

PRODUCT INFORMATION PACKET



Model No: B129
Catalog No: B129
1.5 HP Pool Pump Motor, 1 phase, 3600 RPM, 230/115 V, 56J Frame, ODP
Pool Pump Motors



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Nameplate Specifications

Output HP	1.5 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	230/115 V
Current	SF 9.2/18.4 A	Speed	3450 rpm
Service Factor	1.3	Phase	1
Duty	Continuous	Insulation Class	B
Frame	P56J	Enclosure	Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	50 °C
UL	Recognized	CSA	Y
Number of Speeds	1		

Technical Specifications

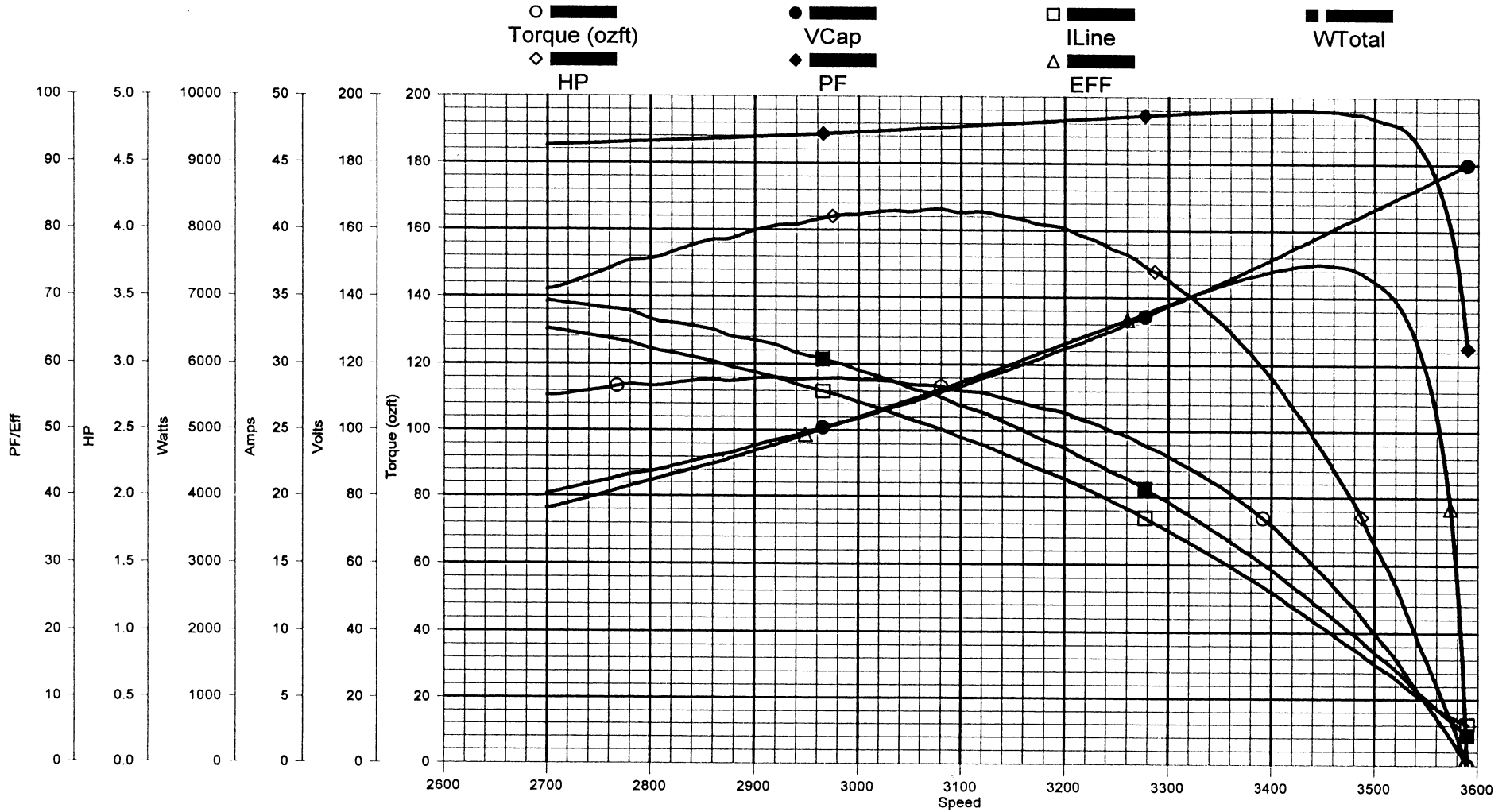
Electrical Type	Permanent Split Capacitor, Single Or Dual Voltage	Poles	2
Rotation	Counterclockwise Pump End	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	7/16 Threaded	Overall Length	13.50 in
Frame Length	8.00 in	Shaft Diameter	0.625 in
Shaft Extension	2.57 in		
Outline Drawing	B129-S01	Connection Drawing	17536715.PCX

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AO Smith

Performance Down Project: 0443262 (High Speed)

Wednesday, August 04, 2004 04:43 AM



TRACKING #: 10027139
 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: 0443262A
 FRAME: 56C
 PHASES: 1
 HP: 1.50
 VOLTS: 230.0
 HERTZ: 60
 START CAP: 0.00
 RUN CAP: 25.00
 COMMENT3:

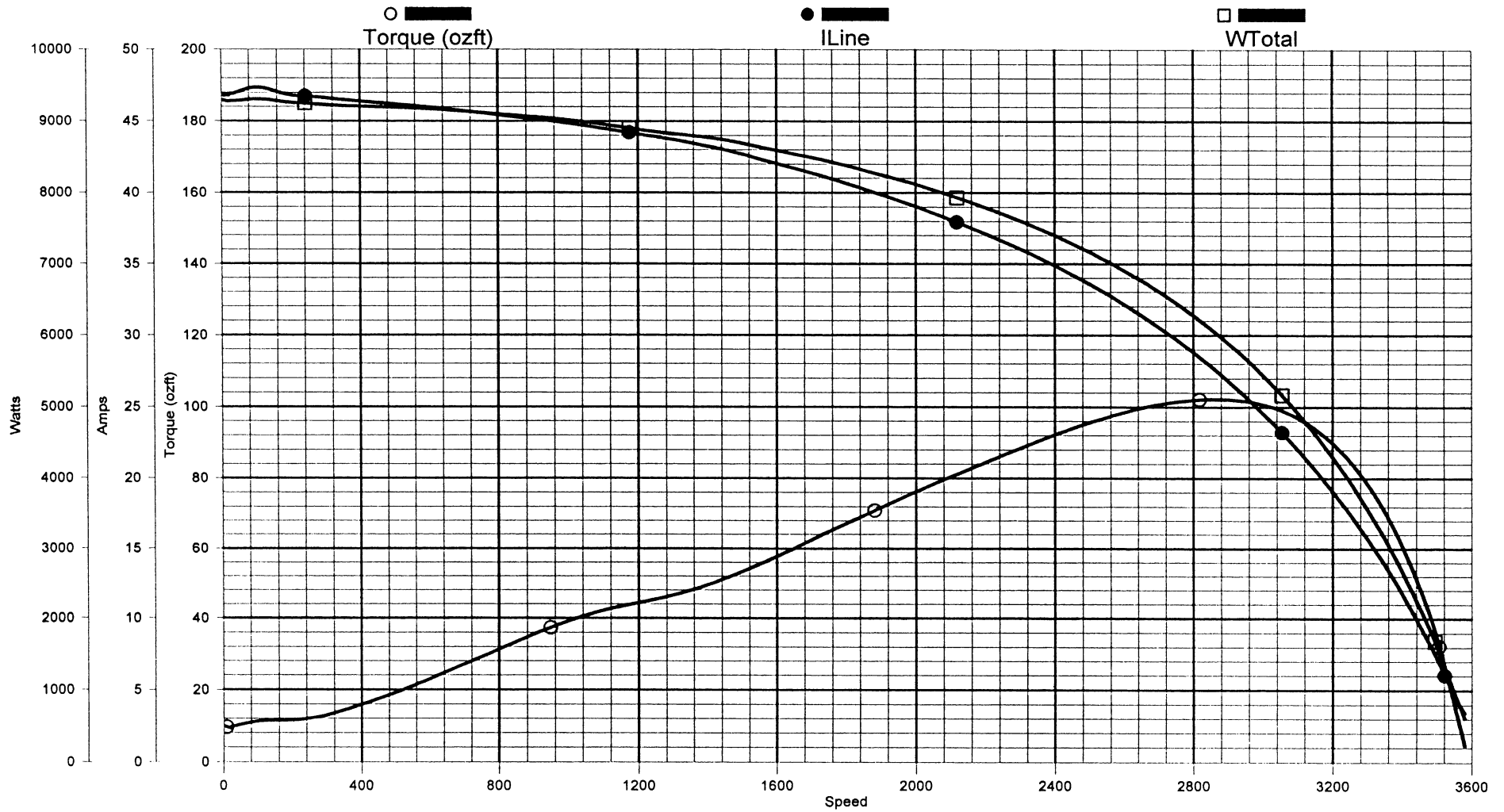
DESCRIPTION: OFFSET
 BDT: 115.83
 MT: 115.94
 SF: 46.80
 LRT: 0.00
 LRA: 0.00
 PUT: 0.00
 COMMENT1:
 COMMENT2:
 COMMENT4:

Breakdown TQ: 115.8 oz-ft
 Locked Rotor TQ: 12.4 oz-ft
 Locked Rotor Amps: 47.0 A
 Pull-up TQ: 10.0 oz-ft

AO Smith

Performance Up Project: 0443262 (High Speed)

Wednesday, August 04, 2004 05:06 AM



TRACKING #: 10027139
 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: 0443262A
 FRAME: 56C
 PHASES: 1
 HP: 1.50
 VOLTS: 230.0
 HERTZ: 60
 START CAP: 0.00
 RUN CAP: 25.00
 COMMENT3:

DESCRIPTION: 0-SYNC
 BDT: 102.19
 MT: 102.19
 SF: 46.80
 LRT: 9.90
 LRA: 46.82
 PUT: 9.24
 COMMENT1:
 COMMENT2:
 COMMENT4: