

PRODUCT INFORMATION PACKET



Model No: 170167.00

Catalog No: 170167.00

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



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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	1763 & 1465 rpm	Service Factor	1.15 & 1.15
Frame	215TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91.7 & 91 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	27-25/12.5 & 23/11.5 A	Power Factor	81.6
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Drive End Bearing Size	6308	Opp Drive End Bearing Size	6306
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

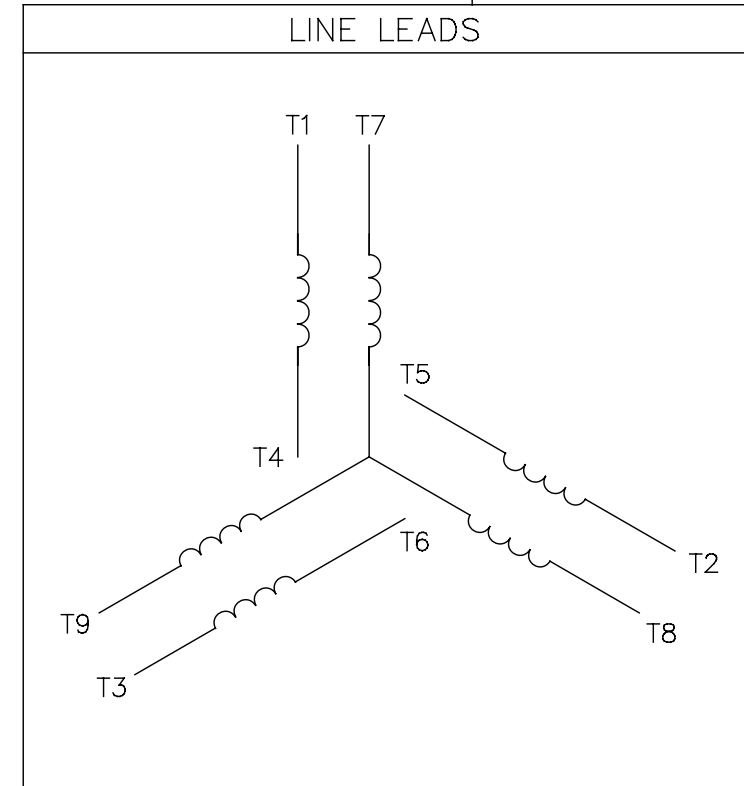
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.216 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	20.35 in
Shaft Diameter	1.375 in	Shaft Extension	3.12 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	SS622294	Connection Drawing	00501001

Cat. No.	FRAME	B	C	2F	2F1	K
170166.60	N213TC-2W2	7.32	18.94	5.50		4
170168.60	N215TC-4W2	8.82	20.35	7.00	5.50	6
170165.60	N213TC-4W2	7.32	18.94	5.50		4
170167.60	N215TC-4W2	8.82	20.35	7.00	5.50	6
171116.60	N215TC-6W2	8.82	20.35	7.00	5.50	6


				TOLERANCES UNLESS SPECIFIED		ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN MOL 03-07-2011			
			DEC.	INCHES		CHK MOL 03-07-2011				
			.X	±.1		APPD SB 03-07-2011				
			.XX	±.03		SCALE 1=4				
			.XXX	±.005		REF				
			.XXXX	±.0005		FMF				
NO.	REVISION	BY & DATE	CHK	ANG	FINISH	PREV				
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					DIST					

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		 Regal Beloit America, Inc.			DRAWN RDW 04/12/02		
				DEC.	INCHES				CHK		
				.X	±.1				APPD		
				.XX	±.01				SCALE 1=1		
				.XXX	±.005	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR			REF FIG.2-51		
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005				MAT'L. DECAL - 004014		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH			PREV		
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