

PRODUCT INFORMATION PACKET



Model No: 170144.00

Catalog No: 170144.00

General Purpose Motor, 10 & 7.50 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1800 & 1500 RPM,
215T Frame, DP



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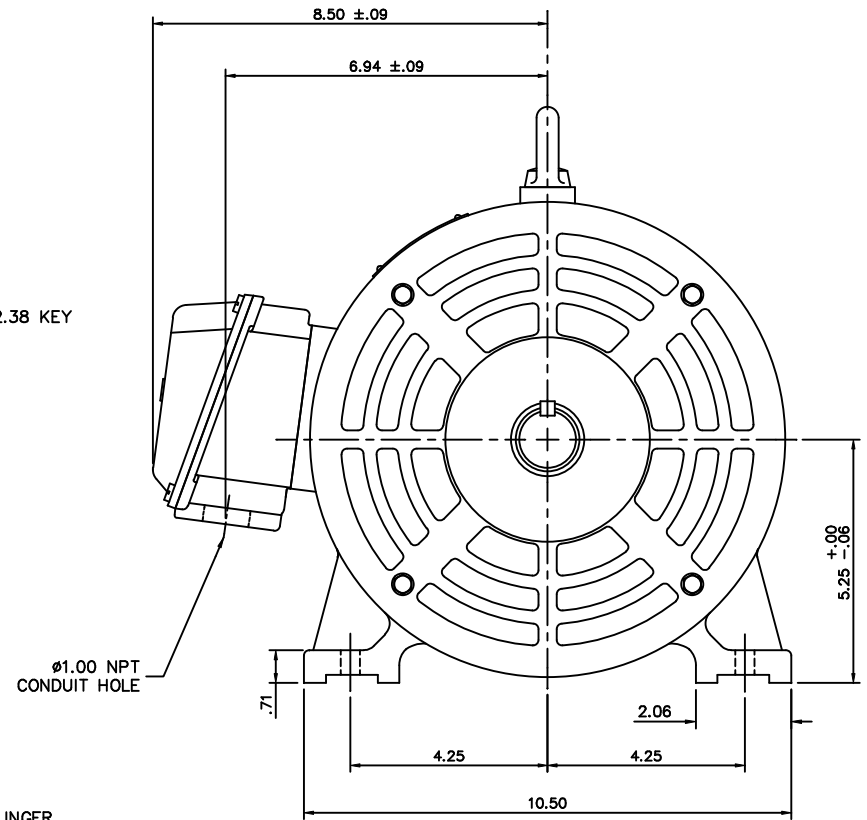
Nameplate Specifications


Phase	3	Output HP	10 & 7.5 Hp
Output KW	7.5 & 5.6 kW	Voltage	208-230/460 & 190/380 V
Speed	1765 & 1470 rpm	Service Factor	1.15 & 1.15
Frame	215T	Enclosure	Drip Proof
Thermal Protection	Thermostat	Efficiency	91.7 & 91.7 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	28.5-25.6/12.8 & 22.8/11.4 A	Power Factor	79.3
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	6308	Opp Drive End Bearing Size	6208
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.884 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	17.87 in
Shaft Diameter	1.375 in	Shaft Extension	3.38 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Connection Drawing	005010.20	Outline Drawing	16955060

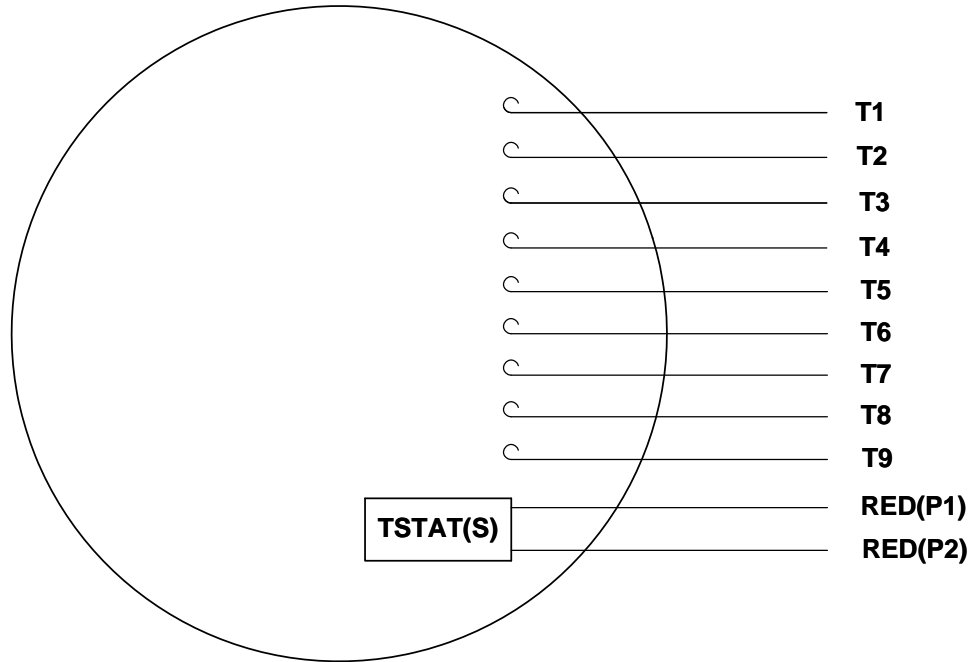
169550-60



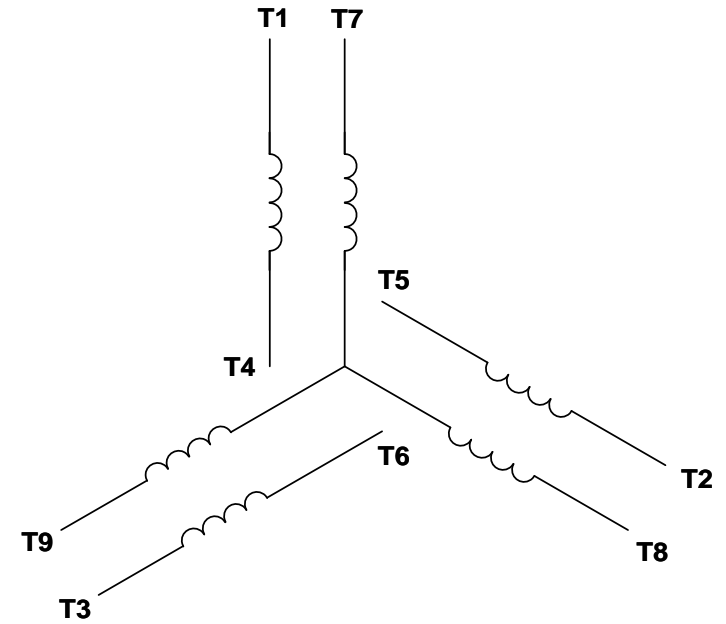
				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN DRZ 03/21/01
				DEC. INCHES				CHK
				.X ±.1				APPD
				.XX ±.03	TITLE OUTLINE — 215T FRAME		SCALE 3=8	
				.XXX ±.005	ODP, RIGID MOUNT, NEW CON-BOX		REF 169515	
A	REVISED TO NEW BORDER FORMAT	DWF 12/14/01		.XXXX ±.0005	MAT'L.		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	CAD FILE Drawing9	SIZE B	DRAWING NO. 169550-60	REV. A
				DIST				

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

Uncontrolled Copy



LINE LEADS



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

DRAWING REVISION G	REVISION BY MVG	DATE 04/05/2017
ECO ECO-0121253	APPROVED BY SM	DATE 04/05/2017

ECO DESCRIPTION
ADDED P1 & P2 FOR TSTAT

TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45°
CORNER FILLETS: R.02 [.51]
MACHINED SURFACES: 125/3.2 INCH/mm

mm SHOWN IN [BRACKETS]

DRAWN BY
DBT 12/16/97

DATE

APPROVED BY
KH 12/17/97

DATE

REFERENCE

THIRD ANGLE
PROJECTION



Regal Beloit America, Inc.

DESCRIPTION
CONN DIAGRAM-EXTERNAL
3 PHASE WITH PROTECTOR

MATERIAL
DECAL - 004014 (TSTAT) - 080582

PROCESS/FINISH
STOCK

SIZE
A

DRAWING NUMBER
00501020

SHEET
1 OF 1