

BALDOR® • RELIANCE

Product Information Packet

CD6202

2HP,1750RPM,DC,184C,3646D,TEFC,F1

Part Detail							
Revision:	Y	Status:	PRD/A	Change #:		Proprietary:	No
Type:	DC	Prod. Type:	3646D	Elec. Spec:	36WGZ105	CD Diagram:	CD0860C01
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	36-5257	Layout:	36LY5257
Frame:	182C	Mounting:	F1	Poles:	00	Created Date:	
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	01-28-2014
Field Type:	Shunt	Literature:		Elec. Diagram:		Replaced By:	

Specs			
Enclosure:	TEFC		
Frame:	184C		
Frame Material:	Steel		
XP Class and Group:	None		
Agency Approvals:	CSA		
	UR		
Base Indicator:	Rigid		
Bearing Grease Type:	Polyrex EM (-20F +300F)		
Drip Cover:	No Drip Cover		
Duty Rating:	CONT		
Feedback Device:	NO FEEDBACK		
Field Winding Type:	SHUNT		
Heater Indicator:	No Heater		
Insulation Class:	F		
Lifting Lugs:	Standard Lifting Lugs		
Motor Lead Quantity/Wire Size:	2 @ 12 AWG		

	4 @ 18 AWG		
Motor Lead Exit:	Ko Box		
Motor Lead Termination:	Flying Leads		
Mounting Arrangement:	F1		
Product Family:	General Purpose		
Pulley End Bearing Type:	Sealed Bearing		
RoHS Status:	ROHS COMPLIANT		
Shaft Extension Location:	Pulley End		
Shaft Ground Indicator:	No Shaft Grounding		
Shaft Rotation:	Reversible		
Shaft Slinger Indicator:	No Slinger		
Motor Standards:	NEMA		

Nameplate NP0111L

CAT.NO.	CD6202		
SPEC.	36-5257Z105		
HP	2	ENCL	TEFC
RPM	1750		
FRAME	184C	TYPE	3646D
ARM V	180	ARM A	9.5
FLD V	200/100	FLD A	.4/.8
INSUL	F	AMB.	40
DUTY	CONT	SUPPLY	K
BRG/DE	6206	BRG/ODE	6205
BRUSHES	2/BP5125A01		
SER.	BLANK		
BLANK			
APRV-CSA		APRV-UL	

DC Motor Performance Data

Record # 306 - Typical performance - not guaranteed values

Winding: 36WGZ105-R001	Type: 3646D	Enclosure: TEFC
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Nameplate Data		General Characteristics	
Rated Output (HP)	2	Armature Resistance @ 25°C	0.631 Ω
R.P.M.	1750	Commutating Winding Resistance @ 25°C	0.451 Ω
Armature Volts	180		
Armature Amps	9.5	Shunt Winding Resistance @ 25°C	428 Ω
Field Volts	200 / 100		
Field Amps	0.4 / 0.8	Armature Inertia	38.7702 LI ²
Rating - Duty	40C AMB-CONT		
Power Supply Code	K		

Load Characteristics at 180 Armature Volts, 200 Field Volts, 0.42 Field Amps

Load Point	1	2	3	4	5	6	7
Armature Amps	0.6	2.7	4.6	6.5	8.75	10.8	13
R.P.M.	1683	1669	1647	1637	1615	1602	1588
Torque (LB-FT)	0	1.5	3	4.5	6	7.5	9

Performance Graph at 180.0 Arm V, 2.0HP Typical performance - Not guaranteed values





