



Customer information packet

EWDM3607T

1.5HP, 1165RPM, 3PH, 60HZ, 182T, TEFC, F1

Part detail

Revision	C
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	36WGS916
Layout	36LYK186
Eff. date	11-20-2025
CD Diagram	CD0005
Poles	06
Leads	9#16
Proprietary	False
Created date	01-06-2020

Nameplate

NP1669L											
CAT.NO.	EWD3607T										
SPEC.	36-0000-0263										
HP	1.5										
VOLTS	230/460										
AMP	4.8/2.4										
RPM	1165										
FRAME	182T		HZ	60			PH	3			
SER.F.	1.15	CODE	K	DES	B		CLASS	F			
NEMA-NOM-EFF	87.5	PF	67								
RATING	40C AMB-CONT										
CC	010A										
DE	6206		ODE	6205							
ENCL	TEFC	SN									
BLANK	20:1CT, 20:1VT, 1.00SF										

AC Induction Motor Performance Data

Record # 49238

Typical performance - not guaranteed values

Winding: 36WGS916-R017			Type: 3632M		Enclosure: TEFC		
Nameplate Data			460 V, 60 Hz: High Voltage Connection				
Rated Output (HP)		1.5	Full Load Torque		6.85 LB-FT		
Volts		230/460	Start Configuration		direct on line		
Full Load Amps		4.8/2.4	Breakdown Torque		23.8 LB-FT		
R.P.M.		1165	Pull-up Torque		12.5 LB-FT		
Hz	60	Phase	3	Locked-rotor Torque		15.3 LB-FT	
NEMA Design Code		B	KVA Code	K	Starting Current		15.8 A
Service Factor (S.F.)		1.15	No-load Current		1.47 A		
NEMA Nom. Eff.		87.5	Power Factor	67	Line-line Res. @ 25°C		7.12 Ω
Rating - Duty		40C	AMB-CONT		Temp. Rise @ Rated Load		34°C
S.F. Amps					Temp. Rise @ S.F. Load		40°C
					Locked-rotor Power Factor		30.1
					Rotor inertia		0.301 LB-FT2

Load Characteristics 460 V, 60 Hz, 1.5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	30	48	59	67	71	74	69
Efficiency	79.3	86.1	87.8	87.5	86.6	85.5	87
Speed	1192	1185	1177	1168	1158	1148	1162
Line amperes	1.57	1.77	2.07	2.42	2.88	3.36	2.7

ABB Motors and Mechanical Inc.

WINDING # 36WGS916

Typical performance - not guaranteed values.

1.5 HP 3 PH 60 HZ 1165 RPM 460 V 3632M

TORQUES (LB-FT): PO=23.8 PU=12.5 LR=15.3 LRA=15.8





