



Customer information packet

34-7665Z609G1

.5HP, 1800RPM, DC, D71CZ, 3420P, TENV, B14, N

Brahma Engineering LLC.

Class - None

Division - Not Applicable

Specifications

Armature Voltage	12 V
Base Speed	1800 rpm
Enclosure	TENV
Frame	D71CZ
Frame Material	Steel
Output Power	0.500 HP
XP Class and Group	None
Agency Approvals	CSA
	UR
Ambient Temperature	40 °C
Armature Current	40.0 a
Armature Inertia	6.887 lb-ft ²
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Drip Cover	No Drip Cover
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Frame Prefix	D
Heater Indicator	No Heater
Insulation Class	F
Lifting Lugs	Standard Lifting Lugs
Motor Lead Exit	Special
Motor Lead Quantity/Wire Size	2 @ 10 AWG
Motor Lead Termination	Ring Terminals
Motor Standards	NEMA
Mounting Arrangement	B14
Overall Length	11.30 IN
Product Family	General Purpose
Pulley End Bearing Type	Ball
RoHS Status	ROHS COMPLIANT
Service Factor	1.00
Shaft Diameter	0.551 IN

Part detail

Revision	L
Type	DC
Mech. spec.	34-7665
Base	
Status	PRD/A
Elec. spec.	34WGZ609
Layout	34LY7665
Eff. date	01-11-2022
CD Diagram	CD0194
Poles	00
Leads	
Proprietary	False
Created date	11-13-2014

Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
XP Division	Not Applicable

Nameplate

NP0111L			
CAT.NO.			
SPEC.	34-7665Z609G1		
HP	.5	ENCL	TENV
RPM	1800		
FRAME	D71CZ	TYPE	3420P
ARM V	12	ARM A	40
FLD V		FLD A	
INSUL	F	AMB.	40
DUTY	CONT	SUPPLY	A
BRG/DE	6203	BRG/ODE	6203
BRUSHES	2/BP5104BV01		
	BLANK		
SER.			
BLANK			
APRV-CSA	APRV-UL		

Parts list

Part number	Description	Quantity
SA289792	SA 34-7665Z609G1	1.000 ea
AA015686	AA 34-7665Z609G1	1.000 ea
BP5104BV01	CARBON BRUSH - 12 DC - MZ65	2.000 ea
BP5100	SPRING PRESSURE BRACKET ASSY	2.000 ea
51XF1032A08	10/32X1/2 HXWSHR HD, SL, TYPE F ,SERATED	4.000 ea
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 ea
34EP3114A03	FR EP, MACH MODEL 34 TENV W/EXT T-BOLTS	1.000 ea
HW5100A03	WAVY WASHER (W1543-017)	1.000 ea
34CB4519	BRUSH INSPECTION COVER	2.000 ea
34GS1022	BRUSH INSP COVER GASKET,WHITE NON-CONDUCT	2.000 ea
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 ea
HW4032A01	BLACK DRAIN PLUG FOR WASH DOWN MOTORS	3.000 ea
34EP1503A18	B/SPL PU-E.P. TYPE 71 "C" FLANGE PER B3	1.000 ea
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000 ea
34CB4518	CONDUIT BOX LID, STAMPED F/34P	1.000 ea
34GS1027	GASKET, 34P KOBX LID, CS-301 LEXIDE	1.000 ea
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 ea
HW4600A54	SEAL 0.668 X 1.064 X 0.250 DOUBLE SHIELD	1.000 ea
MJ5001A27	32220KN GRAY SEALER *MIN BUY 4 QTS=1GAL	0.001 qt
34RK5006	ROCKERARM ASSEMBLY MODEL 34 PM	1.000 ea
HW3001B02	BRASS CUP WASHER W/GROUND SYMBOL TAB,	1.000 ea
WD1000A50	TERM, AMP #4-520447-2	2.000 ea
WD4102A65	HEYCO #2827 (B 625-500) SHORTY BUSHING	1.000 ea
MG1000G27	MED CHARCOAL METALLIC GREY 400-0096	0.014 ga
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 ea
HA3100A11	THRUBOLT 10-32 X 6.750	4.000 ea
LB1119N	WARNING LABEL	1.000 ea
LC0194	CONNECTION LABEL	1.000 ea
MN416A01	TAG-INSTAL-MAINT no wire (2200bx) 4/22	1.000 ea
NP0111L	NP STD LASER ENGRAVED DC MOTORS, UL CSA	1.000 ea
35PA1066	PKG GRP, PRINT PK1008A06	1.000 ea

HW2504D04	KEY, 5 MM X .625 LONG	1.000 ea
HA7000A10	KEY RETAINER 0.563 DIA SHAFTS	1.000 ea
LB1417	LABEL CARTON 6X4 PERFORATED BLANK ROLLS	1.000 ea



