



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

Customer :

TECHNICAL PROPOSAL

Single-phase induction motor - Squirrel cage rotor

Product line : Single Phase: W01 (Rolled Steel) - ODP - Premium Efficiency (DOE)

Catalog Number : .3318OT1BW56CFL-S

List Price : \$303

Notes:

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DATA SHEET Single-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Single Phase: W01 (Rolled Steel) - ODP - Premium Efficiency (DOE)

Frame : W56
 Output : 0.33 HP
 Frequency : 60 Hz
 Poles : 4
 Full load speed : 1745 rpm
 Slip : 3.06 %
 Voltage : 115/208-230 V
 Rated current : 4.20/2.32-2.10 A
 Locked rotor current : 33.6/16.8 A
 Locked rotor current (I_L/I_n) : 8.0
 No-load current : 3.00/1.50 A
 Full load torque : 0.980 lb.ft
 Locked rotor torque : 320 %
 Breakdown torque : 320 %
 Design : ---
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 17 s (hot)
 Service factor : 1.35 (1.00 at 208V)
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : ODP
 Approximate weight : 18 lb
 Moment of inertia : 0.04390 sq.ft.lb
 Noise level : 50 dB(A)

	D.E.	N.D.E.
Bearings	6203 ZZ	6202 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.73	72.4
75%	0.67	66.0
50%	0.57	57.0

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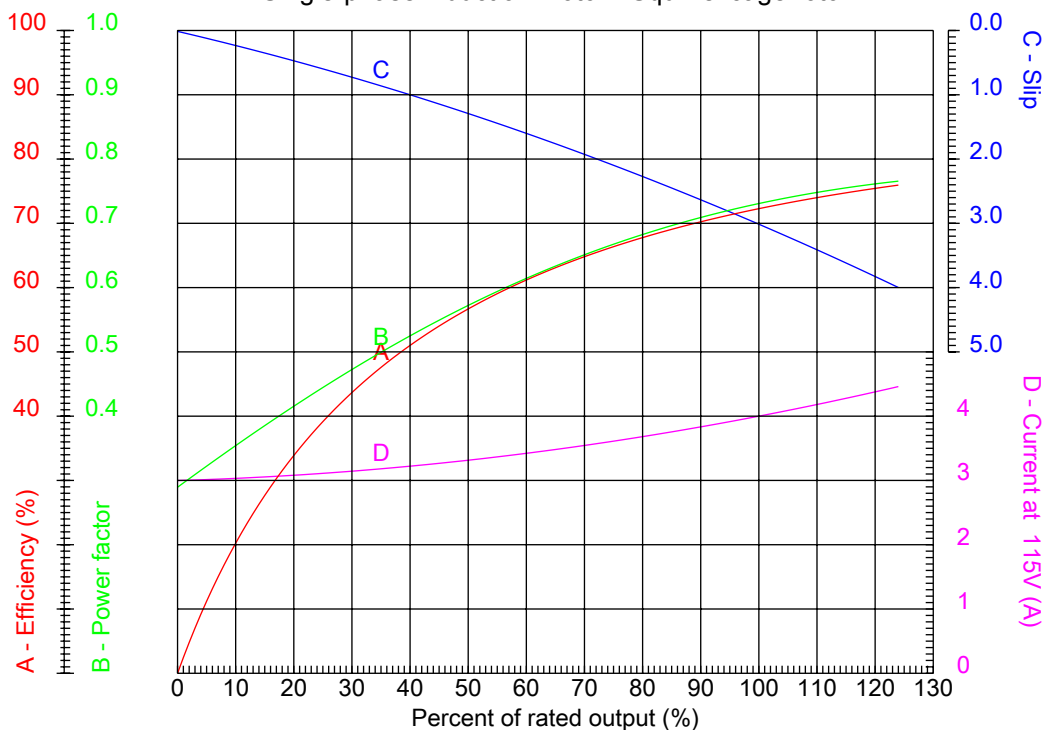
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PERFORMANCE CURVES RELATED TO RATED OUTPUT

Single-phase induction motor - Squirrel cage rotor



Customer :
Product line : Single Phase: W01 (Rolled Steel) - ODP - Premium Efficiency (DOE)

Frame	: W56	Locked rotor current (I _l /I _n)	: 8.0
Output	: 0.33 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.35 (1.00 at 208V)
Full load speed	: 1745 rpm	Design	: ---
Voltage	: 115/208-230 V	Locked rotor torque	: 320 %
Rated current	: 4.20/2.32-2.10 A	Breakdown torque	: 320 %
Insulation class	: F		

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1 2 3 4 5 6 7 8

A

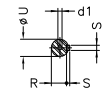
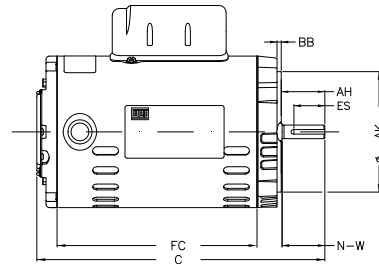
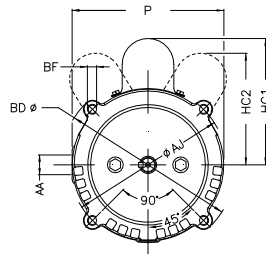
B

C

D

E

F



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Customer:

Single Phase: W01 (Rolled Steel) - ODP - Premium Efficiency (DOE)

Single-phase induction motor
Frame W56 - ODP

12-SEP-2016



P 5.709	AB 5.520	HK 2.650	FC 6.693	C 10.260
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 3.835	LM 3.697
HC2 4.165	Flange FC-149	AJ 5.874	AK 4.500	BD 6.470
BF UNC 3/8"x16-2B	BB 0.157	AH 2.063		