

PRODUCT INFORMATION PACKET

Model No: B227SE

Catalog No: B227SE

3/4 HP Pool Pump Motor, 1 phase, 3600 RPM, 230/115 V, 56J Frame, ODP



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Nameplate Specifications

Output HP	3/4 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	230/115 V
Current	4.4/8.8 A	Speed	3450 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	B
Frame	M56J	Enclosure	Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	50 °C
UL	Recognized	CSA	Y
Number of Speeds	1		

Technical Specifications

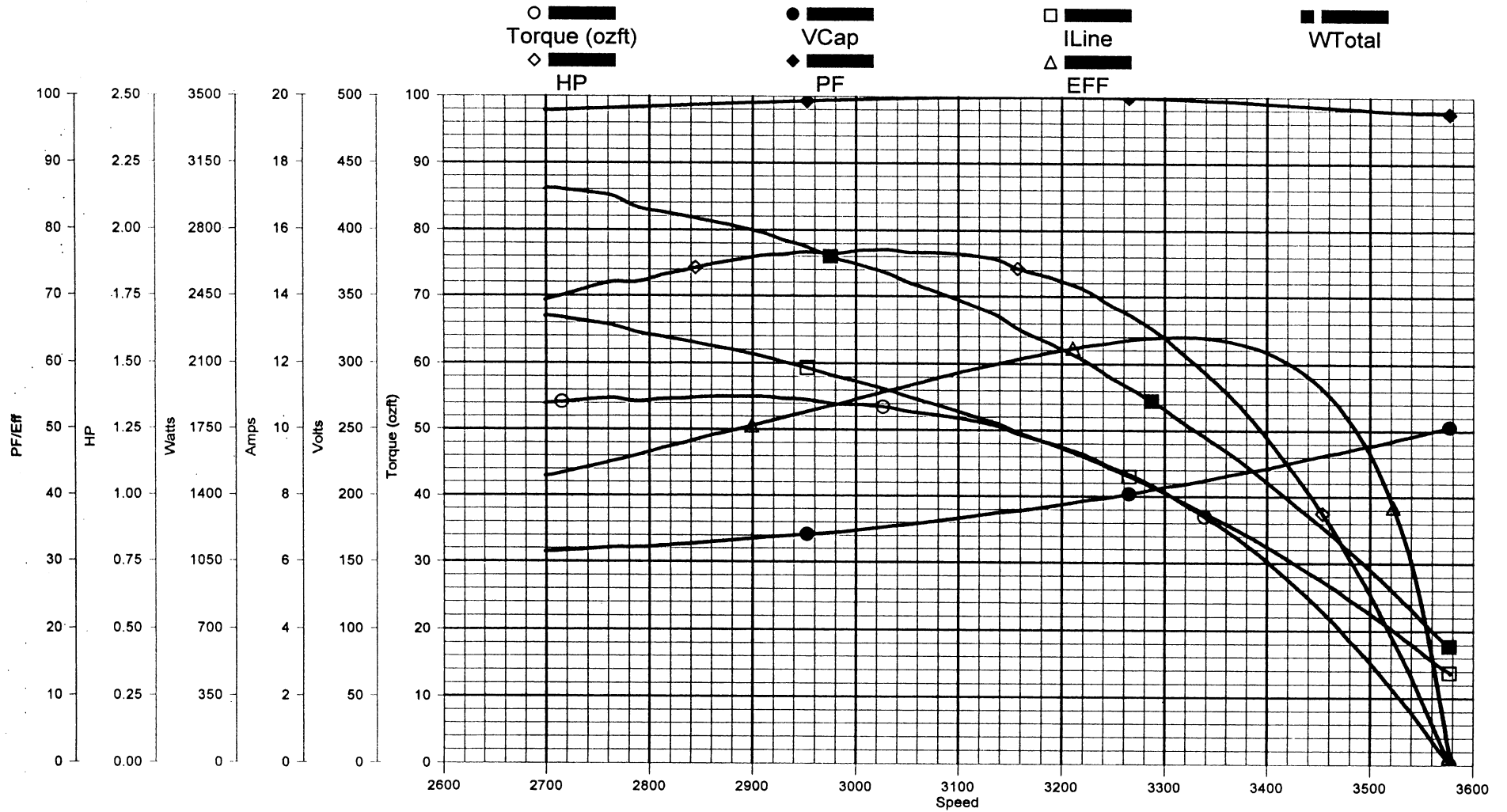
Electrical Type	Permanent Split Capacitor, Single Or Dual Voltage	Poles	2
Rotation	Counterclockwise Pump End	Mounting	C Face
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	7/16 THREADS	Overall Length	12.56 in
Frame Length	6.75 in	Shaft Diameter	0.625 in
Shaft Extension	2.57 in		
Connection Drawing	02282603-001	Outline Drawing	B227SE

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AO Smith

Performance Down Project: 0443247 (High Speed)

Wednesday, August 04, 2004 05:28 AM



TRACKING #: 10027136
 SBU: Pump
 ENGINEER: RAY PHILLIPS
 TECHNICIAN: DAN
 BENCH: 2
 TORQUE CELL: 350 lb-in
 NP RPM: 3450
 # SPEEDS: 1
 MOTOR #: 1
 TYPE: CX

CUSTOMER: A. O. SMITH
 MODEL: 0443247A
 FRAME: 56C
 PHASES: 1
 HP: 0.50
 VOLTS: 230.0
 HERTZ: 60
 START CAP: 0.00
 RUN CAP: 25.00
 COMMENT3:

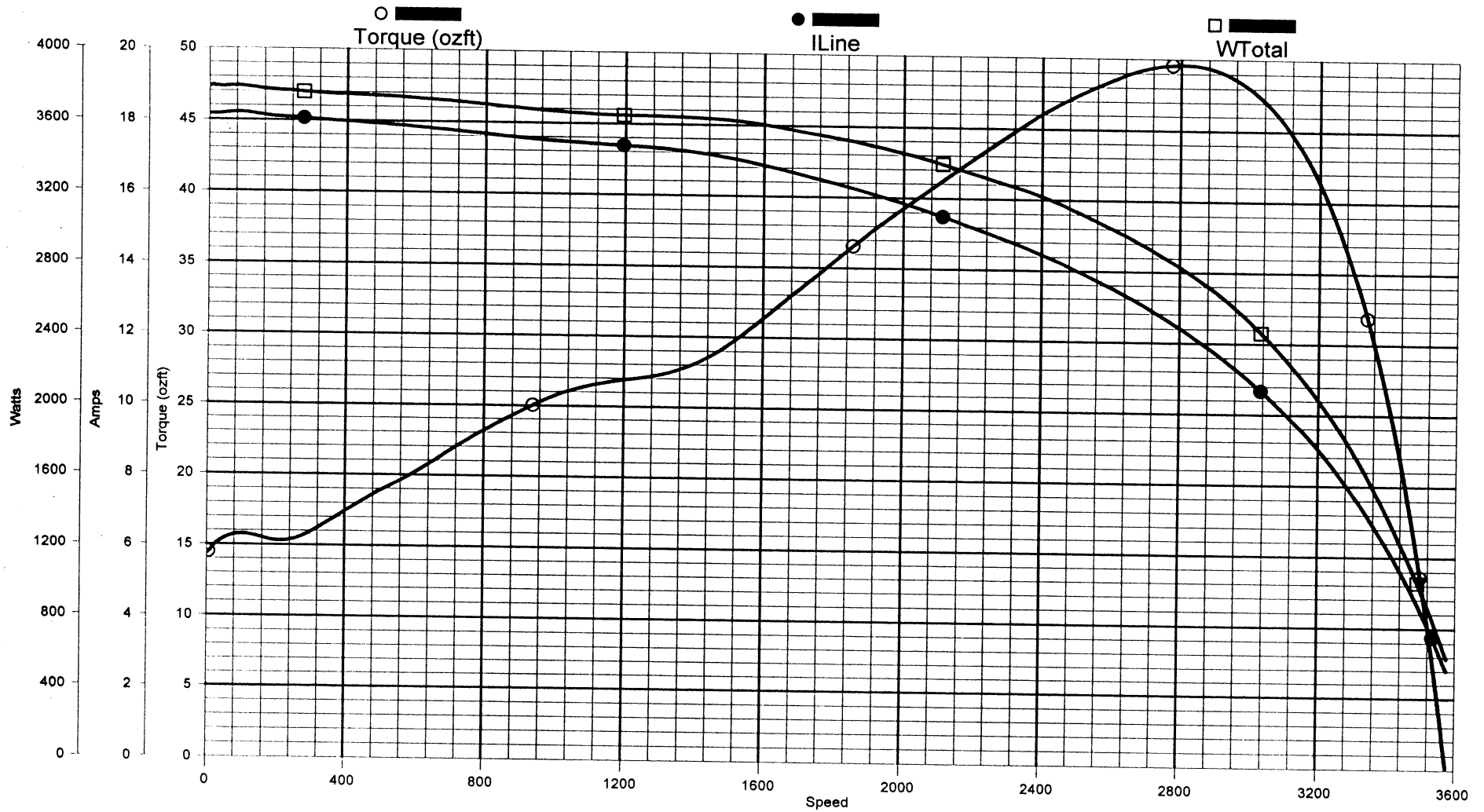
DESCRIPTION: OFFSET
 BDT: 54.98
 MT: 54.98
 SF: 19.20
 LRT: 0.00
 LRA: 0.00
 PUT: 0.00
 COMMENT1:
 COMMENT2:
 COMMENT4:

Breakdown TQ: 55.0 oz-ft
 Locked Rotor TQ: 16.0 oz-ft
 Locked Rotor Amps: 18.2 A
 Pull-up TQ: 15.3 oz-ft

AO Smith

Performance Up Project: 0443247 (High Speed)

Wednesday, August 04, 2004 05:46 AM



TRACKING #: 10027136
 SBU: Pump
 ENGINEER: RAY PHILLIPS
 TECHNICIAN: DAN
 BENCH: 2
 TORQUE CELL: 350 lb-in
 NP RPM: 3450
 # SPEEDS: 1
 MOTOR #: 1
 TYPE: CX

CUSTOMER: A. O. SMITH
 MODEL: 0443247A
 FRAME: 56C
 PHASES: 1
 HP: 0.50
 VOLTS: 230.0
 HERTZ: 60
 START CAP: 0.00
 RUN CAP: 25.00
 COMMENT3:

DESCRIPTION: 0-SYNC
 BDT: 49.60
 MT: 49.60
 SF: 19.20
 LRT: 14.35
 LRA: 18.16
 PUT: 14.35
 COMMENT1:
 COMMENT2:
 COMMENT4: