



Product Information Packet

CEWDM3611T

3HP,1760RPM,3PH,60HZ,182TC,3632M,TEFC,F1

Part Detail							
Revision:	V	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	36WGS266	CD Diagram:	CD0005	Mfg Plant:	
Mech. Spec:	36K190	Layout:	36LYK190	Poles:	04	Created Date:	06-29-2011
Base:	RG	Eff. Date:	12-07-2020	Leads:	9#16		

Specs			
Catalog Number:	CEWDM3611T	Front Shaft Indicator:	None
Enclosure:	TEFC	Heater Indicator:	No Heater
Frame:	182TC	Insulation Class:	F
Frame Material:	Steel	Inverter Code:	Inverter Ready
Motor Letter Type:	Three Phase	KVA Code:	K
Output @ Frequency:	3.000 HP @ 60 HZ	Lifting Lugs:	No Lifting Lugs
Synchronous Speed @ Frequency:	1800 RPM @ 60 HZ	Locked Bearing Indicator:	Locked Bearing
Voltage @ Frequency:	230.0 V @ 60 HZ	Motor Lead Quantity/Wire Size:	9 @ 16 AWG
	460.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
XP Class and Group:	None	Motor Type:	3632M
XP Division:	Not Applicable	Mounting Arrangement:	F1
Agency Approvals:	UR	Power Factor:	75
	CSA EEV	Product Family:	Wash Down
	CSA	Pulley End Bearing Type:	Ball
Auxillary Box:	No Auxillary Box	Pulley Face Code:	C-Face
Auxillary Box Lead Termination:	None	Pulley Shaft Indicator:	Standard
Base Indicator:	Rigid	Rodent Screen:	None
Bearing Grease Type:	Polyrex EM (-20F +300F)	Shaft Ground Indicator:	No Shaft Grounding

Blower:	None	Shaft Rotation:	Reversible
Current @ Voltage:	4.200 A @ 460.0 V	Shaft Slinger Indicator:	No Slinger
	8.400 A @ 230.0 V	Speed Code:	Single Speed
	9.000 A @ 208.0 V	Motor Standards:	NEMA
Design Code:	B	Starting Method:	Direct on line
Drip Cover:	No Drip Cover	Thermal Device - Bearing:	None
Duty Rating:	CONT	Thermal Device - Winding:	None
Electrically Isolated Bearing:	Not Electrically Isolated	Vibration Sensor Indicator:	No Vibration Sensor
Feedback Device:	NO FEEDBACK	Winding Thermal 1:	None
		Winding Thermal 2:	None

Nameplate NP1669L

CAT.NO.	CEWDM3611T														
SPEC.	36K190S266G1														
HP	3														
VOLTS	230/460														
AMP	8.4/4.2														
RPM	1760														
FRAME	182TC						HZ		60			PH	3		
SER.F.	1.15					CODE	K		DES		B		CLASS	F	
NEMA-NOM-EFF	89.5						PF	75							
RATING	40C AMB-CONT														
CC	010A						USABLE AT 208V						9		
DE	6206						ODE		6205						
ENCL	TEFC					SN									
BLANK	20:1CT, 20:1VT														

AC Induction Motor Performance Data

Record # 53364

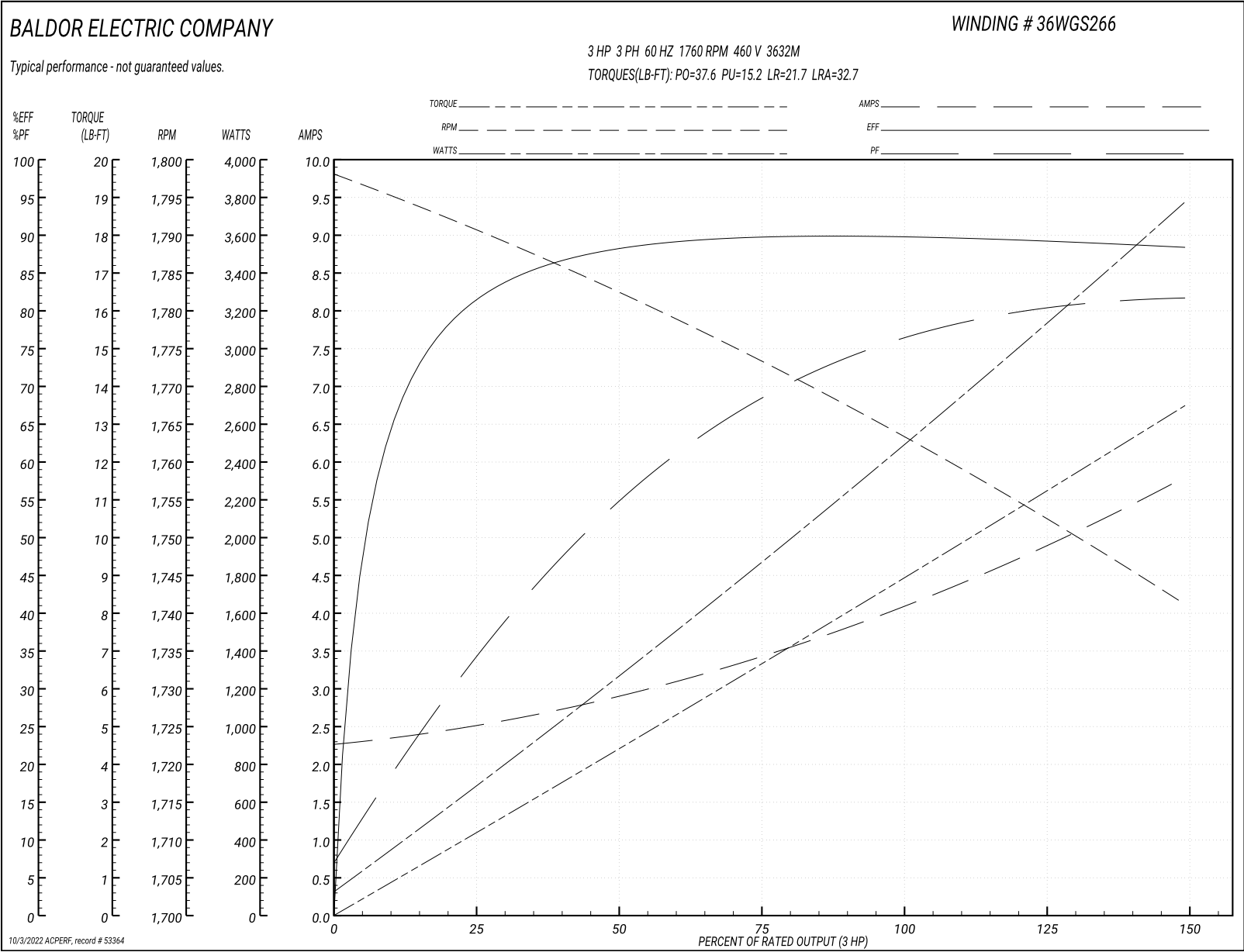
Typical performance - not guaranteed values

Winding: 36WGS266-R006			Type: 3632M	Enclosure: TEFC			
Nameplate Data			460 V, 60 Hz: High Voltage Connection				
Rated Output (HP)		3	Full Load Torque		8.8 LB-FT		
Volts		230/460	Start Configuration		direct on line		
Full Load Amps		8.4/4.2	Breakdown Torque		37.6 LB-FT		
R.P.M.		1760	Pull-up Torque		15.2 LB-FT		
Hz	60	Phase	3	Locked-rotor Torque		21.7 LB-FT	
NEMA Design Code		B	KVA Code	K	Starting Current		32.7 A
Service Factor (S.F.)		1.15	No-load Current		2.3 A		
NEMA Nom. Eff.		89.5	Power Factor	75	Line-line Res. @ 25°C		3.81 Ω
Rating - Duty		40C	AMB-CONT		Temp. Rise @ Rated Load		44°C
S.F. Amps					Temp. Rise @ S.F. Load		52°C
					Locked-rotor Power Factor		42.2
					Rotor inertia		0.298 LB-FT2

Load Characteristics 460 V, 60 Hz, 3 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	35	55	68	75	80	82	77
Efficiency	81.1	87.8	89.6	89.8	89.7	88.2	89.2
Speed	1791	1783	1773	1764	1753	1741	1754
Line amperes	2.47	2.85	3.43	4.09	4.89	5.78	4.63

Performance Graph at 460V, 60Hz, 3.0HP Typical performance - Not guaranteed values



AC Induction Motor Performance Data

Record # 57957

Typical performance - not guaranteed values

Winding: 36WGS266-R006			Type: 3632M	Enclosure: TEFC			
Nameplate Data			230 V, 60 Hz: Low Voltage Connection				
Rated Output (HP)		3	Full Load Torque		8.8 LB-FT		
Volts		230/460	Start Configuration		direct on line		
Full Load Amps		8.4/4.2	Breakdown Torque		37.6 LB-FT		
R.P.M.		1760	Pull-up Torque		15.2 LB-FT		
Hz	60	Phase	3	Locked-rotor Torque		21.7 LB-FT	
NEMA Design Code		B	KVA Code	K	Starting Current		65.4 A
Service Factor (S.F.)		1.15	No-load Current		4.6 A		
NEMA Nom. Eff.		89.5	Power Factor	75	Line-line Res. @ 25°C		0.953 Ω
Rating - Duty		40C	AMB-CONT		Temp. Rise @ Rated Load		44°C
S.F. Amps					Temp. Rise @ S.F. Load		52°C
					Locked-rotor Power Factor		42.2
					Rotor inertia		0.298 LB-FT2

Load Characteristics 230 V, 60 Hz, 3 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	35	55	68	75	80	82	78
Efficiency	81.1	87.8	89.6	89.8	89.7	88.2	89.7
Speed	1791	1783	1773	1764	1753	1741	1757
Line amperes	4.94	5.7	6.86	8.18	9.78	11.6	9.14

Performance Graph at 230V, 60Hz, 3.0HP Typical performance - Not guaranteed values

