

PRODUCT INFORMATION PACKET



Model No: H567

Catalog No: H567

Condenser Fan Motor, 3/4 HP, 3 Ph, 60 Hz, 460/200-230 V, 1200 RPM, L56Y Frame, OPEN



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Nameplate Specifications

Output HP	3/4 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	460/200-230 V
Current	1.5/2.8-3.0 A	Speed	1140 rpm
Service Factor	1	Phase	3
Duty	Continuous Air Over	Insulation Class	B
Frame	L56Y	Enclosure	Open Enclosed
Thermal Protection	Thermally Protected	Ambient Temperature	60 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Polyphase, Induction Type, Single Or Dual Voltage	Starting Method	Across The Line
Poles	6	Rotation	Reversible Clockwise
Mounting	Round Belly Band	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	16.37 in
Frame Length	6.25 in	Shaft Diameter	0.625 in
Shaft Extension	6.06 in		
Connection Drawing	17564810.PCX	Outline Drawing	H567-S01

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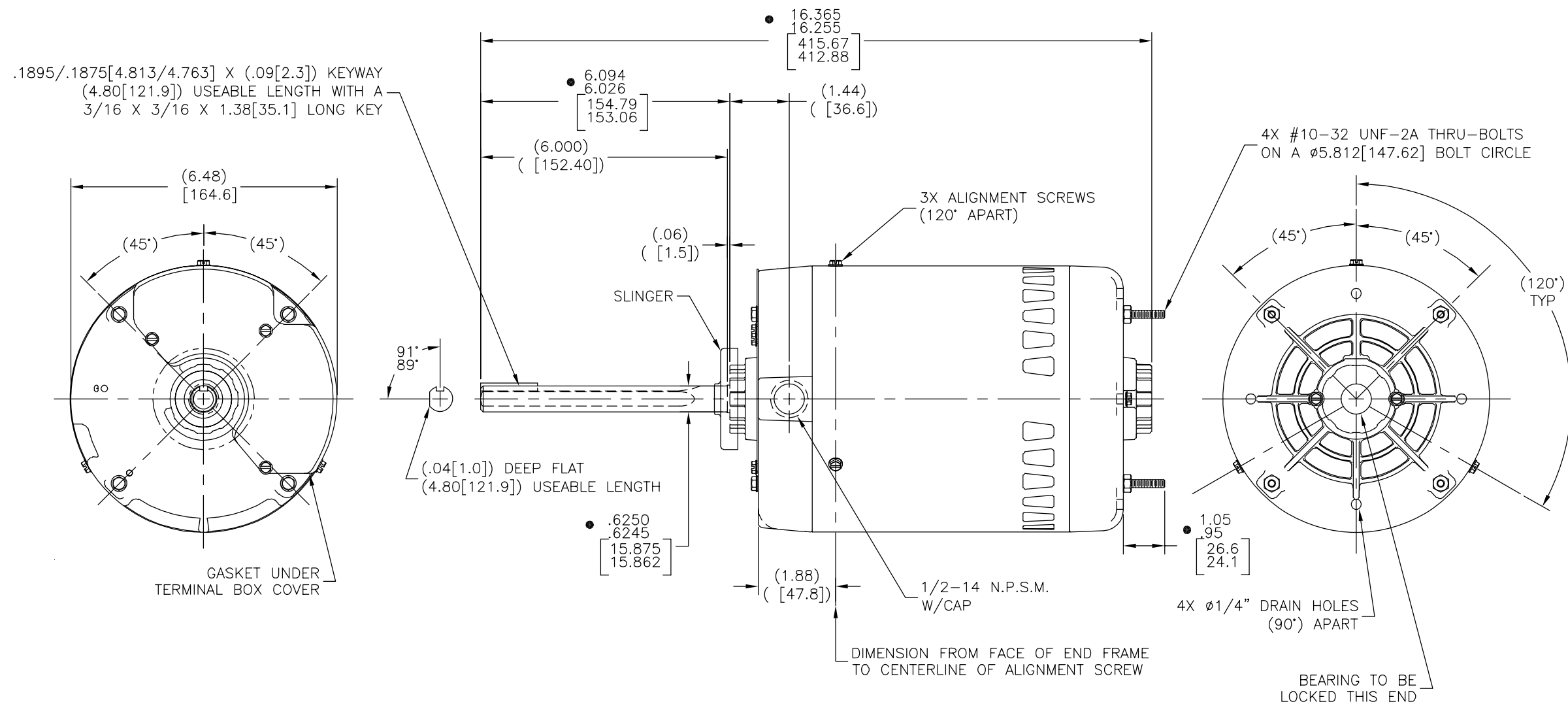
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FORM	FRAME	TYPE
KXX	L56Y	SC

REV	ECO	REV BY	DATE	APPD	DATE
K	ECO-0031791	W.WATKINS	04-16-2013	J.COX	04-16-2013



● = CRITICAL DIM.

GEOMETRIC CHARACTERISTICS & SYMBOLS
□ FLATNESS
— STRAIGHTNESS
∠ ANGULARITY
⊥ PERPENDICULARITY (SQUARENESS)
// PARALLELISM
○ ROUNDNESS (CIRCULARITY)
⊘ CYLINDRICITY
△ PROFILE OF ANY SURFACE
⌒ PROFILE OF ANY LINE
⌀ RUNOUT
⊕ TRUE POSITION
◎ CONCENTRICITY
≡ SYMMETRY

ASME Y14.5M 1994

UNLESS OTHERWISE SPECIFIED
DIM. TOLERANCES ARE AS FOLLOWS:
INCH X XX XXX XXXX
mm ±0.1 ±0.02 ±0.005 ±0.0005
mm ±0.5 ±0.13 ±0.013
ANG. ±.50 DEG
REMOVE BURRS & BREAK SHARP EDGES:
INCH .003-.015 mm 0.1-0.4
CORNER FILLETS TO:
INCH .020 mm 0.5
MACHINE SURFACES:
INCH 125 mm 3.2
METRIC DIMS. SHOWN IN [BRACKETS]

DR BY:

APPD:

THIRD ANGLE PROJECTION

EDS DATE 11-11-2011
FORMAT REV H

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REGAL**REGAL-BELOIT CORPORATION**

DESCRIPTION

MODEL-CFHP-56FR
OUTLINE

SIZE

C

DWG NO

H567

SCALE NONE

SHEET 1

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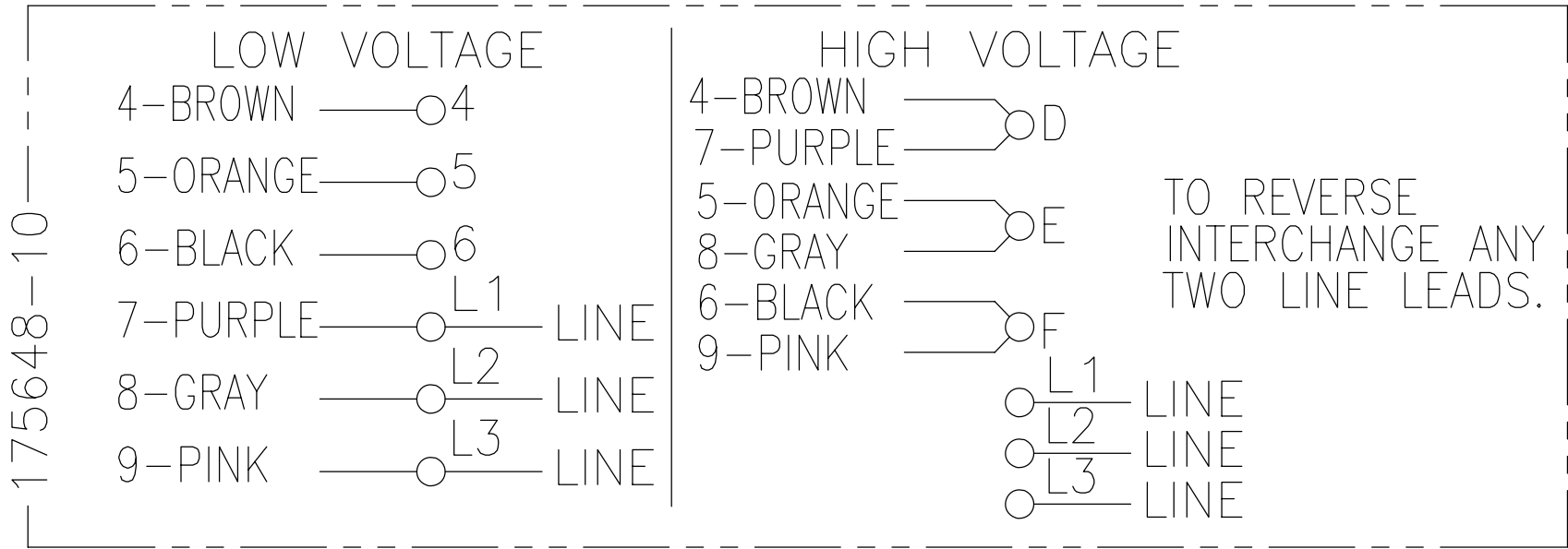
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REV	ECO	REV BY	DATE	APPD	DATE
C	ECO-0027036	J. COX	11-19-2012	C. McREYNOLDS	11-19-2012

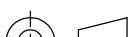
B



B

- NOTES:
- 1. DOTTED BOX REPRESENTS TOTAL PRINTED AREA ALLOWED FOR CONNECTION DIAGRAM TO FIT IN (2.13 X .75) [(541.0 X 19.1)]. SEE NAMEPLATE DRAWING 170500 OR 170501 FOR LOCATION.
 - 2. CHARACTERS ARE TO BE A MINIMUM OF .03[.8] TO .06[1.5] MAXIMUM IN HEIGHT.
 - 3. DETAIL ARE NOT TO BE COPIED FROM DRAWING, BUT ARE TO BE REPRODUCED FROM ORIGINAL ARTWORK FURNISHED.

A

GEOMETRIC CHARACTERISTICS & SYMBOLS ▮ FLATNESS — STRAIGHTNESS ∠ ANGULARITY ⊥ PERPENDICULARITY (SQUARENESS) // PARALLELISM ○ ROUNDNESS (CIRCULARITY) ⊘ CYLINDRICITY △ PROFILE OF ANY SURFACE ⌒ PROFILE OF ANY LINE ↗ RUNOUT ⊕ TRUE POSITION ◎ CONCENTRICITY ≡ SYMMETRY ASME Y14.5M 1994	UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS: INCH X XX XXX XXXX mm ±.1 ±.02 ±.005 ±.0005 mm ±0.5 ±0.13 ±0.013 ANG. ±.50 DEG REMOVE BURRS & BREAK SHARP EDGES: INCH .003-.015 mm 0.1-0.4 CORNER FILLETS TO: INCH .020 mm 0.5 MACHINE SURFACES: INCH 125 mm 3.2 METRIC DIMS. SHOWN IN [BRACKETS]	DR BY:	PLM	02-17-1989	REGAL REGAL-BELOIT CORPORATION					
		APPD:	MH	02-21-1989	DESCRIPTION CONN DIAGRAM-NAMEPLATE					
		THIRD ANGLE PROJECTION 		EDS DATE 11-11-2011				FORMAT REV H		
		CONFIDENTIAL: THIS DRAWING AND ITS INFORMATION ARE THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF REGAL-BELOIT CORPORATION AND ARE NOT TO BE DISCLOSED, DUPLICATED, DISTRIBUTED OR OTHERWISE USED WITHOUT THE WRITTEN CONSENT OF REGAL-BELOIT CORPORATION. -ALL RIGHTS RESERVED.					SIZE	B	DWG NO	17564810
							SCALE	NONE		SHEET 1

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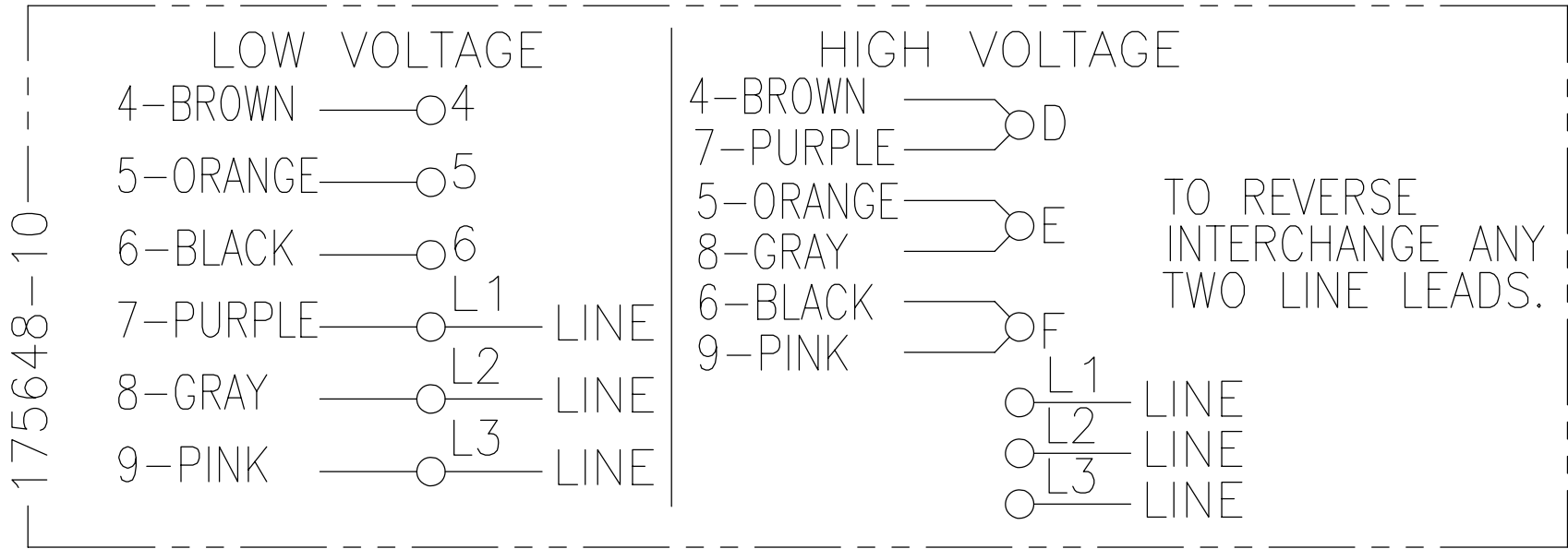
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REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
C	ECO-0027036	J. COX	11-19-2012	C. McREYNOLDS	11-19-2012



- NOTAS:
1. LA CAJA PUNTEADA REPRESENTA EL AREA TOTAL DE IMPRESION PERMITIDA PARA EL DIAGRAMA DE CONEXION AJUSTADO EN (2.13 X .75) [(541.0 X 19.1)]. VER LA PLACA DE DATOS EN EL DIBUJO 170500 O 170501 PARA UBICACION.
 2. CARACTERES DEBEN ESTAR A UNA ALTURA MINIMA DE .03[.8] A UNA MAXIMA DE .06[1.5].
 3. LOS DETALLES NO SERAN COPIADOS AL DIBUJO, PERO DEBEN SER PRODUCIDOS DESDE EL BOCETO ORIGINAL PROPORCIONADO.

CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS
∇ PLANICIDAD
— RECTITUD
∠ ANGULARIDAD
⊥ PERPENDICULARIDAD (A ESCUADRA)
// PARALELISMO
○ REDONDEZ (CIRCULARIDAD)
⌀ CILINDRICIDAD
△ PERFIL DE CUALQUIER SUPERFICIE
⌒ PERFIL DE CUALQUIER LINEA
↗ VARIACION
⊕ POSICION REAL
⊙ CONCENTRICIDAD
≡ SIMETRIA

ASME Y14.5M 1994

A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS; SON LAS SIGUIENTES:
PULG ^X ±.1 ^{XX} ±.02 ^{XXX} ±.005 ^{XXXX} ±.0005
mm ±0.5 ±0.13 ±0.013
ANG. ±.50 GRADOS
ELIMINAR REBABAS Y ORILLAS FILOSAS DEL BORDE.
PULG .003-.015 mm 0.1-0.4
FILETEAR ESQUINA: PULG .020 mm 0.5
MAQUINAR SUPERFICIES
PULG 125 mm 3.2
DIMS METRICAS MOSTRADAS [PARENTESIS]

DIBUJADO POR: PLM	02-17-1989
APROBADO POR: MH	02-21-1989
TERCER ANGULO DE PROYECCION	FECHA EDS: 11-11-2011 REV. FORMATO: H
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REGAL REGAL-BELOIT CORPORATION	
DESCRIPCION: CONN DIAGRAM-NAMEPLATE	
TAMAÑO: B	NUMERO DE DIBUJO: 17564810
ESCALA:NONE	HOJA: 1

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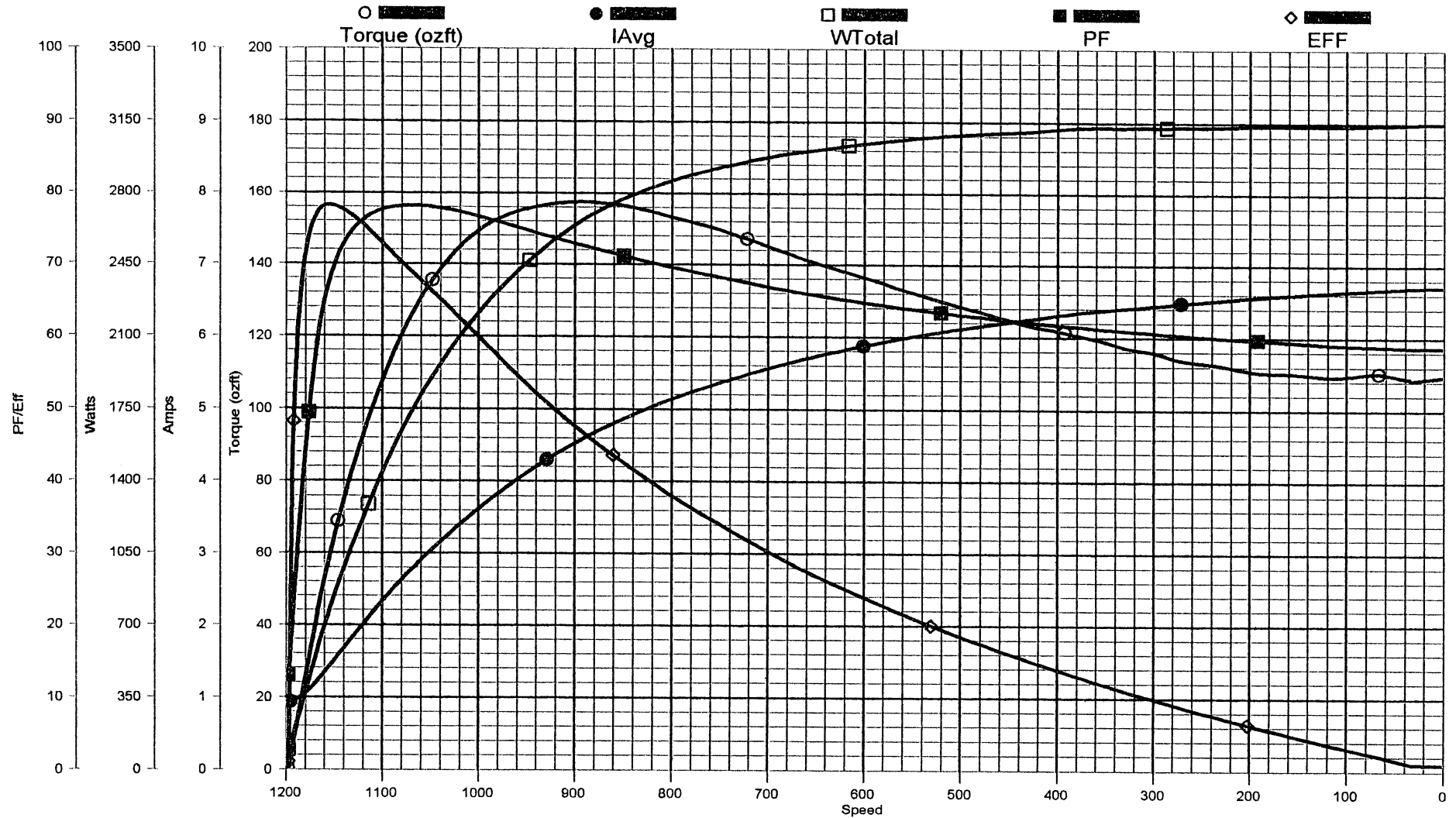
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AO Smith

H 567V

Performance Down Project: 0500886 (High Speed)

Wednesday, November 09, 2005 02:24 AM



TRACKING #: 10042870

SBU: Heating & Air Cond

ENGINEER: DAVE WOOD

TECHNICIAN: DAN THOMPSON

TORQUE CELL: 500-1 inlb

NP RPM: 1140

SPEEDS: 1

MOTOR #: 1

COMMENT 2:

CUSTOMER: DISTRIBUTION

MODEL: 0500886A

FRAME: 56Y

PHASES: 3

VOLTS: 460.0

HERTZ: 60

RUN CAP: 0.00

COMMENT 1:

COMMENT 3:

DESCRIPTION: SYNC-0

TYPE: SC

BENCH: 2

HP: 0.75

ROTATION: CW

BDT: 157.44

LRA: 6.71

LRT: 109.46

COMMENT 4: