



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

Customer :

TECHNICAL PROPOSAL

Single-phase induction motor - Squirrel cage rotor

Product line : Jet Pump - NEMA 56 : Single-Phase - Keyed - TEFC (IP55)

Catalog Number : .3336ES1BJPR56C

List Price : \$282

Notes:

Downloaded from <http://dealerselectric.com>

Generated for Model #.3336ES1BJPR56C

Performed by:

Checked:



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET

Single-phase induction motor - Squirrel cage rotor

Customer :
Product line : Jet Pump - NEMA 56 : Single-Phase - Keyed - TEFC (IP55)

Frame : B56
Output : 0.33 HP
Frequency : 60 Hz
Poles : 2
Full load speed : 3490 rpm
Slip : 3.06 %
Voltage : 115/208-230 V
Rated current : 5.70/2.70-2.85 A
Locked rotor current : 33.1/16.5 A
Locked rotor current (I_L/I_n) : 5.8
No-load current : 4.40/2.20 A
Full load torque : 0.490 lb.ft
Locked rotor torque : 370 %
Breakdown torque : 320 %
Design : ---
Insulation class : B
Temperature rise : 80 K
Locked rotor time : 6 s (hot)
Service factor : 1.15 (1.00 at 208V)
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 26 lb
Moment of inertia : 0.02776 sq.ft.lb
Noise level : ---

	D.E.	N.D.E.
Bearings	6203 2RS	6202 2RS
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.70	53.0
75%	0.64	49.0
50%	0.56	40.0

Notes:

Downloaded from <http://dealerselectric.com>
Generated for Model #.3336ES1BJPR56C

Performed by

Checked



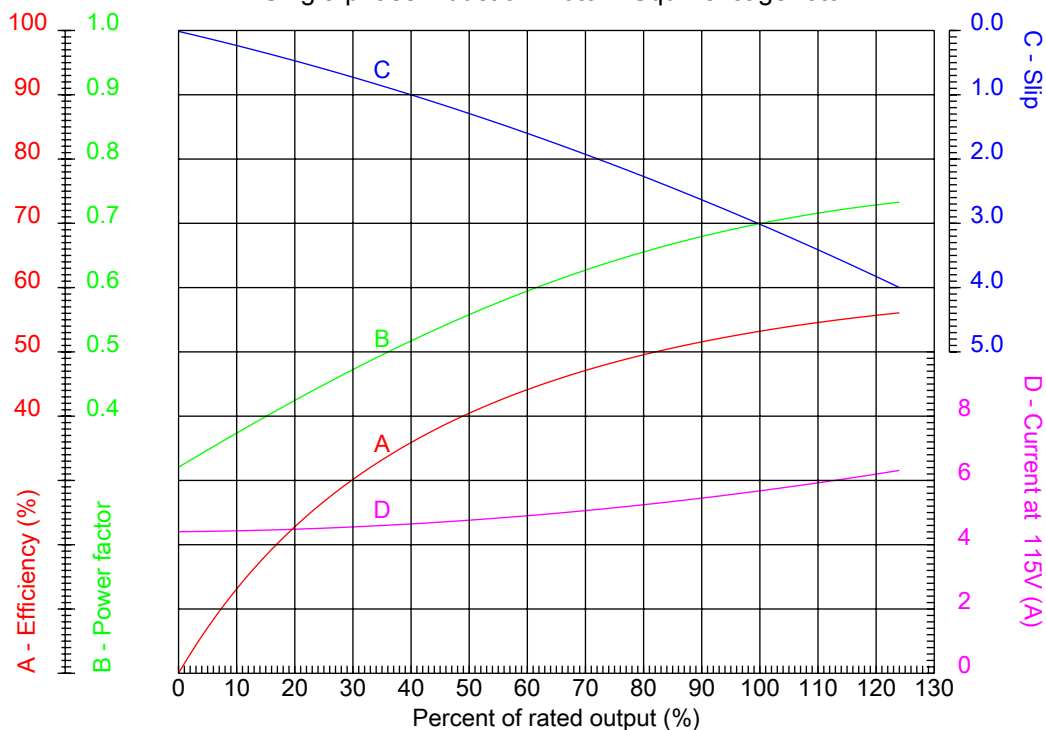
Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

PERFORMANCE CURVES RELATED TO RATED OUTPUT

Single-phase induction motor - Squirrel cage rotor



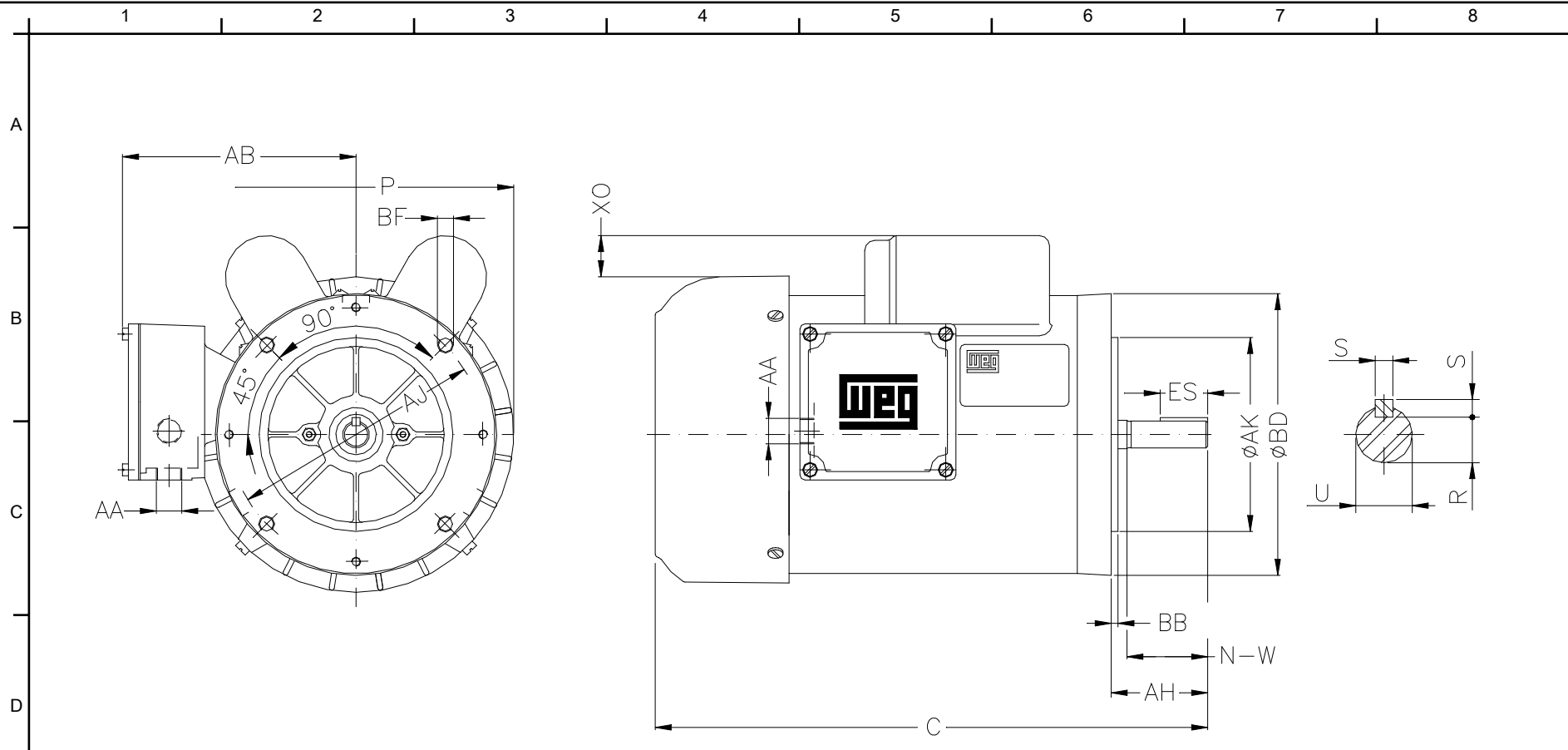
Customer :
Product line : Jet Pump - NEMA 56 : Single-Phase - Keyed - TEFC (IP55)

Frame	: B56	Locked rotor current (I _L /I _n)	: 5.8
Output	: 0.33 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.15 (1.00 at 208V)
Full load speed	: 3490 rpm	Design	: ---
Voltage	: 115/208-230 V	Locked rotor torque	: 370 %
Rated current	: 5.70/2.70-2.85 A	Breakdown torque	: 320 %
Insulation class	: B		

Notes:
Downloaded from <http://dealerselectric.com>
Generated for Model #.3336ES1BJPR56C

Performed by

Checked



Notes: Downloaded from http://dealerselectric.com Generated for Model #.3336ES1BJPR56C		
Performed by:		
Checked:		
Customer:		
Jet Pump - NEMA 56 : Single-Phase - Keyed - TEFC (IP55)		
Single-phase induction motor Frame B56 - IP55	12-SEP-2016	

P 7.323	C 11.102	ES 1.417	N-W 1.874	U 0.6250
S 0.187	R 0.517	AB 5.433	AA NPT 1/2"	d1 D UNF 1/4"-28
Flange FC-149	AJ 5.874	AK 4.500	BD 6.535	BF UNC 3/8"x16-2B
BB 0.157	AH 2.063			