



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

Customer :

TECHNICAL PROPOSAL

Single-phase induction motor - Squirrel cage rotor

Product line : Auger Drive : Single-Phase - TEFC (IP55)

Catalog Number : .7518ES1RADB56N

List Price : \$454

Notes:

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DATA SHEET Single-phase induction motor - Squirrel cage rotor

Customer :
Product line : Auger Drive : Single-Phase - TEFC (IP55)

Frame : B56
Output : 0.75 HP
Frequency : 60 Hz
Poles : 4
Full load speed : 1745 rpm
Slip : 3.06 %
Voltage : 115/230 V
Rated current : 10.6/5.30 A
Locked rotor current : 65.7/32.9 A
Locked rotor current (I_L/I_n) : 6.2
No-load current : 8.00/4.00 A
Full load torque : 2.23 lb.ft
Locked rotor torque : 300 %
Breakdown torque : 250 %
Design : ---
Insulation class : B
Temperature rise : 80 K
Locked rotor time : 6 s (hot)
Service factor : 1.15
Duty cycle : S1
Ambient temperature : -20°C - +40°C
Altitude : 1000 m
Degree of Protection : IP55
Approximate weight : 30 lb
Moment of inertia : 0.09824 sq.ft.lb
Noise level : ---

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

Load	Power factor	Efficiency (%)
100%	0.66	68.5
75%	0.58	66.0
50%	0.47	58.5

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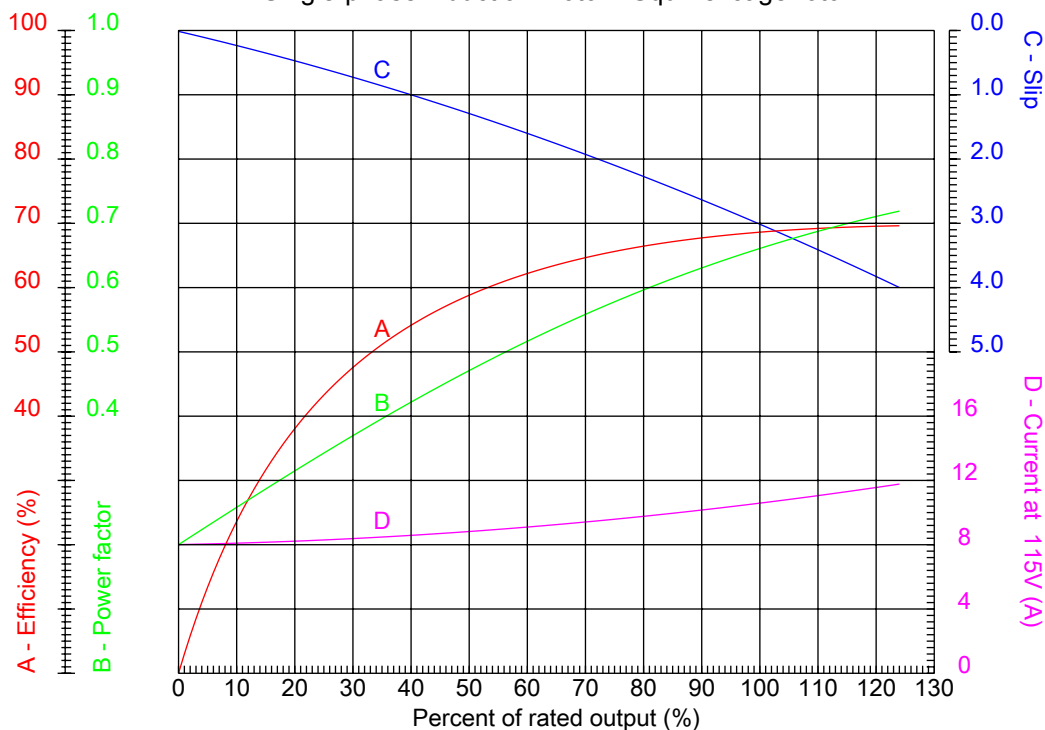
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PERFORMANCE CURVES RELATED TO RATED OUTPUT

Single-phase induction motor - Squirrel cage rotor



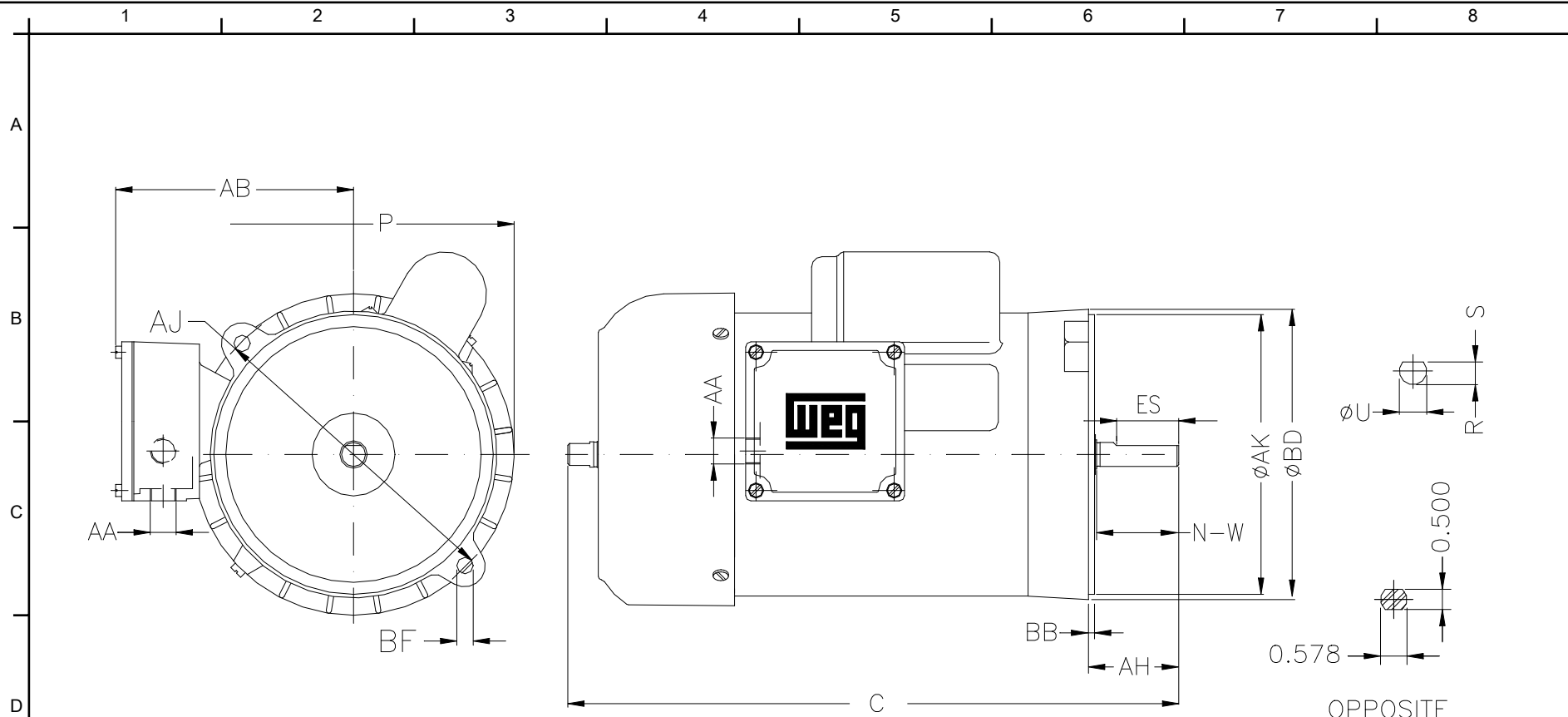
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OPPOSITE
DRIVE END

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Customer:

Auger Drive : Single-Phase - TEFC (IP55)

P	ES	N-W	U	R
7.323	1.500	1.874	0.500	0.453
AA	Flange	AJ	AK	BD
2xNPT 1/2"	FC-184	7.250	6.374	6.614
BF	BB	AH		
0.374	0.137	2.060		

Single-phase induction motor
Frame B56 - IP55

12-SEP-2016

