

PRODUCT INFORMATION PACKET



Model No: B974
Catalog No: B974
Pool Pump Motor, 1.0-.12 HP, 1 Ph, 60 Hz, 230 V, 3600 RPM, U56C Frame, DP



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Nameplate Specifications

Output HP	1.0-12 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	230 V
Current	SF 6.3/2.3 A	Speed	3450/1725 rpm
Service Factor	1.4	Phase	1
Duty	Continuous	Insulation Class	B
Frame	U56C	Enclosure	Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
Number of Speeds	2-2-VT		

Technical Specifications

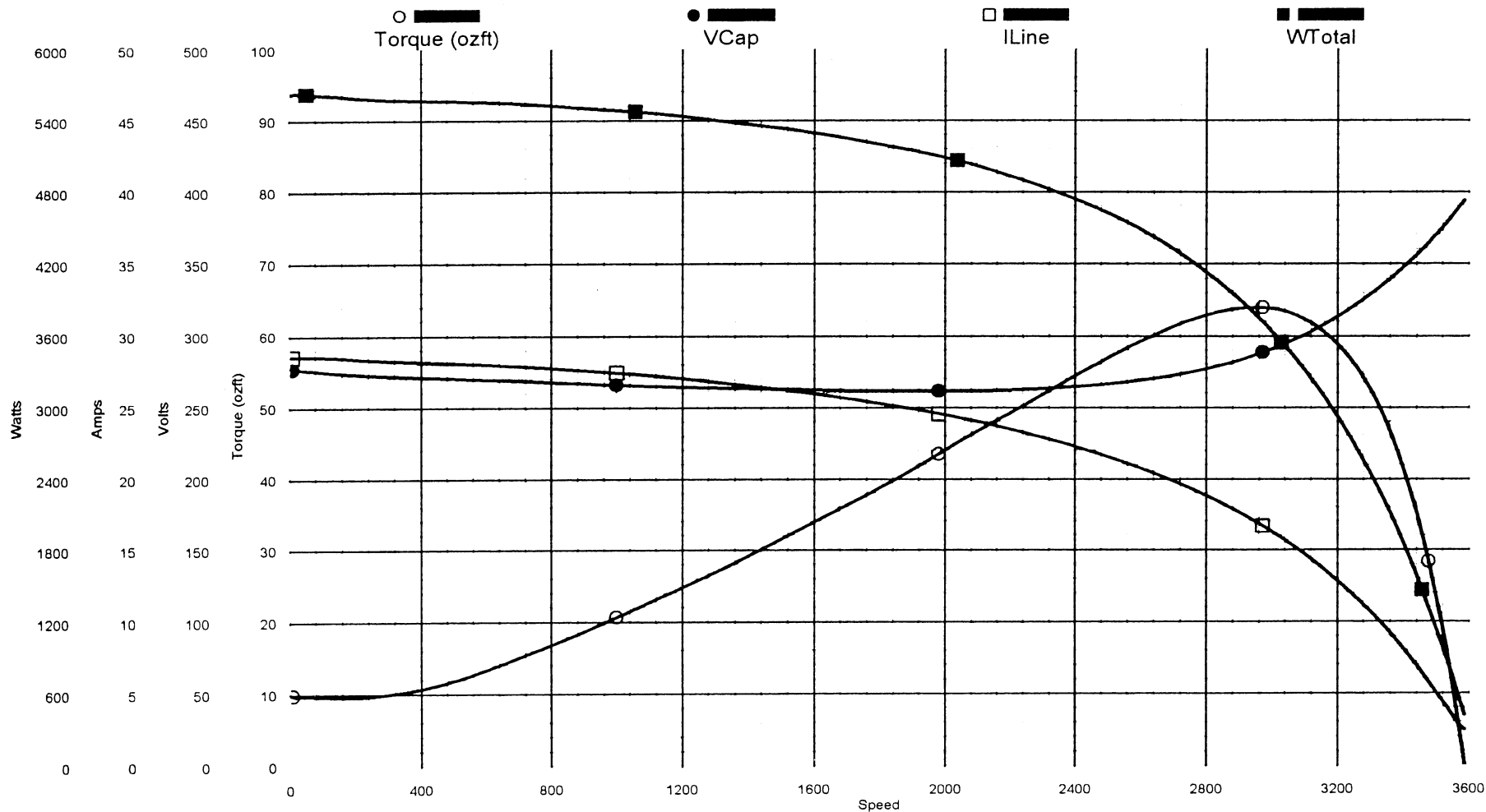
Electrical Type	Permanent Split Capacitor, High Speed; Split Phase, Low Speed	Poles	2/4
Rotation	Counterclockwise Pump End	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	5/8 Keyed	Overall Length	12.05 in
Frame Length	7.00 in	Shaft Diameter	0.625 in
Shaft Extension	2.07 in		
Outline Drawing	B974-S01	Connection Drawing	17888703.PCX

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AO Smith

Performance Up Project: 0444175 (High Speed)

Wednesday, September 08, 2004 07:47 AM



TRACKING #: 10028802
 SBU: Pump
 ENGINEER: JAMIE WATKINS
 TECHNICIAN: DAN
 BENCH: 2
 TORQUE CELL: 350 lb-in
 NP RPM: 3450
 # SPEEDS: 2
 MOTOR #: 1
 TYPE: CXPM

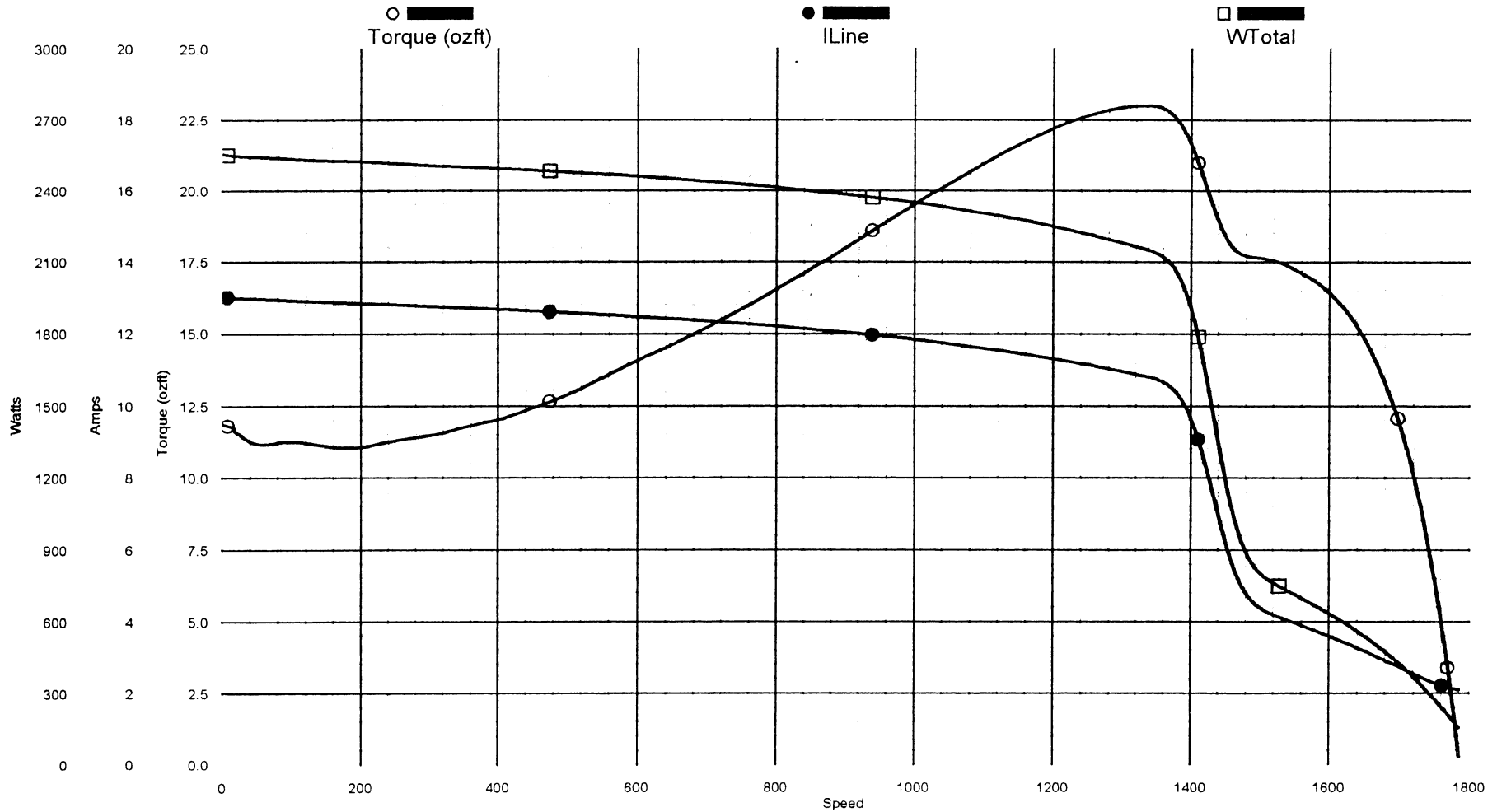
CUSTOMER: A. O. SMITH
 MODEL: 0444175A
 FRAME: U56J
 PHASES: 1
 HP: 1.00
 VOLTS: 230.0
 HERTZ: 60
 START CAP: 0.00
 RUN CAP: 25.00
 COMMENT3:

DESCRIPTION: 0-SYNC
 BDT: 63.99
 MT: 63.99
 SF: 33.60
 LRT: 9.93
 LRA: 28.54
 PUT: 9.59
 COMMENT1:
 COMMENT2:
 COMMENT4:

AO Smith

Performance Up Project: 0444175 (Low Speed)

Wednesday, September 08, 2004 08:36 AM



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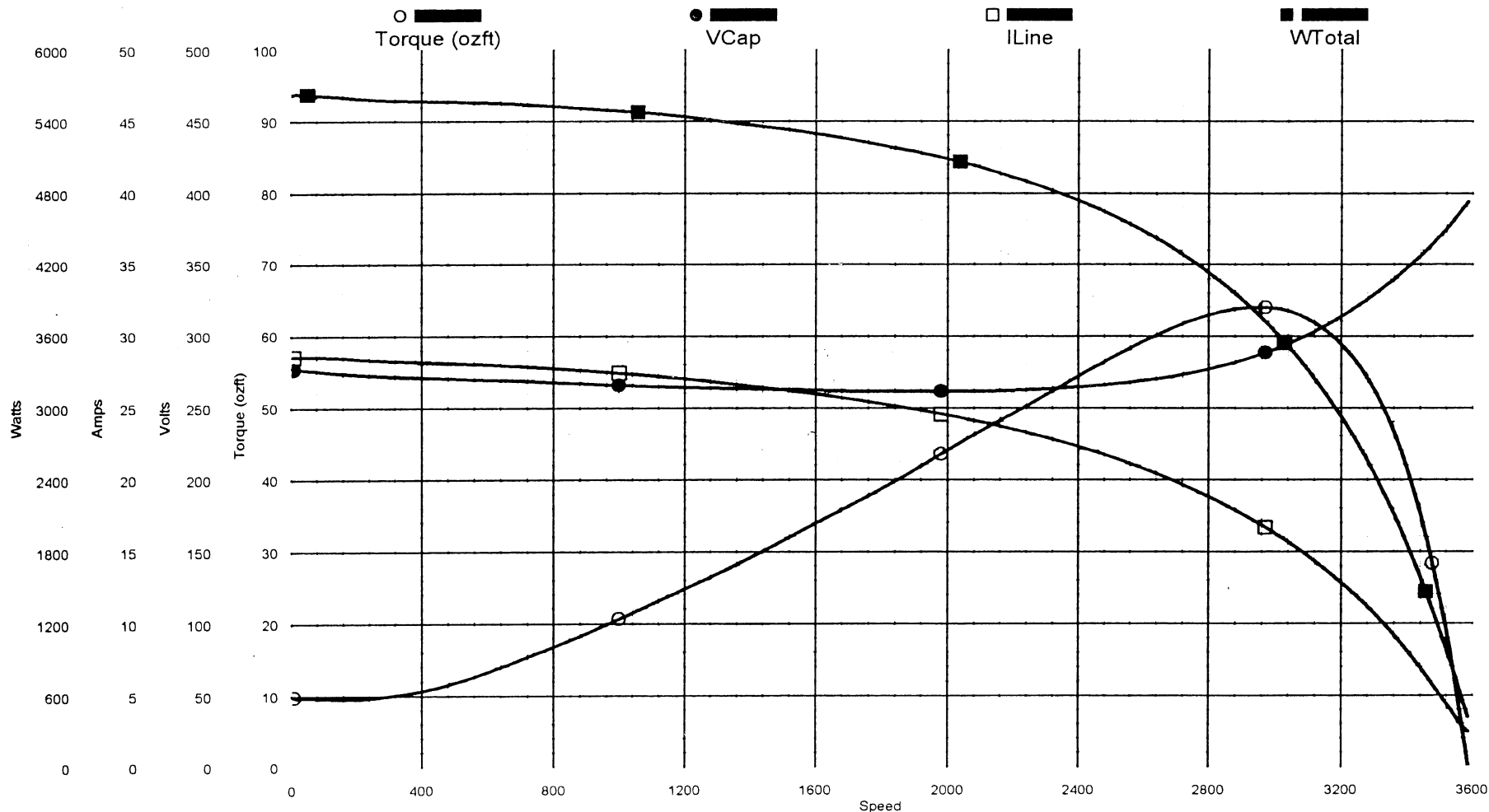
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DESCRIPTION: 0-SYNC
 BDT: 23.01
 MT: 23.01
 SF: 16.80
 LRT: 11.85
 LRA: 13.02
 PUT: 11.04
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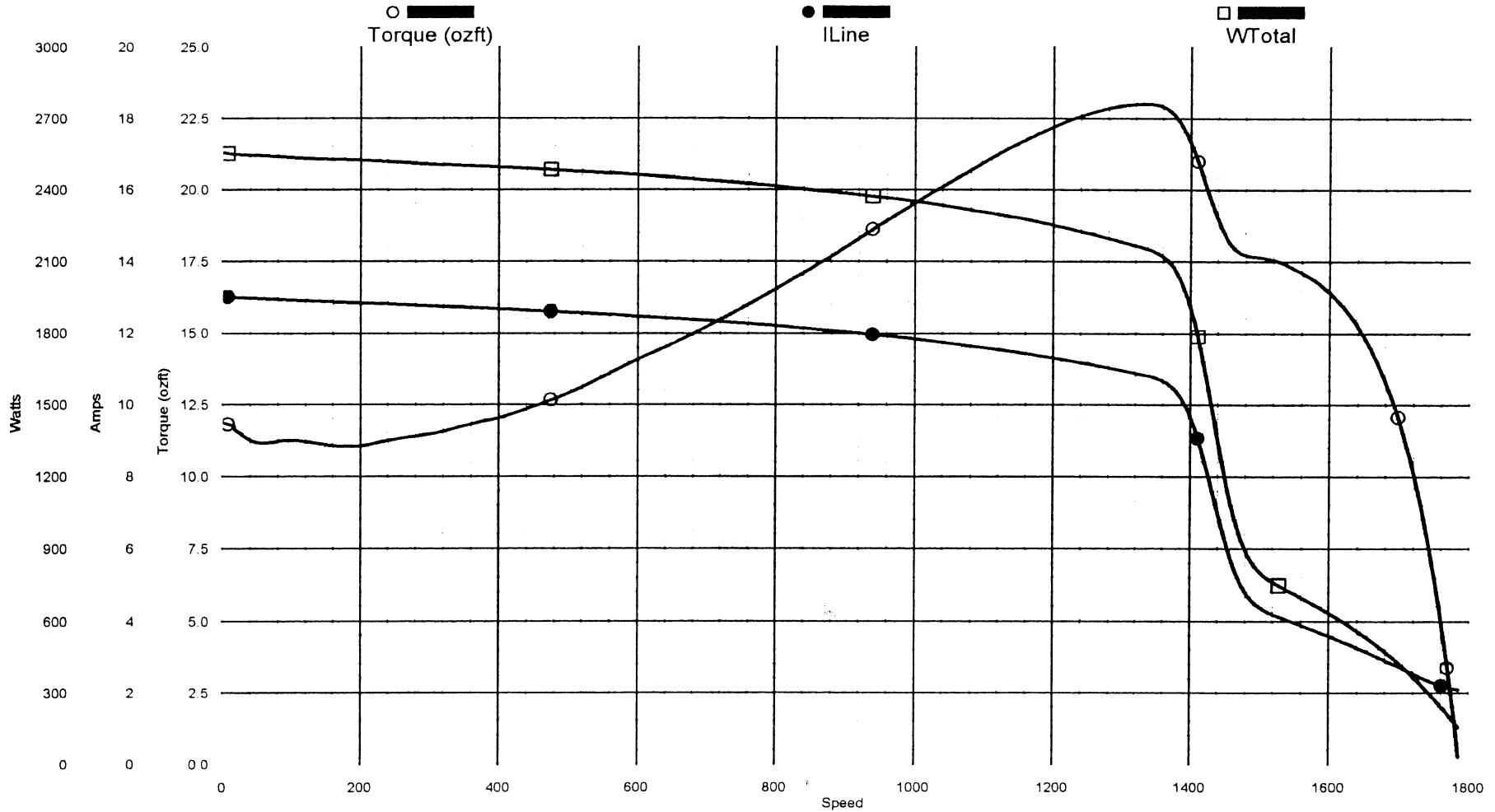
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