



Dealers Industrial Equipment

No.:

Date: 23-SEP-2016

Customer :

TECHNICAL PROPOSAL

Three-phase induction motor - Squirrel cage rotor

Product line : Close Coupled Pump : Three-Phase - "JP" Type - ODP - High Efficiency

Catalog Number : 02536OP3V256JPV

List Price : \$2,518

Notes:

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DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
 Product line : Close Coupled Pump : Three-Phase - "JP" Type - ODP - High Efficiency

Frame : 256JP
 Output : 25 HP
 Frequency : 60 Hz
 Poles : 2
 Full load speed : 3530 rpm
 Slip : 1.94 %
 Voltage : 200/400 V
 Rated current : 67.4/33.7 A
 Locked rotor current : 404/202 A
 Locked rotor current (I_L/I_n) : 6.0
 No-load current : 21.6/10.8 A
 Full load torque : 36.7 lb.ft
 Locked rotor torque : 200 %
 Breakdown torque : 250 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 10 s (hot)
 Service factor : 1.15
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP23
 Approximate weight : 225 lb
 Moment of inertia : 0.97744 sq.ft.lb
 Noise level : 67 dB(A)

	D.E.	N.D.E.	Load	Power factor	Efficiency (%)
Bearings	6309 Z-C3	6209 Z-C3	100%	0.87	91.0
Regreasing interval	10000 h	10000 h	75%	0.84	91.0
Grease amount	13 g	9 g	50%	0.76	90.2

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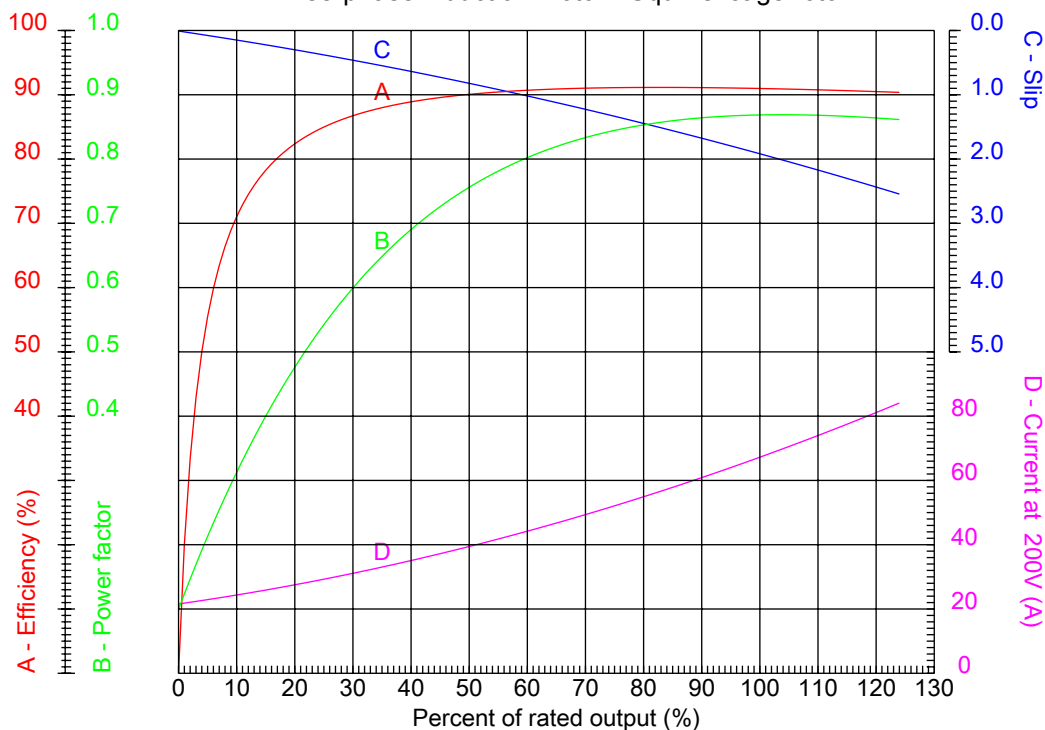
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PERFORMANCE CURVES RELATED TO RATED OUTPUT

Three-phase induction motor - Squirrel cage rotor



Customer :
Product line : Close Coupled Pump : Three-Phase - "JP" Type - ODP - High Efficiency

Frame	: 256JP	Locked rotor current (I _l /I _n)	: 6.0
Output	: 25 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.15
Full load speed	: 3530 rpm	Design	: B
Voltage	: 200/400 V	Locked rotor torque	: 200 %
Rated current	: 67.4/33.7 A	Breakdown torque	: 250 %
Insulation class	: F		

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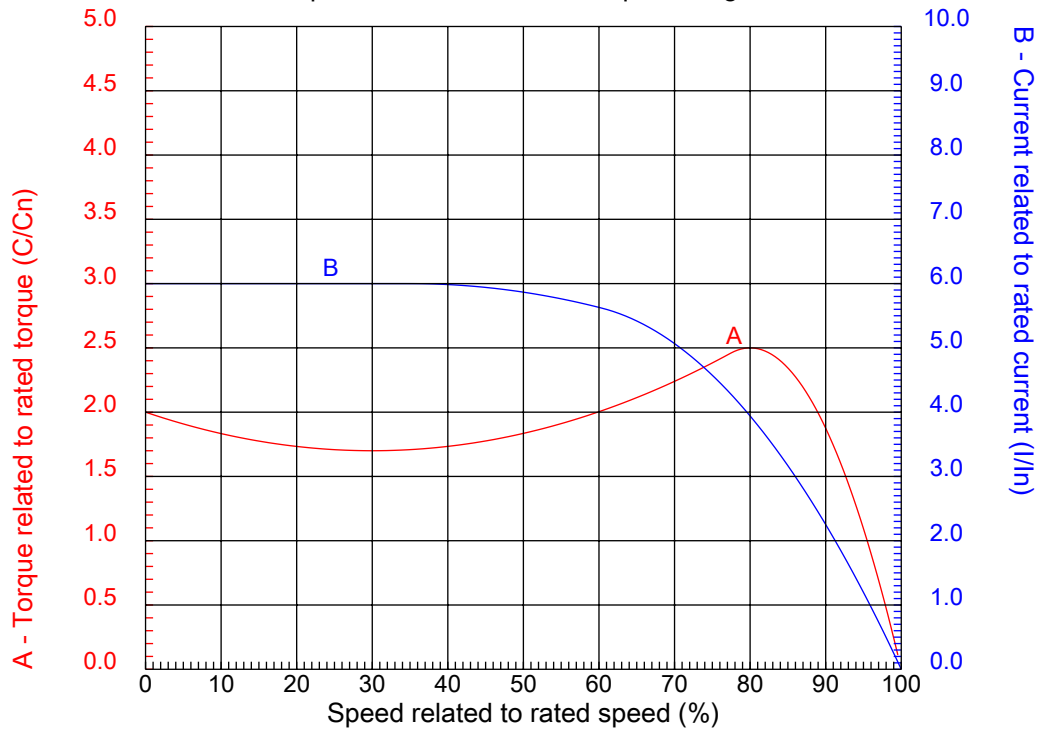
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CHARACTERISTIC CURVES RELATED TO SPEED

Three-phase induction motor - Squirrel cage rotor



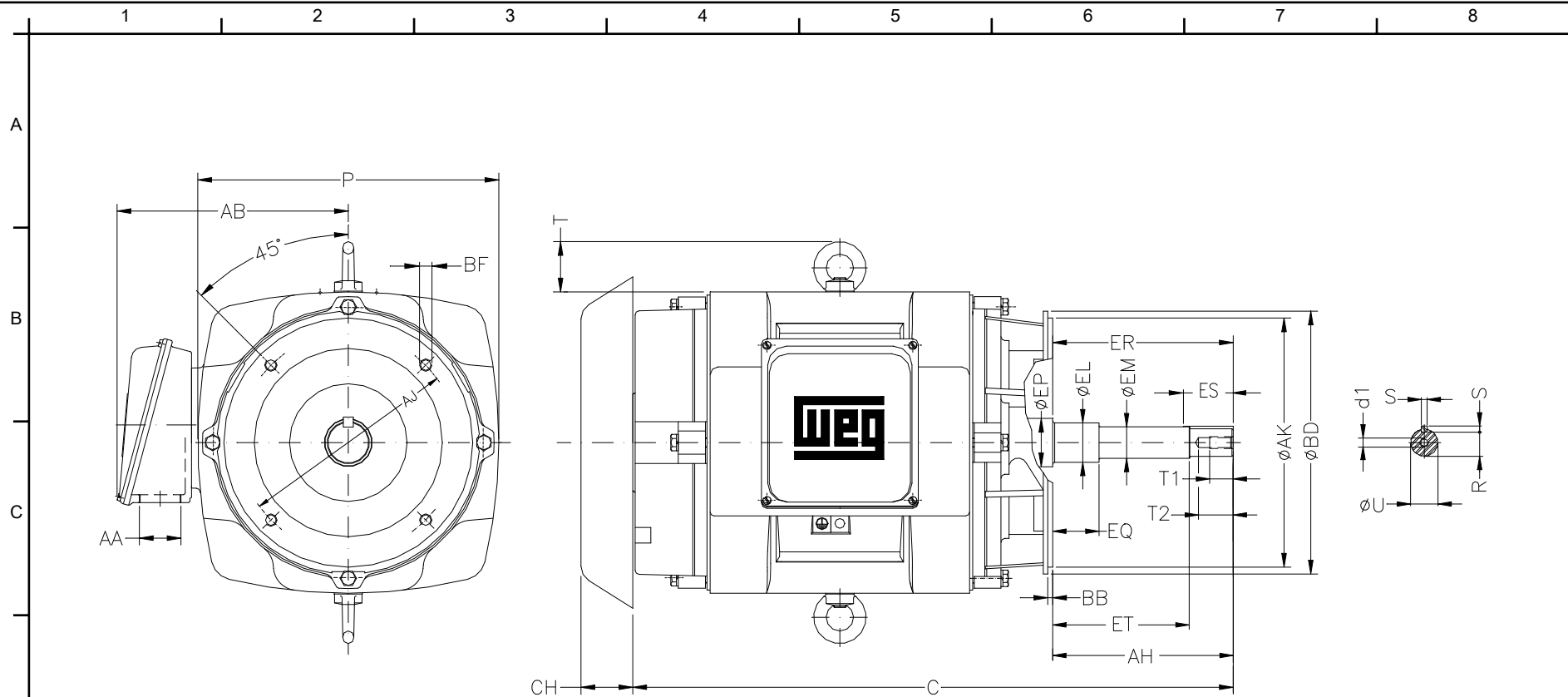
Customer :
Product line : Close Coupled Pump : Three-Phase - "JP" Type - ODP - High Efficiency

Frame	: 256JP	Locked rotor current (I _l /I _n)	: 6.0
Output	: 25 HP	Duty cycle	: S1
Frequency	: 60 Hz	Service factor	: 1.15
Full load speed	: 3530 rpm	Design	: B
Voltage	: 200/400 V	Locked rotor torque	: 200 %
Rated current	: 67.4/33.7 A	Breakdown torque	: 250 %
Insulation class	: F		

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Customer:

Close Coupled Pump : Three-Phase - "JP" Type - ODP - High Efficiency

Three-phase induction motor
 Frame 256JP - IP23

23-SEP-2016



P	AA	ER	EQ	ET
11.812	NPT 1 1/2"	8.130	2.382	5.886
U	EM	EL	S	EP
1.249	1.375	1.750	0.250	1.770
R	ES	d1	t1	t2
1.110	2.559	EUNC 1/2"-13	0.984	1.496
C	Flange	AJ	AK	BD
26.782	FC-184	7.250	8.500	8.858
BF	BB	AH		
UNC 1/2"x13	0.250	8.130		

1 2 3 4 5 6 7 8

A
B
C
D
E
F

LOW VOLTAGE

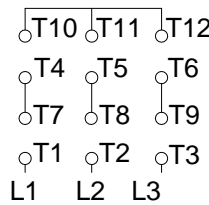
HIGH VOLTAGE



CONNECTIONS FOR STARTING ONLY:

LOW VOLTAGE

HIGH VOLTAGE



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Customer:

Close Coupled Pump : Three-Phase - "JP" Type - ODP - High Efficiency

Three-phase induction motor
Frame 256JP - IP23

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