

PRODUCT INFORMATION PACKET



Model No: B122
Catalog No: B122
Pool Pump Motor, 1.0 HP, 1 Ph, 60 Hz, 230/115 V, 3600 RPM, M56C Frame, DP



Regal and Century are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2024 Regal Rexnord Corporation, All Rights Reserved. MC017097E





Nameplate Specifications

Phase	1	Output HP	1.0 Hp
Output KW	0.75 kW	Voltage	230/115 V
Speed	3450 rpm	Service Factor	1.4
Frame	M56C	Enclosure	Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	50 °C
Frequency	60 Hz	Current	SF 7.2/14.4 A
Duty	Continuous	Insulation Class	B
UL	Recognized	CSA	Y
Number of Speeds	1		

Technical Specifications

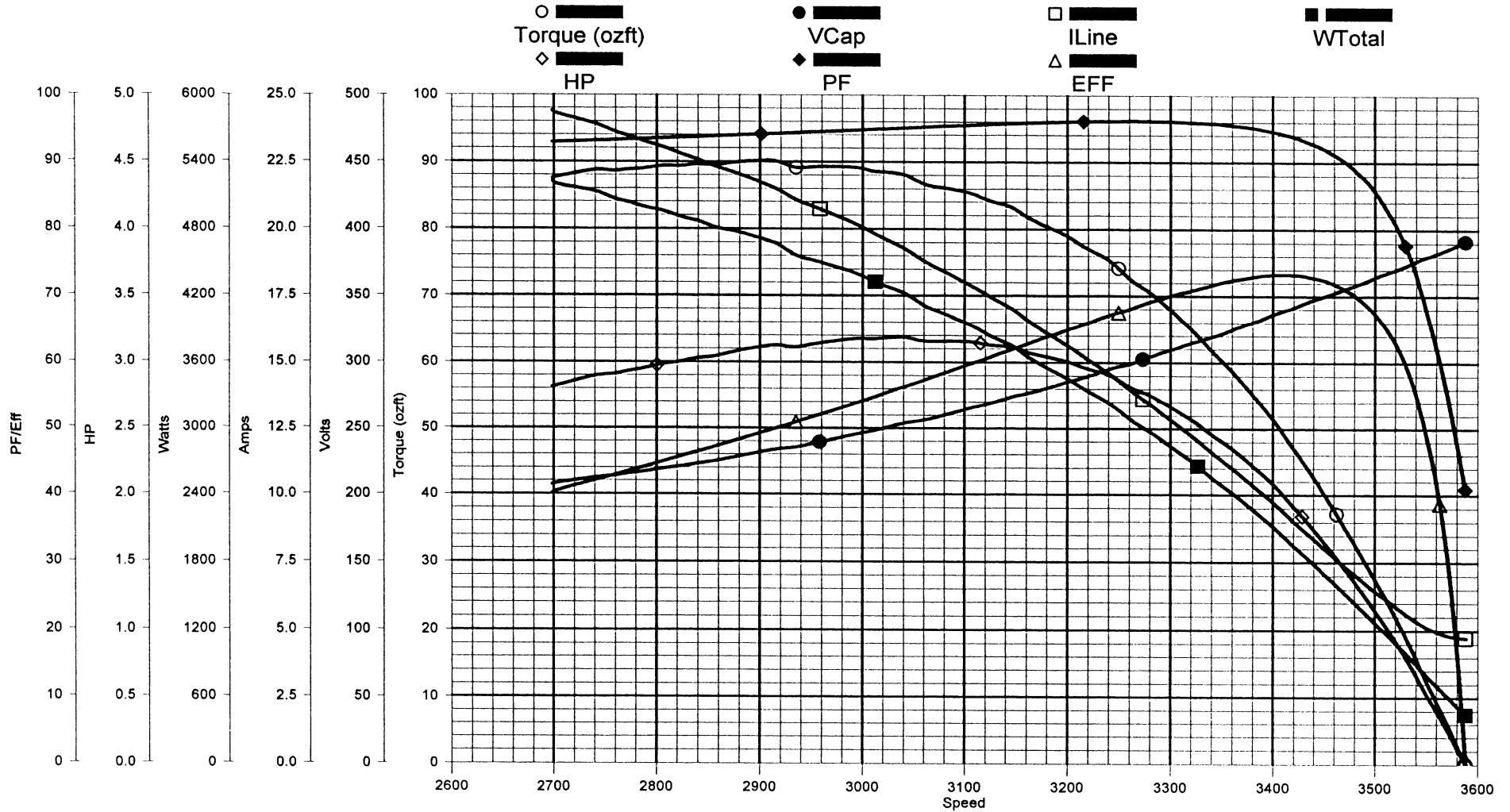
Electrical Type	Permanent Split Capacitor, Single Or Dual Voltage	Poles	2
Rotation	Counterclockwise Pump End	Mounting	C Face
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	5/8 KEYED	Overall Length	11.89 in
Frame Length	6.75 in	Shaft Diameter	0.625 in
Shaft Extension	2.07 in		
Outline Drawing	B122-S01	Connection Drawing	17536715.PCX

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:08/12/2024

AO Smith

Performance Down Project: 0443261 (High Speed)

Tuesday, August 03, 2004 06:27 PM



TRACKING #: 10027138
 SBU: Pump
 ENGINEER: RAY PHILLIPS
 TECHNICIAN: TODD
 BENCH: 2
 TORQUE CELL: 350 lb-in
 NP RPM: 3450
 # SPEEDS: 1
 MOTOR #: 1
 TYPE: CX

CUSTOMER: AOS
 MODEL: 0443261A
 FRAME: 56C
 PHASES: 1
 HP: 1.00
 VOLTS: 230.0
 HERTZ: 60
 START CAP: 0.00
 RUN CAP: 25.00
 COMMENT3:

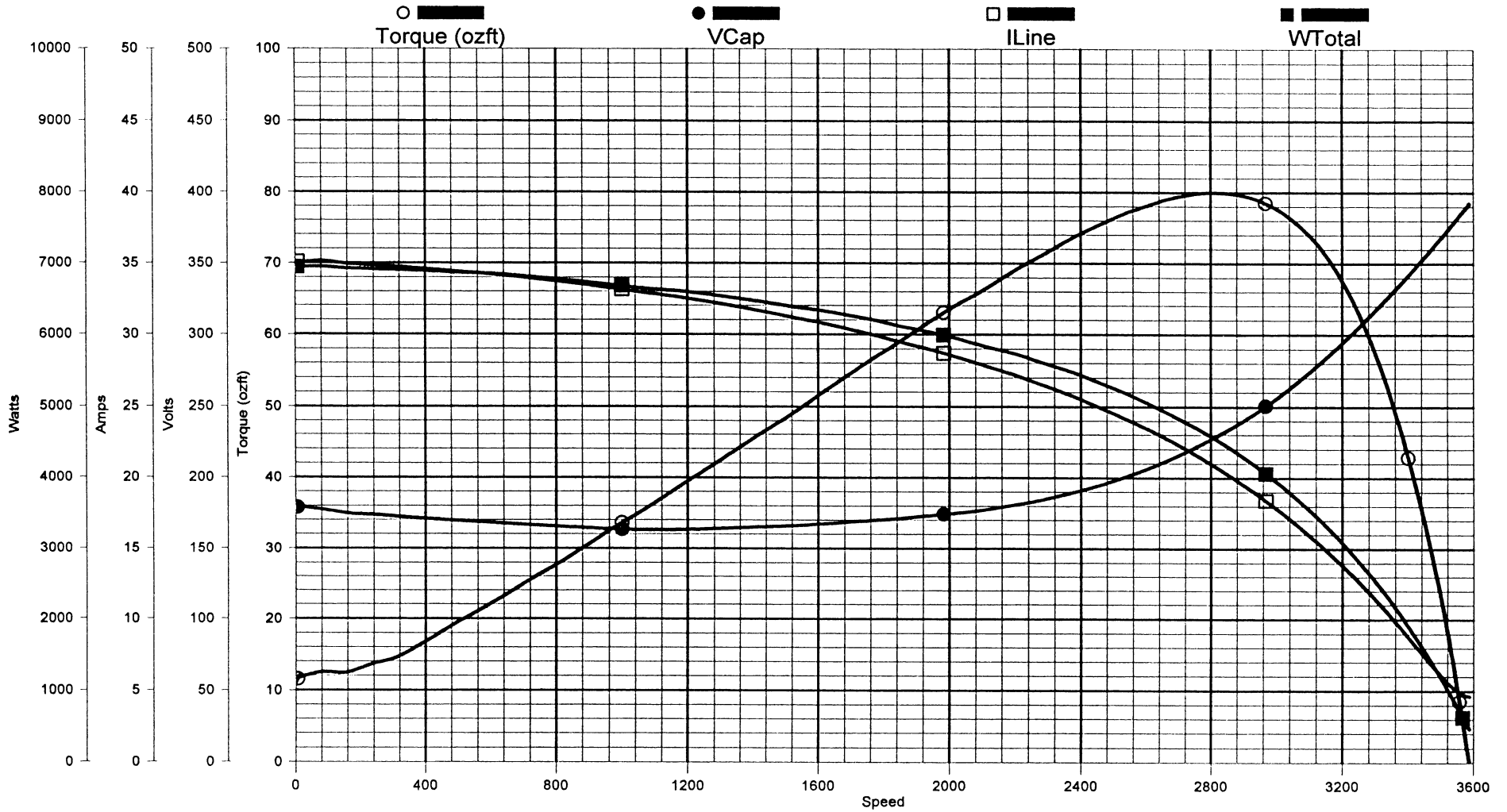
Breakdown TQ: 89.2 oz-ft
 Locked Rotor TQ: 12.0 oz-ft
 Locked Rotor Amps: 35.9A
 Pull-up TQ: 12.0 oz-ft

DESCRIPTION: OFFSET
 BDT: 89.24
 MT: 90.18
 SF: 33.60
 LRT: 0.00
 LRA: 0.00
 PUT: 0.00
 COMMENT1:
 COMMENT2:
 COMMENT4:

AO Smith

Performance Up Project: 0443261 (High Speed)

Tuesday, August 03, 2004 06:40 PM



TRACKING #: 10027138

SBU: Pump

ENGINEER: RAY PHILLIPS

TECHNICIAN: TODD

BENCH: 2

TORQUE CELL: 350 lb-in

NP RPM: 3450

SPEEDS: 1

MOTOR #: 1

TYPE: CX

CUSTOMER: AOS

MODEL: 0443261A

FRAME: 56C

PHASES: 1

HP: 1.00

VOLTS: 230.0

HERTZ: 60

START CAP: 0.00

RUN CAP: 25.00

COMMENT3:

DESCRIPTION: 0-SYNC

BDT: 79.98

MT: 79.98

SF: 33.60

LRT: 11.07

LRA: 35.09

PUT: 11.07

COMMENT1:

COMMENT2:

COMMENT4: