



Dealers Industrial Equipment

No.:

Date: 28-SEP-2016

Customer :

TECHNICAL PROPOSAL

Three-phase induction motor - Squirrel cage rotor

Product line : Three-Phase: W22 IE2 IEC Tru-Metric - TEFC (IP55) Cast Iron Frame

Catalog Number : 26012EP3Y355M/L-W22

List Price : \$47,322

Notes:

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

Customer :  
 Product line : Three-Phase: W22 IE2 IEC Tru-Metric - TEFC (IP55) Cast Iron Frame

Frame : 355M/L  
 Output : 350 HP  
 Frequency : 60 Hz  
 Poles : 6  
 Full load speed : 1190 rpm  
 Slip : 0.83 %  
 Voltage : 460 V  
 Rated current : 422 A  
 Locked rotor current : 2790 A  
 Locked rotor current (I<sub>L</sub>/I<sub>n</sub>) : 6.6  
 No-load current : 196 A  
 Full load torque : 1524 lb.ft  
 Locked rotor torque : 230 %  
 Breakdown torque : 230 %  
 Design : ---  
 Insulation class : F  
 Temperature rise : 80 K  
 Locked rotor time : 34 s (hot)  
 Service factor : 1.15  
 Duty cycle : S1  
 Ambient temperature : -20°C - +40°C  
 Altitude : 1000 m  
 Degree of Protection : IP55  
 Approximate weight : 3945 lb  
 Moment of inertia : 301.62 sq.ft.lb  
 Noise level : 77 dB(A)

	D.E.	N.D.E.
Bearings	6322 C3	6319 C3
Regreasing interval	11000 h	13000 h
Grease amount	60 g	45 g

Load	Power factor	Efficiency (%)
100%	0.81	95.4
75%	0.77	95.4
50%	0.64	95.0

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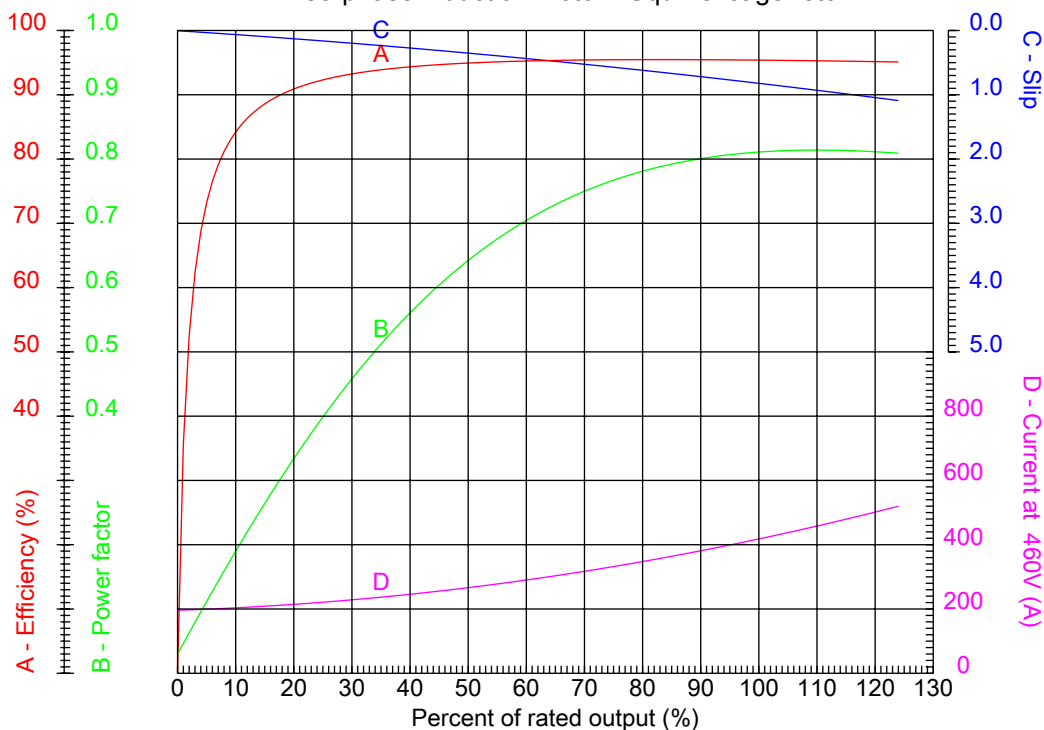
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## PERFORMANCE CURVES RELATED TO RATED OUTPUT

Three-phase induction motor - Squirrel cage rotor



Customer :  
 Product line : Three-Phase: W22 IE2 IEC Tru-Metric - TEFC (IP55) Cast Iron Frame

Frame	: 355M/L	Locked rotor current (I <sub>l</sub> /I <sub>n</sub> )	: 6.6
Output	: 350 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.15
Full load speed	: 1190 rpm	Design	: ---
Voltage	: 460 V	Locked rotor torque	: 230 %
Rated current	: 422 A	Breakdown torque	: 230 %
Insulation class	: F		

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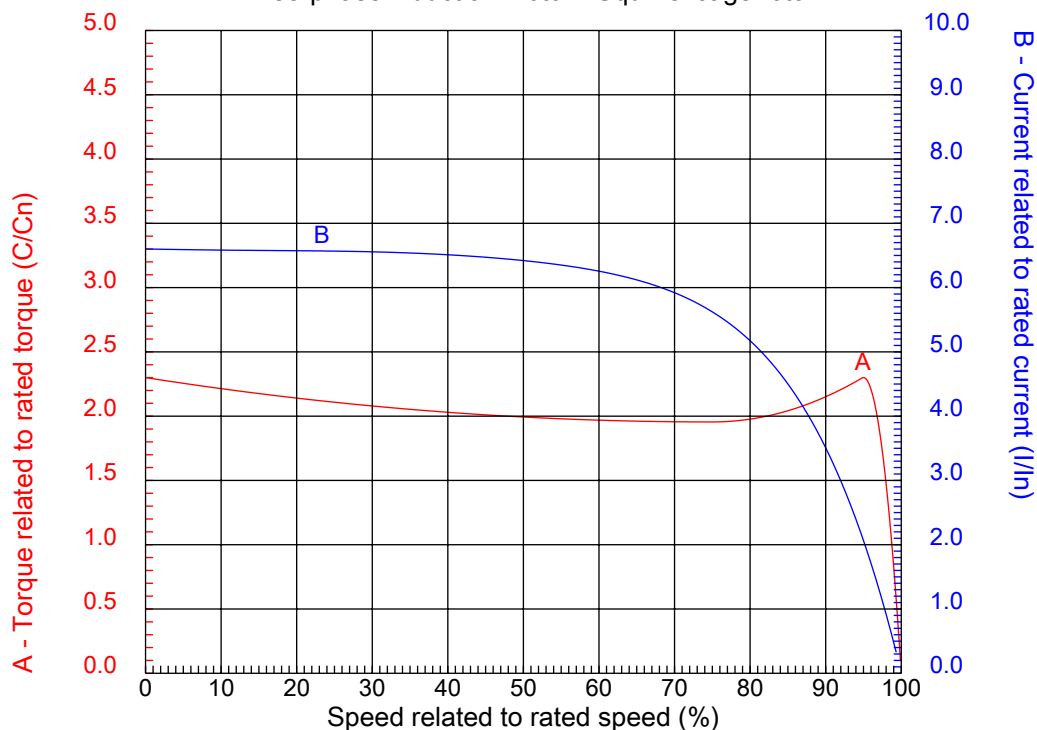
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## CHARACTERISTIC CURVES RELATED TO SPEED

Three-phase induction motor - Squirrel cage rotor



Customer :  
Product line : Three-Phase: W22 IE2 IEC Tru-Metric - TEFC (IP55) Cast Iron Frame

Frame	: 355M/L	Locked rotor current (I <sub>l</sub> /I <sub>n</sub> )	: 6.6
Output	: 350 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.15
Full load speed	: 1190 rpm	Design	: ---
Voltage	: 460 V	Locked rotor torque	: 230 %
Rated current	: 422 A	Breakdown torque	: 230 %
Insulation class	: F		

Notes:  
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