



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

Customer :

TECHNICAL PROPOSAL

Three-phase induction motor - Squirrel cage rotor

Product line : Three Phase: W01 (Rolled Steel) - ODP - Standard Efficiency

Catalog Number : .7536OS3E56-S

List Price : \$259

Notes:

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No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Three Phase: W01 (Rolled Steel) - ODP - Standard Efficiency

Frame : 56
 Output : 0.75 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3480 rpm
 Slip : 3.33 %
 Voltage : 208-230/460 V
 Rated current : 2.79-2.52/1.26 A
 Locked rotor current : 15.6/7.81 A
 Locked rotor current (I_L/I_n) : 6.2
 No-load current : 1.60/0.800 A
 Full load torque : 1.12 lb.ft
 Locked rotor torque : 230 %
 Breakdown torque : 260 %
 Design : A
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 31 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : ODP
 Approximate weight : 18 lb
 Moment of inertia : 0.04532 sq.ft.lb
 Noise level : 62 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6203 ZZ	6202 ZZ	100%	0.76	72.0
Regreasing interval	---	---	75%	0.67	70.0
Grease amount	---	---	50%	0.53	64.0

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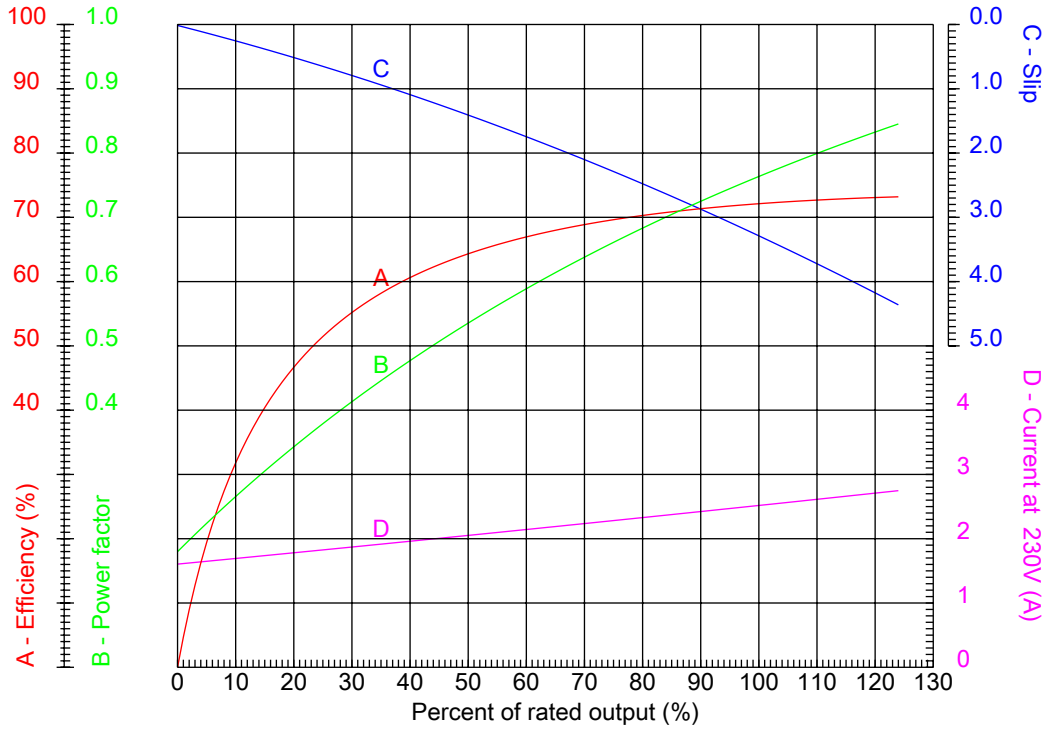
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PERFORMANCE CURVES RELATED TO RATED OUTPUT

Three-phase induction motor - Squirrel cage rotor



Customer :
 Product line : Three Phase: W01 (Rolled Steel) - ODP - Standard Efficiency

Frame	: 56	Locked rotor current (I _L /I _n)	: 6.2
Output	: 0.75 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.25
Full load speed	: 3480 rpm	Design	: A
Voltage	: 208-230/460 V	Locked rotor torque	: 230 %
Rated current	: 2.79-2.52/1.26 A	Breakdown torque	: 260 %
Insulation class	: F		

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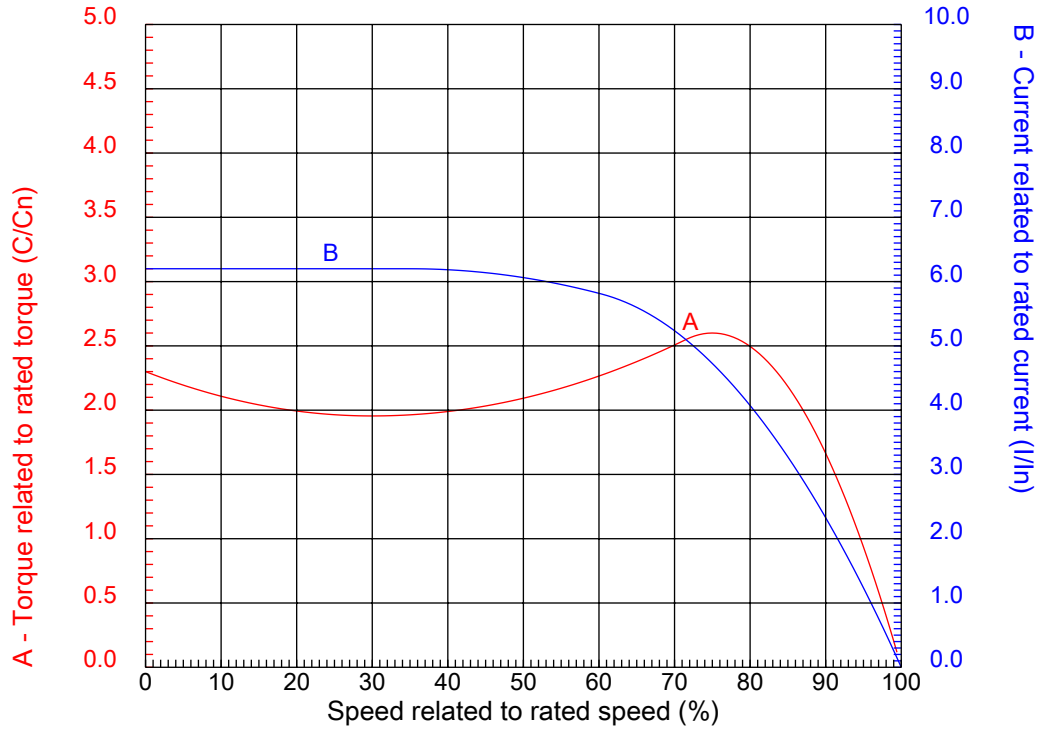
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CHARACTERISTIC CURVES RELATED TO SPEED

Three-phase induction motor - Squirrel cage rotor



Customer :
Product line : Three Phase: W01 (Rolled Steel) - ODP - Standard Efficiency

Frame	: 56	Locked rotor current (I _l /I _n)	: 6.2
Output	: 0.75 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.25
Full load speed	: 3480 rpm	Design	: A
Voltage	: 208-230/460 V	Locked rotor torque	: 230 %
Rated current	: 2.79-2.52/1.26 A	Breakdown torque	: 260 %
Insulation class	: F		

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1 2 3 4 5 6 7 8

A

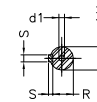
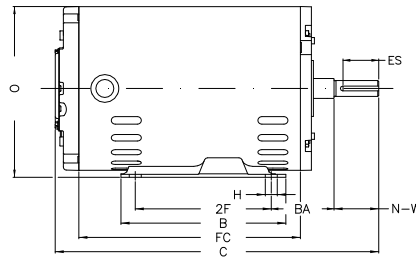
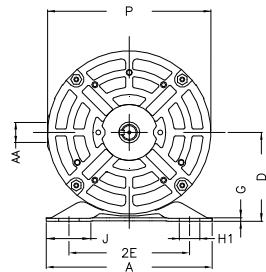
B

C

D

E

F



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Customer:

Three Phase: W01 (Rolled Steel) - ODP - Standard Efficiency

Three-phase induction motor
Frame 56 - ODP

12-SEP-2016



P 6.456	AB 3.323	J 1.732	2E 4.874	A 6.535
H 0.343	G 0.120	HB 1.784	HK 2.629	T 0.004
O 6.724	FC 6.693	2F 3.000	B 4.016	C 10.709
BA 2.750	N-W 1.874	ES 1.417	d1 A 3.15	S 0.187
U 0.625	AA NPT 1/2"	depth 0.187	R 0.517	LL 4.563
LM 4.090	BB 0.004	D 3.500		