



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

Customer :

TECHNICAL PROPOSAL

Three-phase induction motor - Squirrel cage rotor

Product line : Jet Pump: Three-Phase - W01 (Rolled Steel) - Threaded - ODP - Standard
Efficiency
Catalog Number : 00136OS3EJPR56J-S
List Price : \$287

Notes:

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DATA SHEET Three-phase induction motor - Squirrel cage rotor

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

Frame : 56J
 Output : 1 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3470 rpm
 Slip : 3.61 %
 Voltage : 208-230/460 V
 Rated current : 3.40-3.08/1.54 A
 Locked rotor current : 19.7/9.86 A
 Locked rotor current (I_L/I_n) : 6.4
 No-load current : 1.90/0.950 A
 Full load torque : 1.49 lb.ft
 Locked rotor torque : 220 %
 Breakdown torque : 250 %
 Design : A
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 23 s (hot)
 Service factor : 1.40
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : ODP
 Approximate weight : 20 lb
 Moment of inertia : 0.05173 sq.ft.lb
 Noise level : 62 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6203 ZZ	6202 ZZ	100%	0.81	75.5
Regreasing interval	---	---	75%	0.73	74.0
Grease amount	---	---	50%	0.60	70.0

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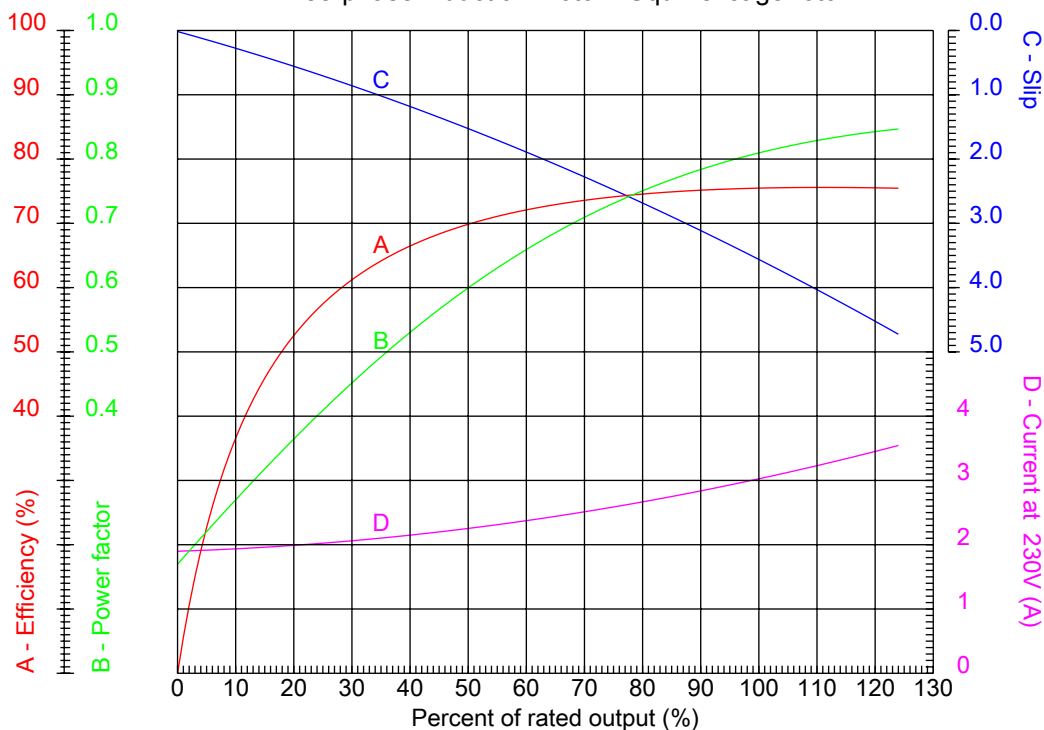
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PERFORMANCE CURVES RELATED TO RATED OUTPUT

Three-phase induction motor - Squirrel cage rotor



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

Frame	: 56J	Locked rotor current (I _l /I _n)	: 6.4
Output	: 1 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.40
Full load speed	: 3470 rpm	Design	: A
Voltage	: 208-230/460 V	Locked rotor torque	: 220 %
Rated current	: 3.40-3.08/1.54 A	Breakdown torque	: 250 %
Insulation class	: F		

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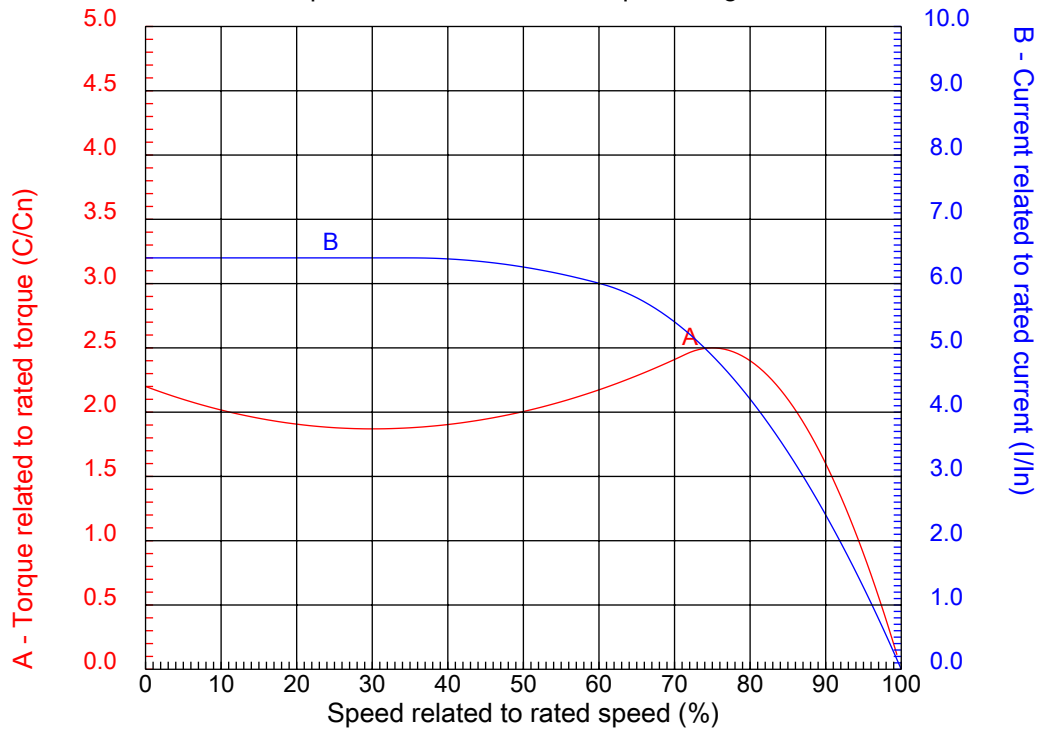
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No.:

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CHARACTERISTIC CURVES RELATED TO SPEED

Three-phase induction motor - Squirrel cage rotor



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

Frame	: 56J	Locked rotor current (I _l /I _n)	: 6.4
Output	: 1 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.40
Full load speed	: 3470 rpm	Design	: A
Voltage	: 208-230/460 V	Locked rotor torque	: 220 %
Rated current	: 3.40-3.08/1.54 A	Breakdown torque	: 250 %
Insulation class	: F		

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1 2 3 4 5 6 7 8

A

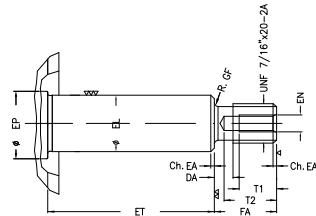
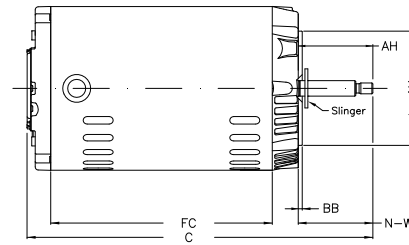
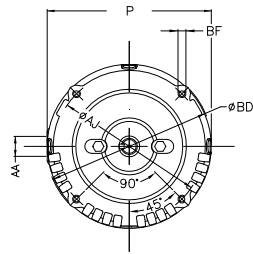
B

C

D

E

F



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Customer:

Jet Pump: Three-Phase - W01 (Rolled Steel) - Threaded - ODP - Standard

Three-phase induction motor
Frame 56J - ODP

12-SEP-2016



P 6.456	AB 5.882	AA NPT 1/2"	ET 1.874	U 0.625
EL 0.625	EP 0.665	t1 0.472	t2 0.590	C 11.220
FC 6.693	Flange FC-149	AJ 5.874	AK 4.500	BD 6.450
BF UNC 3/8"x16-2B	BB 0.157	AH 2.562		