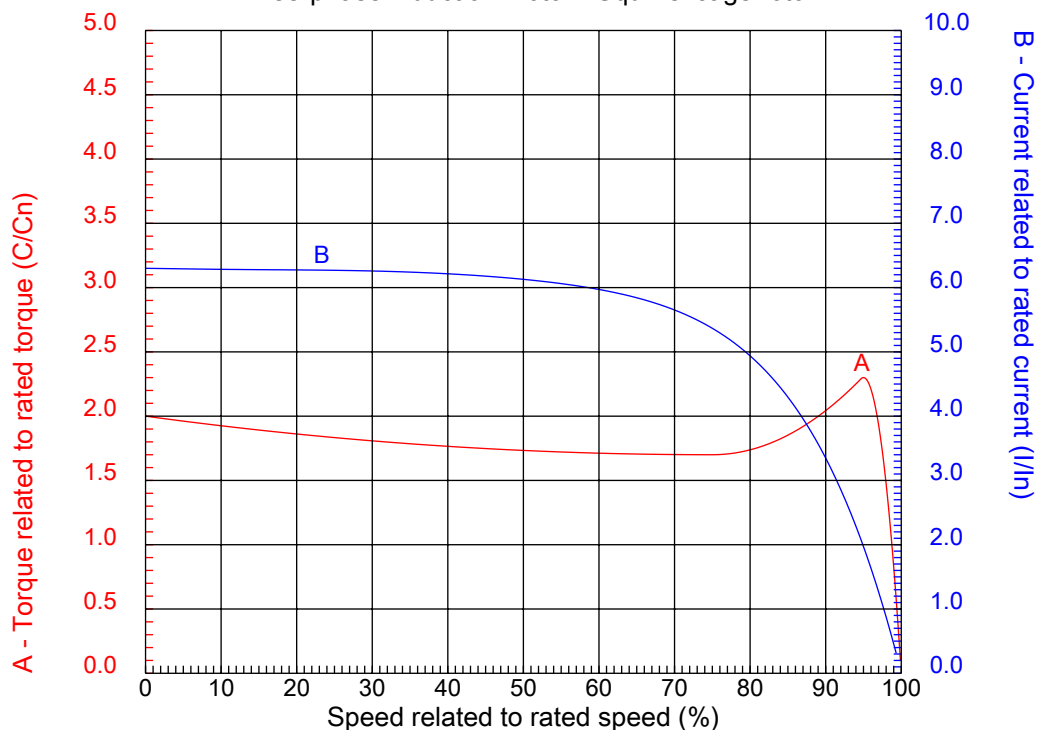
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CHARACTERISTIC CURVES RELATED TO SPEED

Three-phase induction motor - Squirrel cage rotor



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

Frame	: 364/5JM	Locked rotor current (I _l /I _n)	: 6.3
Output	: 60 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.25
Full load speed	: 1770 rpm	Design	: B
Voltage	: 230/460 V	Locked rotor torque	: 200 %
Rated current	: 139/69.4 A	Breakdown torque	: 230 %
Insulation class	: F		

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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 "JM" Type - TEFC - High Efficiency

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

27-SEP-2016

