



Customer information packet

CDP3320

.33HP, 1750RPM, DC, 56C, 3327P, TENV, F1, N

Specifications

Armature Voltage	90 V
Base Speed	1750 rpm
Enclosure	TENV
Frame	56C
Frame Material	Steel
Output Power	0.330 HP
Agency Approvals	CE
	CSA
	UR
Ambient Temperature	40 °C
Armature Current	3.2 a
Armature Inertia	10.535 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
Heater Indicator	No Heater
Lifting Lugs	No Lifting Lugs
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	2 @ 18 AWG, A
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Mounting Arrangement	F1
Overall Length	13.19 IN
Product Family	General Purpose
Pulley End Bearing Type	Sealed Bearing
Service Factor	1.00
Shaft Diameter	0.625 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible

Part detail

Revision	AE
Type	DC
Mech. spec.	33-2024
Base	
Status	PRD/A
Elec. spec.	33WGZ102
Layout	33LY2024
Eff. date	10-24-2024
CD Diagram	CD0194
Poles	00
Leads	2#18 A Y
Proprietary	False
Created date	01-01-0001

Shaft Slinger Indicator

No Slinger



Nameplate

NP0891L					
CAT.NO.	CDP3320				
SPEC.	33-2024Z102				
HP	.33/KW.25	ENCL		TENV	
RPM	1750 1/MIN IP44 IC410 KG12				
FRAME	56C	TYPE		3327P	
ARM V	90	ARM A		3.2	
FLD V		FLD A			
INSUL	F	AMB.		40	
DUTY	CONT	SUPPLY		1.3	
BRG/DE	6203	BRG/ODE		6203	
BRUSHES	2/BP5011T01				
		BLANK			
SER.					
BLANK					
APRV-CE	Y	APRV-CSA	Y	APRV-UL	Y

Accessories

Part number	Description	Multiplier
TK3300	TACHO MOUNTING KIT TK3300	A8
TK3300-HPU	HPU10 MOUNTING KIT 33P/34P TENV	

DC Motor Performance Data

Record # 208

Typical performance - not guaranteed values

Winding: 33WGZ102-R001		Type: 3327P	Enclosure: TENV
Nameplate Data		General Characteristics	
Rated Output (HP)	0.33		
R.P.M.	1750		
Armature Volts	90		
Armature Amps	3.2		
Field Volts			
Field Amps			
Rating - Duty	40C AMB-CONT		
Form Factor	1.3		

Load Characteristics at 90 Armature Volts

Load Point	1	2	3	4	5	6	7
Armature Amps	0.25	0.85	1.55	2.25	2.9	3.3	4.2
R.P.M.	1831	1796	1745	1703	1665	1627	1592
Torque (LB-FT)	0	0.23	0.49	0.74	0.99	1.23	1.47

ABB Motors and Mechanical Inc.

WINDING # 33WGZ102

Typical performance - not guaranteed values.

0.33 HP DC 1750 RPM 90 V 3327P

ENCL: TENV DUTY: CONT CL: F





