

# PRODUCT INFORMATION PACKET



Model No: CZ6T17VK4D

Catalog No: 114561.00

3/4HP..1725RPM.56H.TENV.208-230/460V.3PH.60HZ.CONT.NOT.40C.1.15SF.RIGID C.SUPER  
DUCK.CZ6T17VK4D

Paint Free



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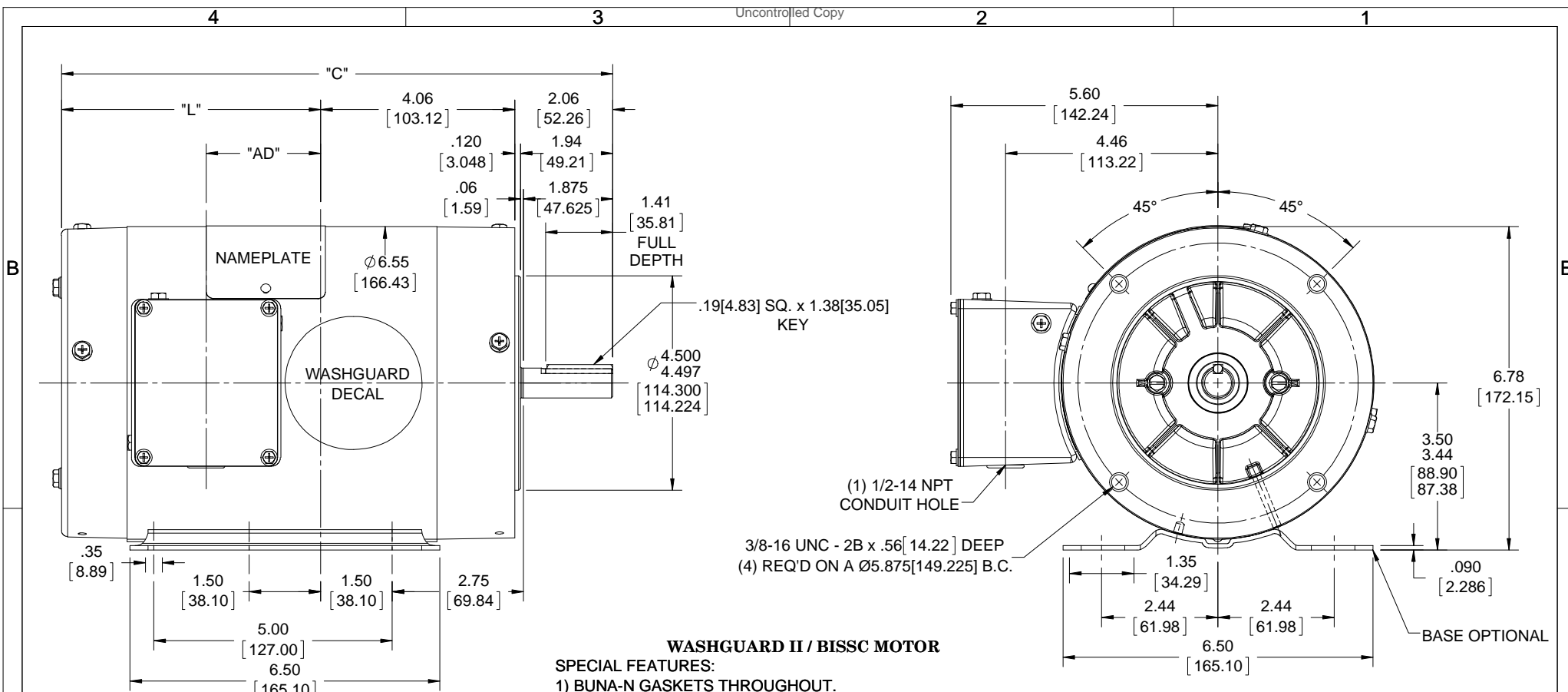


### Nameplate Specifications

Output HP	<b>0.75 Hp</b>	Output KW	<b>0.56 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>208-230/460 V</b>
Current	<b>2.4-2.3/1.2 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>80 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>F</b>	Design Code	<b>B</b>
KVA Code	<b>L</b>	Frame	<b>56HC</b>
Enclosure	<b>Totally Enclosed Non Ventilated</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6205</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>N</b>
IP Code	<b>43</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Mounting	<b>Rigid base</b>	Motor Orientation	<b>HORIZONTAL</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>NEMA 56</b>
Overall Length	<b>11.56 in</b>	Frame Length	<b>6.50 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>1.88 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>034293-650</b>	Connection Diagram	<b>005010.01</b>



3/8-16 UNC - 2B x .56[14.22] DEEP  
 (4) REQ'D ON A Ø5.875[149.225] B.C.

**WASHGUARD II / BISSC MOTOR**

**SPECIAL FEATURES:**

- 1) BUNA-N GASKETS THROUGHOUT.
- 2) SHAFT SEAL & V-RING.
- 3) DRAIN HOLES IN ENDBELLS & CONDUIT BOX.
- 4) STAINLESS STEEL HARDWARE, FRAME & NAMEPLATE.
- 5) CORROSION RESISTANT FINISH ON ENDBELLS & CONDUIT BOX.
- 6) MAXIMUM FACE RUNOUT TO BE .004[.102] T.I.R.
- 7) MAXIMUM PILOT ECCENTRICITY .004[.102] T.I.R.
- 8) PERMISSIBLE SHAFT RUNOUT .002[.051] T.I.R.

FRAME	DASH NO.	"C"	"L"	"AD"
E56C	600	11.06 [280.92]	4.94 [125.48]	1.94 [49.28]
F56C	650	11.56 [293.62]	5.44 [138.18]	2.44 [61.98]
G56C	700	12.06 [306.32]	5.94 [150.88]	2.94 [74.68]
H56C	750	12.56 [319.02]	6.44 [163.58]	3.44 [87.38]
J56C	800	13.06 [331.72]	6.94 [176.28]	3.94 [100.08]

DRAWING REVISION J	REVISION BY T AHER	DATE 01/04/2018	TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC. INCH mm ANGLE .X ±0.1 [+2.5] ±7-30° .XX ±0.03 [+0.76] .XXX ±0.005 [+0.127] .XXXX ±0.0005 [+0.0127]	DRAWN BY PG	Regal Beloit America, Inc.
ECO ECO-0143018	APPROVED BY PK	DATE 04/10/2018		DATE 02/16/1994	
ECO DESCRIPTION OUTLINE CONVERSION PROJECT <small>COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. (OWNER) AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.</small>			REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45° CORNER FILLETS: R.02 [.51] MACHINED SURFACES: 200 INCH mm 5.1	APPROVED BY CC	DESCRIPTION <b>OUTLINE</b> 56 FRAME, C-FACE - BISSC MOTOR
				REFERENCE 034293	MATERIAL
				THIRD ANGLE PROJECTION	PROCESS/FINISH
				SIZE B	DRAWING NUMBER <b>034293</b>
					SHEET 1 OF 1

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED		<b>REGAL</b> ™ <b>Regal Beloit America, Inc.</b>		DRAWN RDW 04/12/02		
				DEC.	INCHES			CHK		
				.X	±.1			APPD		
				.XX	±.01			SCALE 1=1		
				.XXX	±.005	TITLE		REF FIG.2-51		
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005	MAT'L.		FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		PREV		
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	04/12/02	CAD FILE		SIZE	DRAWING NO.	REV.
				DIST	BRF-NLV	00501001		A	005010-01	A



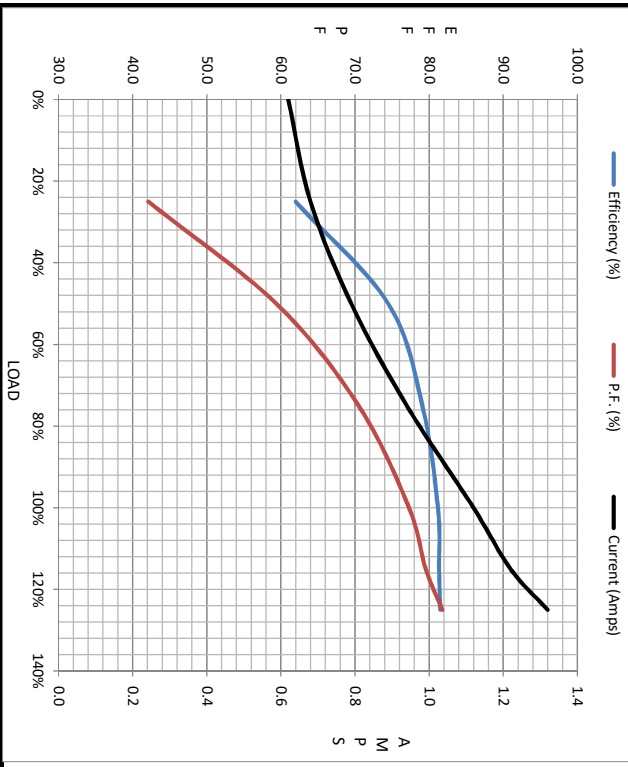
Motor Load Data						
Load	0%	25%	50%	75%	100%	LR
Current (Amps)	0.62	0.68	0.79	0.94	1.12	9.1
Torque (ft-lb)	0.00	1.43	285	429	577	10,434
RPM	1800	1788	1777	1765	1753	1,772
Efficiency (%)		62.0	74.5	79.1	81.2	0
P.F. (%)	17.0	42.1	59.4	70.5	77.3	81.4

**Motor Speed Data**

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	129	1314	1753	1800
Current (Amps)	9.1	9.1	5.5	1.12	0.62
Torque (ft-lb)	1,772	1,671	2,384	577	0.00

**Information Block**

HP	0.8
Sync. RPM	1800
Frame	140
Enclosure	TENV
Construction	NA
Voltage	208-230/460 V
Frequency	60 Hz
Design	B
LR Code letter	L
Service Factor	1.15
Temp Rise @ FL	82 °C
Duty	CONT
Ambient	40 °C
Elevation	1,000 feet
Rotor/Shaft wk <sup>2</sup>	0.11 LB-Ft <sup>2</sup>
Ref Wdg	T634252 NR
Sound Pressure @ 1M	999 dBA
VFD Rating	NONE
Outline Dwg	034293-650
Conn. Diag	005010.01
Additional Specifications:	
0	
EQUIV CKT (OHMS / PHASE)	
R1	R2
0.0000	0.0000
X1	X2
0.0000	0.0000
Xm	0.0000



**Speed - Torque Curve**

