

BALDOR® • RELIANCE

Product Information Packet

CD3476

.75HP, 1750RPM, DC, 56C, 3428D, TEFC, F1

Part Detail

Revision:	T	Status:	PRD/A	Change #:		Proprietary:	No
Type:	DC	Prod. Type:	3428D	Elec. Spec:	34WG2038	CD Diagram:	CD0860C01
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	34-6172	Layout:	34LY6172
Frame:	56C	Mounting:	F3	Poles:	00	Created Date:	
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	10-28-2014
Field Type:	Shunt	Literature:		Elec. Diagram:		Replaced By:	

Specs

Enclosure:	TEFC		
Frame:	56C		
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:	No Lifting Lugs		
Motor Lead Quantity/Wire Size:	2 @ 14 AWG		

	4 @ 18 AWG		
Motor Lead Exit:	Ko Box		
Motor Lead Termination:	Flying Leads		
Mounting Arrangement:	F3		
Product Family:	General Purpose		
Pulley End Bearing Type:	Sealed Bearing		
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.	CD3476		
SPEC.	34-6172-2038		
HP	.75	ENCL	TEFC
RPM	1750		
FRAME	56C	TYPE	3428D
ARM V	180	ARM A	3.9
FLD V	200/100	FLD A	.3/.6
INSUL	F	AMB.	40
DUTY	CONT	SUPPLY	1.3
BRG/DE	6203	BRG/ODE	6203
BRUSHES	2/BP5000H03		
SER.	BLANK		
BLANK			
APRV-CSA		APRV-UL	

DC Motor Performance Data

Record # 1418 - Typical performance - not guaranteed values

Winding: 34WG2038-R001	Type: 3428D	Enclosure: TEFC
-------------------------------	--------------------	------------------------

Nameplate Data		General Characteristics	
Rated Output (HP)	0.75	Armature Resistance @ 25°C	4.207 Ω
R.P.M.	1750		
Armature Volts	180		
Armature Amps	3.9	Shunt Winding Resistance @ 25°C	314.5 Ω
Field Volts	200 / 100		
Field Amps	0.3 / 0.6		
Rating - Duty	40C AMB-CONT		
Form Factor	1.3		

Load Characteristics at 180 Armature Volts, 200 Field Volts, 0.14 Field Amps

Load Point	1	2	3	4	5	6	7
Armature Amps	0.28	1.1	2.01	2.95	3.92	4.97	6.32
R.P.M.	1932	1918	1881	1840	1818	1810	1800
Torque (LB-FT)	0	0.56	1.13	1.69	2.25	2.8	3.38

Performance Graph at 180.0 Arm V, 0.75HP Typical performance - Not guaranteed values





