



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 : .3336ES1BJP56C

List Price : \$263

Notes:

Downloaded from <http://dealerselectric.com>

Generated for Model #.3336ES1BJP56C

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<sub>L</sub>/I<sub>n</sub>) : 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 #.3336ES1BJP56C

Performed by

Checked



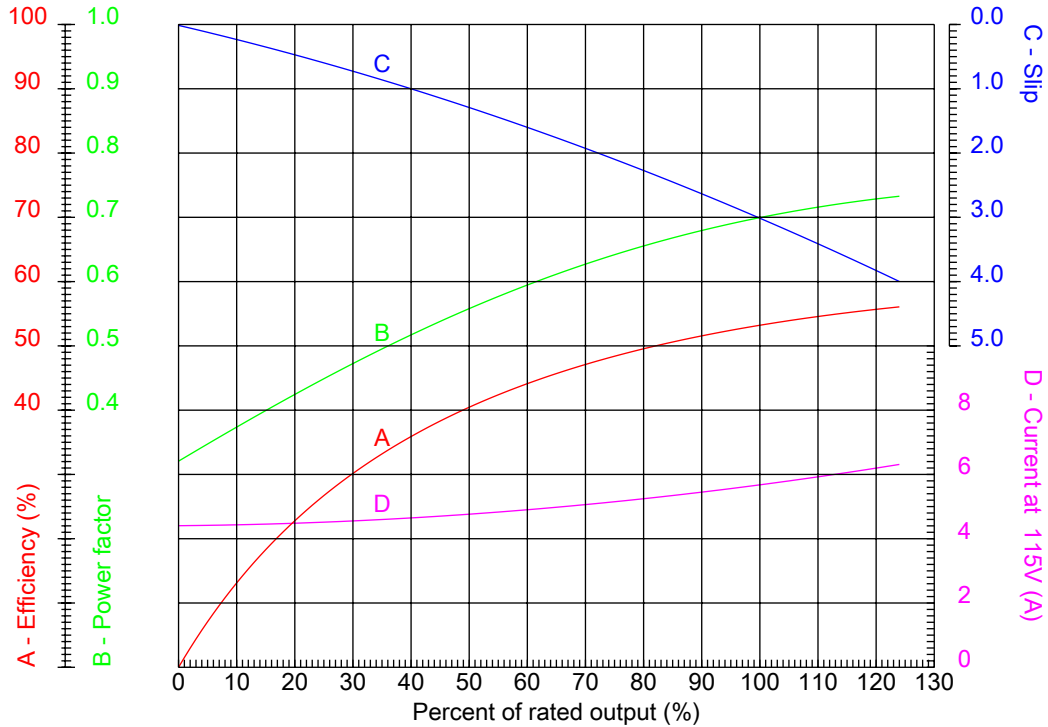
# Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

## PERFORMANCE CURVES RELATED TO RATED OUTPUT

Single-phase induction motor - Squirrel cage rotor



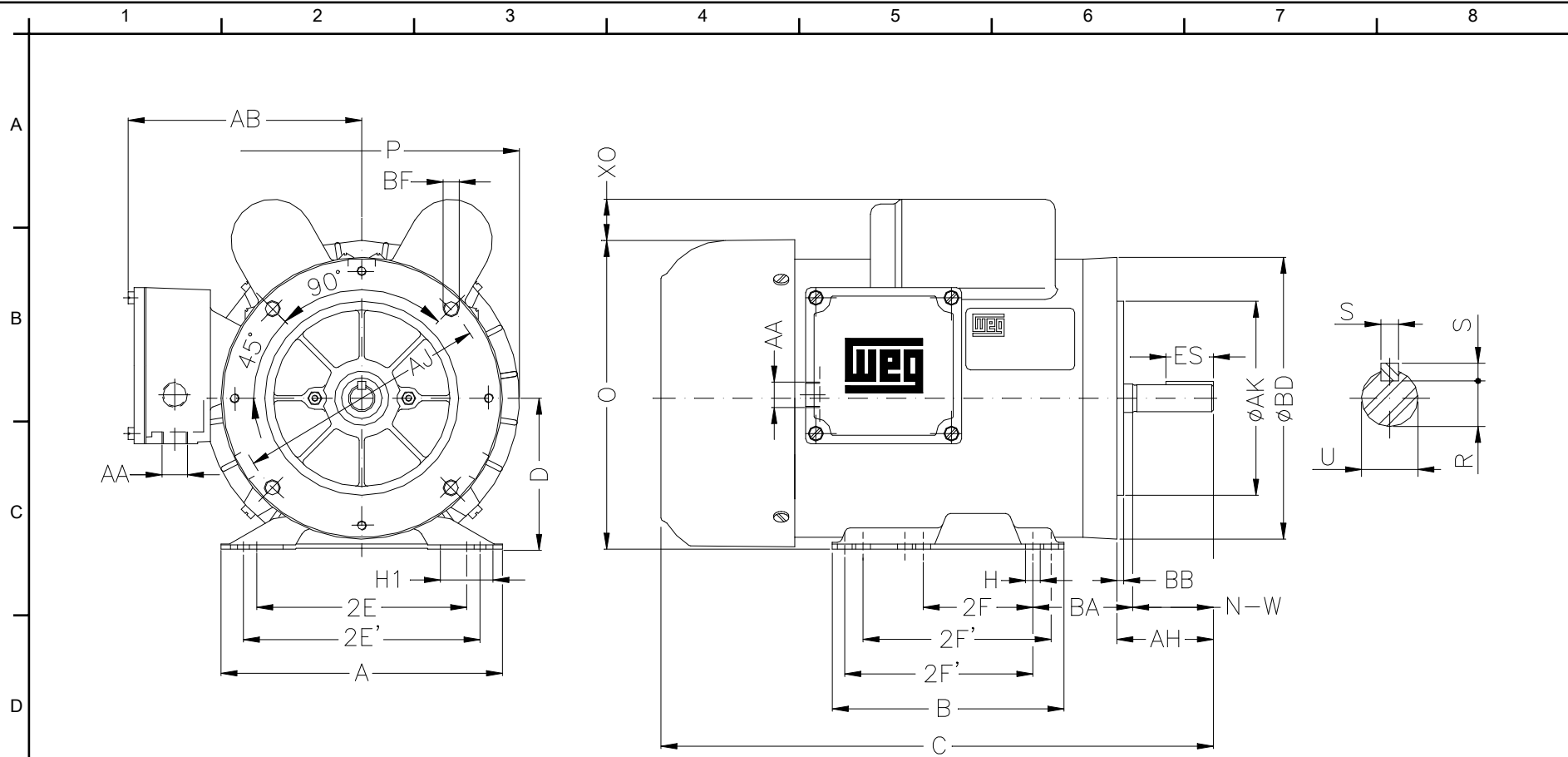
Customer :  
Product line : Jet Pump - NEMA 56 : Single-Phase - Keyed - TEFC (IP55)

Frame : B56	Locked rotor current (I <sub>l</sub> /I <sub>n</sub> ) : 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 #.3336ES1BJP56C

Performed by

Checked



Notes: Downloaded from <http://dealerselectric.com>  
 Generated for Model #.3336ES1BJP56C

Performed by:

Checked:

Customer:

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

Single-phase induction motor

Frame B56 - IP55

12-SEP-2016



2E	2F	H	BA	A
4.874	3.000	0.342	2.750	6.535
B	P	D	J	C
4.016	7.323	3.500	1.220	11.102
O	ES	N-W	U	S
7.165	1.417	1.874	0.6250	0.187
R	AB	AA	d1	XO
0.517	5.433	NPT 1/2"	D UNF 1/4"-28	1.063
Flange FC-149	AJ	AK	BD	BF
	5.874	4.500	6.535	UNC 3/8"x16-2B
BB	AH			
0.157	2.063			