	Dealers Industrial Equipment	No.:
		Date: 13-SEP-2016

DATA SHEET

Single-phase induction motor - Squirrel cage rotor

Customer	:	
Product line	:	Close Coupled Pump : Single-Phase - "JM" Type - TEFC - Standard Efficiency

Frame	:	184JM
Output	:	5 HP
Frequency	:	60 Hz
Poles	:	2
Full load speed	:	3500 rpm
Slip	:	2.78 %
Voltage	:	208-230/460 V
Rated current	:	22.5-21.0/10.5 A
Locked rotor current	:	164/81.9 A
Locked rotor current (Il/In)	:	7.8
No-load current	:	8.00/4.00 A
Full load torque	:	7.40 lb.ft
Locked rotor torque	:	280 %
Breakdown torque	:	260 %
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	:	104 lb
Moment of inertia	:	0.19055 sq.ft.lb
Noise level	:	---

	D.E.	N.D.E.
Bearings	6307 ZZ	6206 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.92	83.0
75%	0.89	82.5
50%	0.81	80.0

Notes:

Downloaded from http://dealerselectric.com

Generated for Model #00536ES1E184JM

Performed by	Checked