

PRODUCT INFORMATION PACKET



Model No: B231SE
Catalog No: B231SE
Pool Pump Motor, 2.5 HP, 1 Ph, 60 Hz, 230 V, 3600 RPM, P56J Frame, DP



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Nameplate Specifications

Phase	1	Output HP	2.5 Hp
Output KW	1.9 kW	Voltage	230 V
Speed	3450 rpm	Service Factor	1
Frame	P56J	Enclosure	Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	50 °C
Frequency	60 Hz	Current	10.5 A
Duty	Continuous	Insulation Class	B
UL	Recognized	CSA	Y
Number of Speeds	1		

Technical Specifications

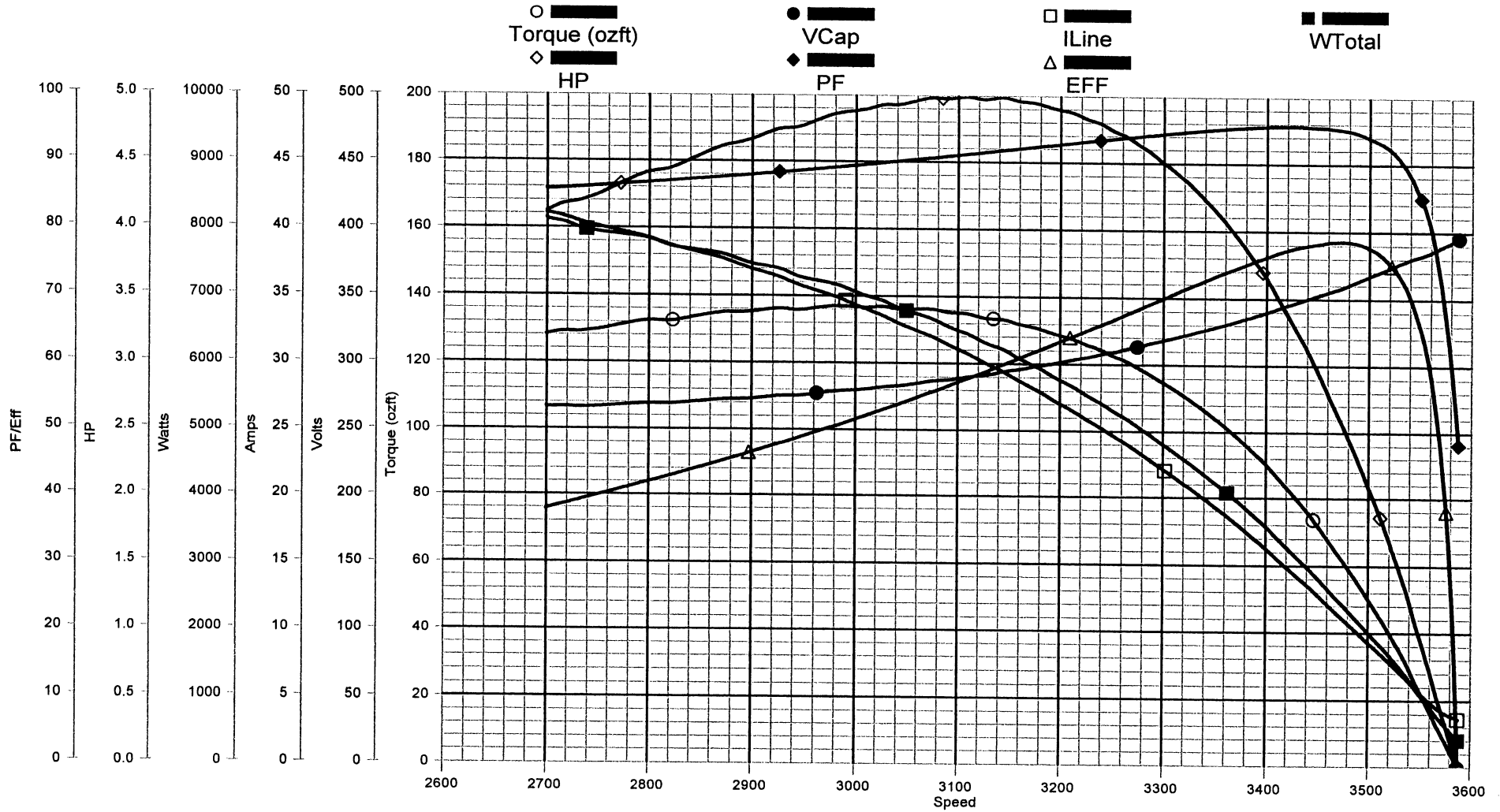
Electrical Type	Permanent Split Capacitor, Single Or Dual Voltage	Starting Method	Across The Line
Poles	2	Rotation	Counterclockwise Pump End
Mounting	Round	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	7/16 Thread
Overall Length	13.81 in	Frame Length	8.00 in
Shaft Diameter	0.625 in	Shaft Extension	2.57 in
Outline Drawing	B231SE	Connection Drawing	02282603-002

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AO Smith

Performance Down Project: 0345668 (High Speed)

Wednesday, October 08, 2003 12:12 AM



TRACKING #: 10017657
 SBU: Pump
 ENGINEER: DWAYNE FOX
 TECHNICIAN: DAN
 BENCH: 2
 TORQUE CELL: 350 lb-in
 NP RPM: 3450
 # SPEEDS: 1
 MOTOR #: 1
 TYPE: CX

CUSTOMER:
 MODEL: 0345668A
 FRAME: X56J
 PHASES: 1
 HP: 2.50
 VOLTS: 230.0
 HERTZ: 60
 START CAP: 0.00
 RUN CAP: 25.00
 COMMENT3:

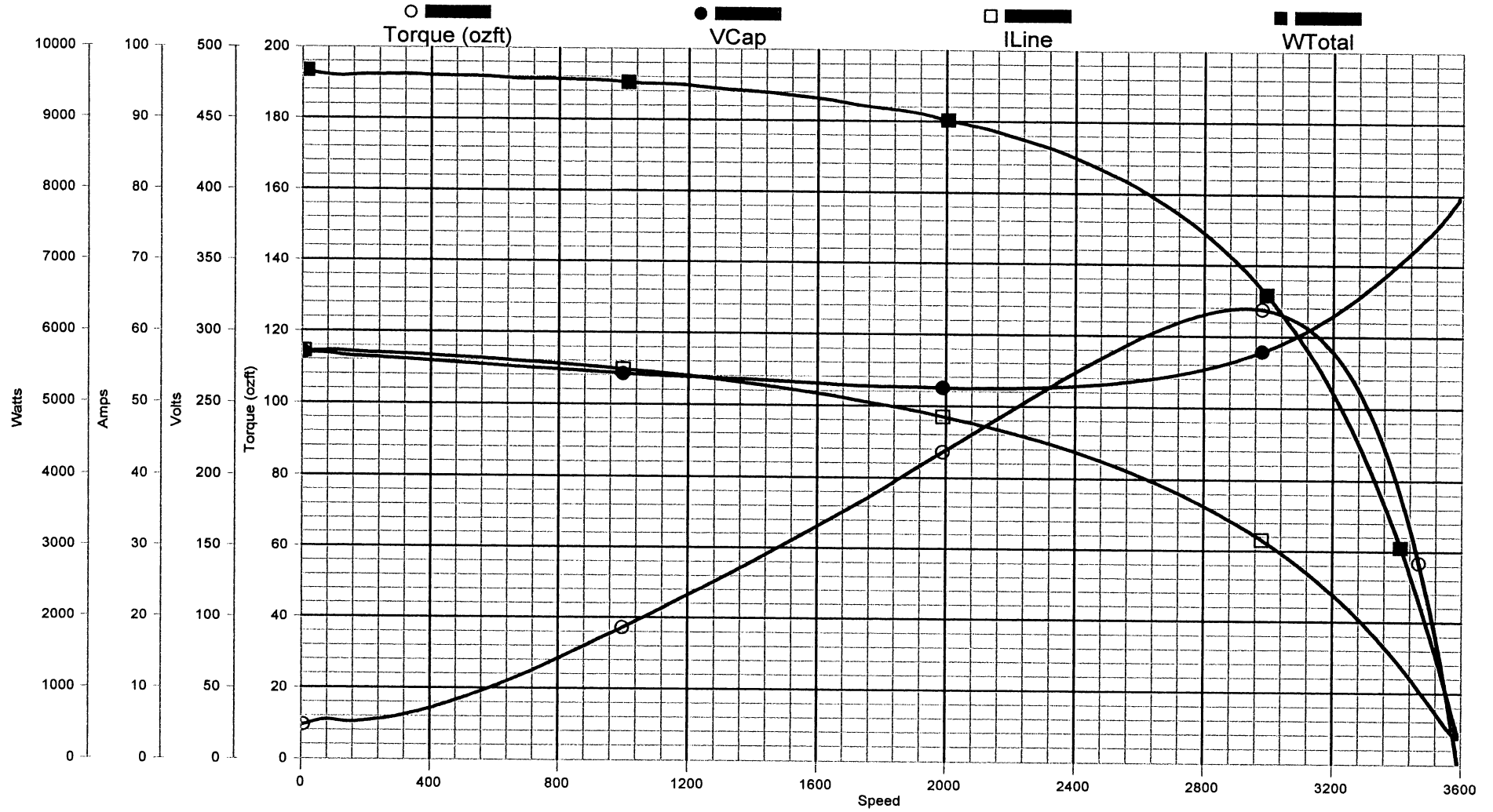
LOCK AMPS: 57.0A
 LOCK TORQUE: 12.0 oz-ft
 BREAKDOWN TORQUE: 136.7 oz-ft

DESCRIPTION: OFFSET
 BDT: 136.83
 MT: 136.97
 SF: 0.00
 LRT: 0.00
 LRA: 0.00
 PUT: 0.00
 COMMENT1:
 COMMENT2:
 COMMENT4:

AO Smith

Performance Up Project: 0345668 (High Speed)

Wednesday, October 08, 2003 12:22 AM



TRACKING #: 10017657
 SBU: Pump
 ENGINEER: DWAYNE FOX
 TECHNICIAN: DAN
 BENCH: 2
 TORQUE CELL: 350 lb-in
 NP RPM: 3450
 # SPEEDS: 1
 MOTOR #: 1
 TYPE: CX

CUSTOMER:
 MODEL: 0345668A
 FRAME: X56J
 PHASES: 1
 HP: 2.50
 VOLTS: 230.0
 HERTZ: 60
 START CAP: 0.00
RUN CAP: 25.00
 COMMENT3:

DESCRIPTION: 0-SYNC
 BDT: 127.85
 MT: 127.85
 SF: 0.00
 LRT: 9.30
 LRA: 57.25
 PUT: 9.30
 COMMENT1:
 COMMENT2:
 COMMENT4: