

# PRODUCT INFORMATION PACKET



Model No: B227SE  
Catalog No: B227SE

Pool Pump Motor, 3/4 HP, 1 Ph, 60 Hz, 230/115 V, 3600 RPM, M56J Frame, DP



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**Nameplate Specifications**

Phase	1	Output HP	3/4 Hp
Output KW	0.56 kW	Voltage	230/115 V
Speed	3450 rpm	Service Factor	1
Frame	M56J	Enclosure	Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	50 °C
Frequency	60 Hz	Current	4.4/8.8 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	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

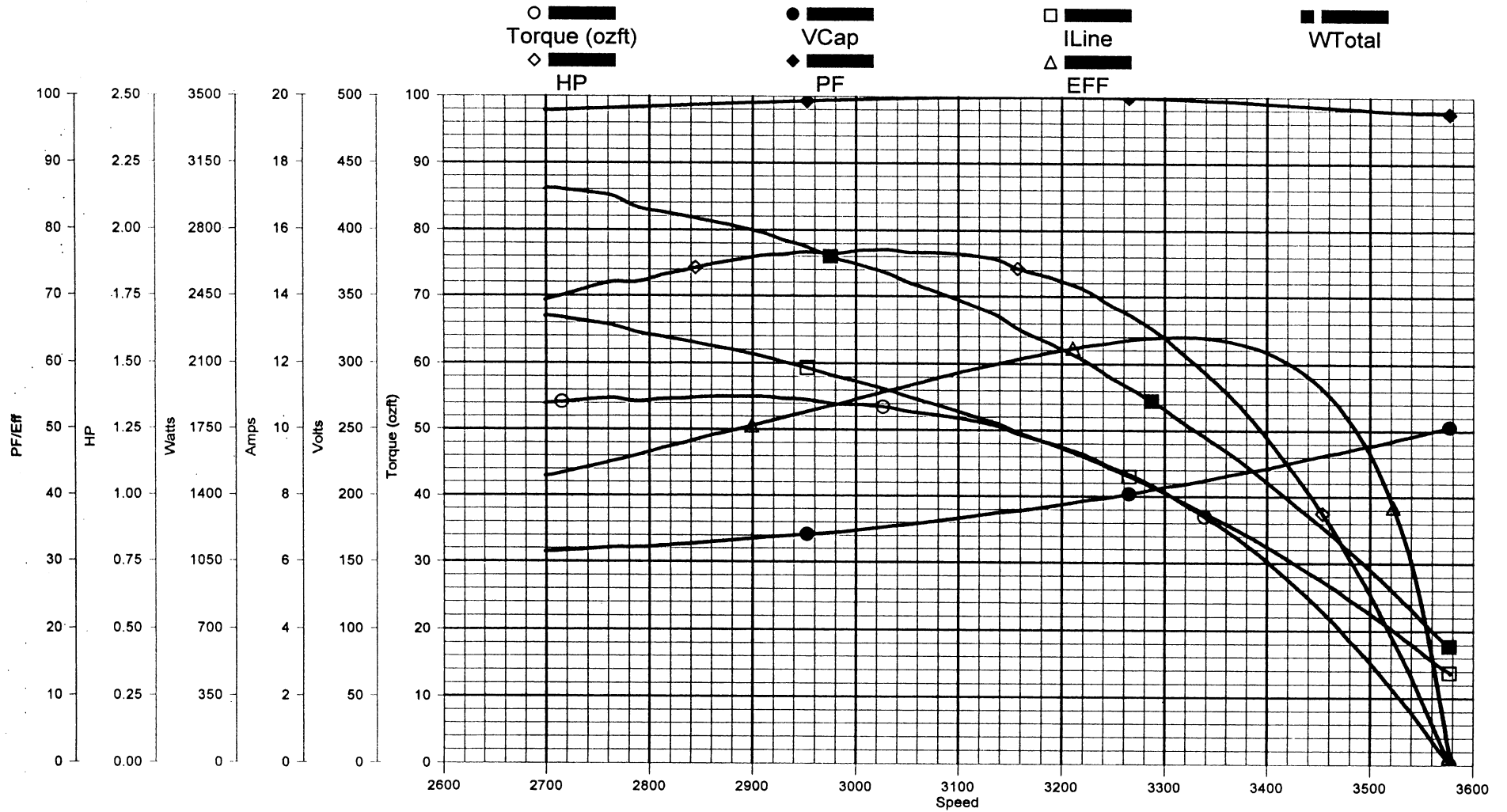
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# AO Smith

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:

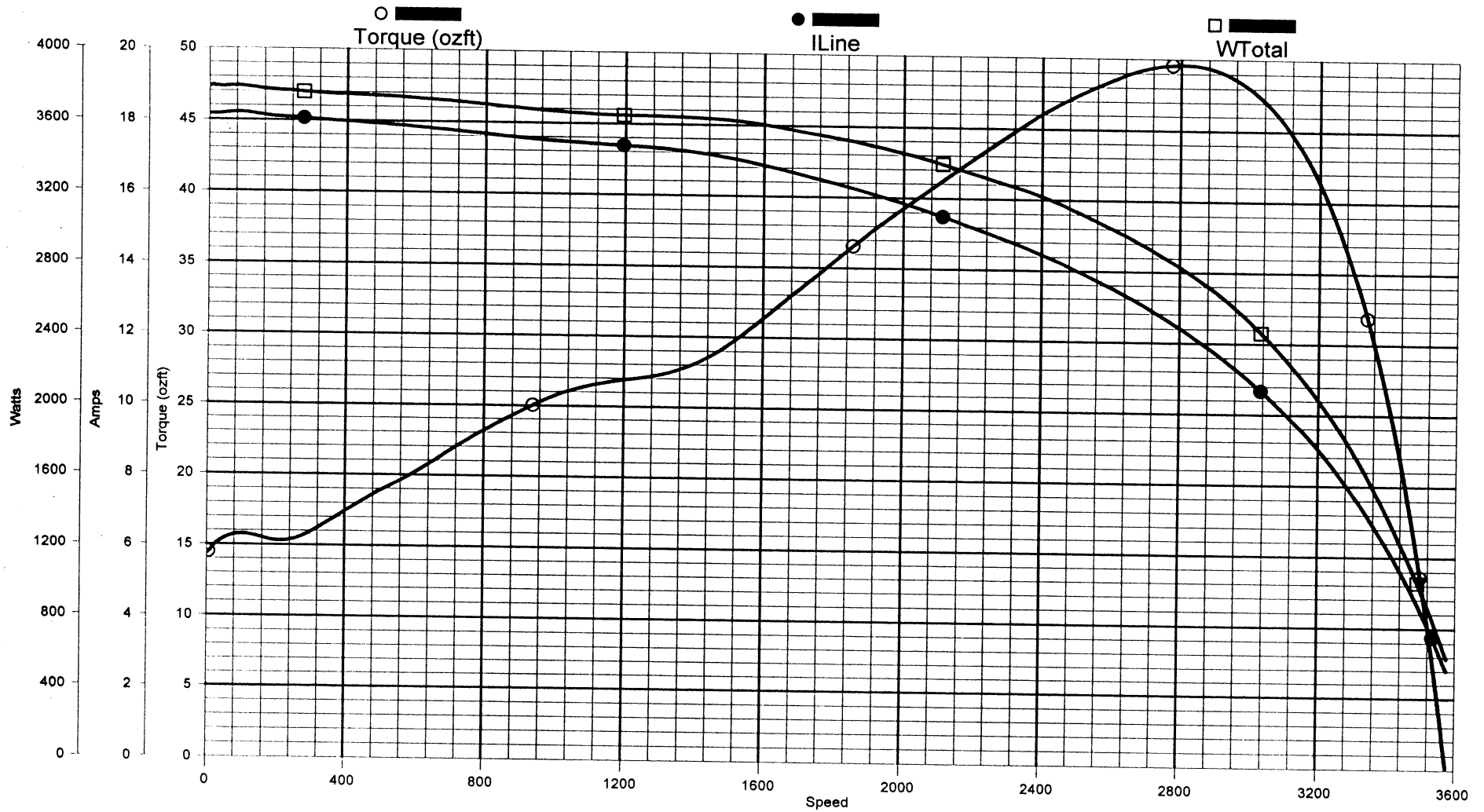
DESCRIPTION: OFFSET  
 BDT: 54.98  
 MT: 54.98  
 SF: 19.20  
 LRT: 0.00  
 LRA: 0.00  
 PUT: 0.00  
 COMMENT1:  
 COMMENT2:  
 COMMENT4:

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: