

BALDOR® • RELIANCE

Product Information Packet

ZDM3665T

5HP,1750RPM,3PH,60HZ,184TC,0640M,TEBC,F1

Part Detail							
Revision:	W	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	0640M	Elec. Spec:	06WGW352	CD Diagram:	CD0005
Enclosure:	TEBC	Mfg Plant:		Mech. Spec:	06F552	Layout:	06LYF552
Frame:	184TC	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	R	Insulation:	H	Eff. Date:	09-20-2013
Leads:	9#16					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1167L									
CAT NO	ZDM3665T								
SPEC.	06F552W352Z1								
FRAME	184TC	HP	5 TE						
VOLTS	230/460								
MAG CUR	6.8/3.4	FLA	13/6.5						
RPM	1750	RPM MAX	6000						
HZ	60	PH	3	CLASS		H			
SER.F.	1.00	DES	B	SL HZ		1.7			
NEMA-NOM-EFF	90.2	WK2	0.37						
BLWR V	115	PH	1	HZ		60	A	.26	
RATING	40C AMB-CONT								
DE BRG	6206	ODE BRG	6205						
CC		SN							

Parts List		
Part Number	Description	Quantity
SA056378	SA 06F552W352Z1	1.000 EA
RA050934	RA 06F552W352Z1	1.000 EA
HW3201A05	3/8-16 EYEBOLT	1.000 EA
06CB3000	BALDOR CONDUIT BOX CAST	1.000 EA
06GS1000	GASKET,CONDUIT BOX	1.000 EA
51XW2520A12	SCREW, HEX SER SLT HD, ZN, 1/4-20 X .75	2.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
36EP1101B41	FR TEBC 205 BRG W/ GRSR & THRU-SHAFT ENC	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP1300A01SP	PU ENDPLATE, MACH	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
10XN2520A26	1/4-20X 1 5/8 HEX HD	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
HA3101A34	THRUBOLT- 1/4-20 X 10.375	4.000 EA
10XN2520A08	1/4-20X1/2 HEX HEAD CAP	1.000 EA
HA3218A05	M/FE STANDOFF UNIC#SX1043.25-20 .38 HEX	3.000 EA
10XN2520A06	1/4 20X3/8 HX HD CAP	3.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	3.000 EA
06CB3500	BALDOR CONDUIT BOX LID	1.000 EA
06GS1001	BALDOR CONDUIT BOX GASKET	1.000 EA
HA1005A03SP	SLINGER, OD 1.750, ID .938, 205 BRG	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW2501E16	3KEY, 1/4 SQ X 1.750	1.000 EA
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000 EA
MJ5004A05	#242-21 LOCTITE GENERAL PURPOSE MED. STR	0.005 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
LB1009N	LABEL,ROTATION DIRECTION (ON ROLLS)	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
06FH5001A01	BLOWER ASSY. 06FH4001, EF0001	1.000 EA
MG1000G27	MED CHARCOAL METALLIC GREY	0.028 GA
LC0035B01	1PH, SV, FIX, 2 LEAD	1.000 EA
OE5011A04	HS25 ENCODER ASSY - TEBC	1.000 EA
LB1119N	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0145B01	CONNECTION LABEL	1.000 EA
NP1167L	SS VEC UL CSA CC	1.000 EA
G0PA1000	SPCL PACKAGING	1.000 EA
LB1506	LABEL "AMERICAN MADE" 1.50 X 1.00	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA

AC Induction Motor Performance Data

Page 1 of 1



AC Induction Motor Performance Data
 Record # 20655
 Typical performance - not guaranteed values

Winding: 06WGW352	Type: 0640M	Enclosure: TEFC
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Nameplate Data			General Characteristics at 460 V, 60 Hz: High Volt Connection				
Rated Output (HP)	5		Full Load Torque	15 LB-FT			
Volts	230/460		Start Configuration	DOL			
Full Load Amps	13/6.5		Break Down Torque	50 LB-FT			
R.P.M.	1750		Pull-Up Torque	30 LB-FT			
Hz	60	Phase	Locked-rotor Torque	32 LB-FT			
NEMA Design Code	B	KVA Code	Starting Current	48 Amps			
Service Factor	1.00		No-load Current	3.4 Amps			
NEMA Nom. Eff.	90.2	P.F.	Line-line Res. @ 25°C.	2.61 Ohms			
Rating - Duty	40C AMB-CONT		Temp. Rise @ Rated Load	47°C			
S.F. Amps			Temp. Rise @ S.F. Load				

Load Characteristics at 460 Volts, 60 Hz, 5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	39	61	75	82	86	88	
Efficiency	84.1	89.4	90.4	90.2	89.4	88.3	
Speed	1789	1778	1767	1755	1742	1729	
Line Amperes	3.6	4.3	5.2	6.4	7.2	9	

Baldor Electric Company Fort Smith, Arkansas







