PRODUCT INFORMATION PACKET



Model No: 170145.60 Catalog No: 170145.60

WATTSAVER® General Purpose Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V,

1200 & 1000 RPM, 254T Frame, DP



Regal and Leeson are trademarks of Regal Rexnord Corporation or one of its affiliated companies. ©2023 Regal Rexnord Corporation, All Rights Reserved. MC017097E





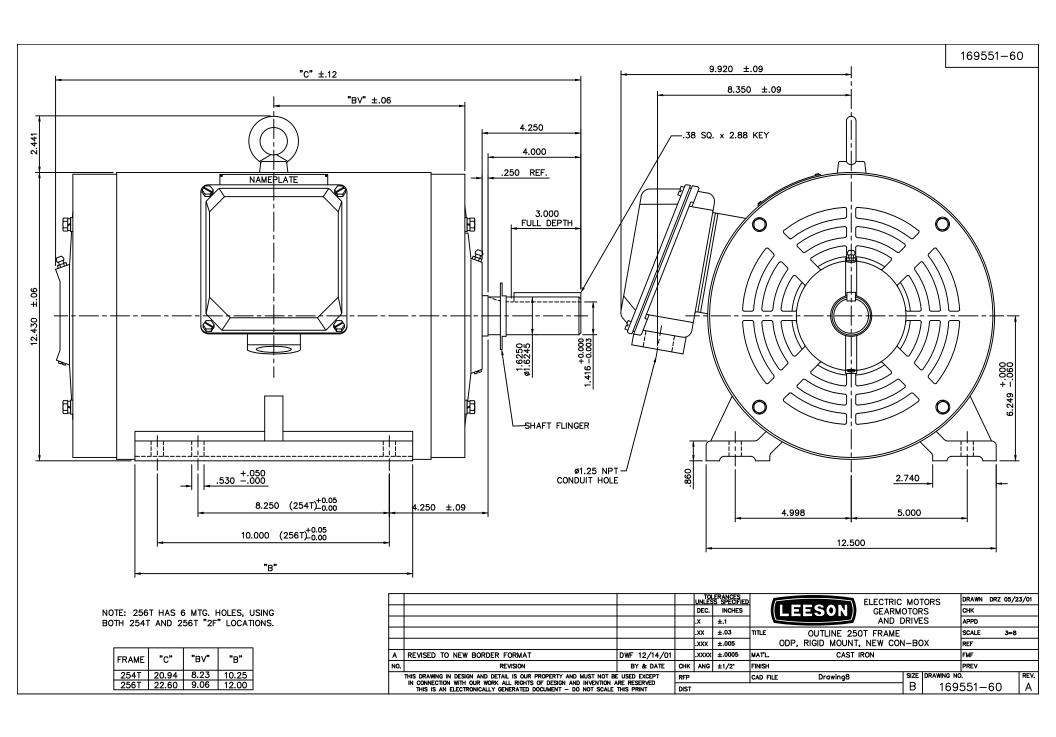
Nameplate Specifications

3	Output HP	7.50 & 5 Hp
5.6 & 3.7 kW	Voltage	208-230/460 & 190/380 V
1187 & rpm	Service Factor	1.15 & 1.15
254T	Enclosure	Drip Proof
No Protection	Efficiency	92.4 & 91.7 %
40 °C	Frequency	60 & 50 Hz
23.4-22.4/11.2 & 19.2/9.6 A	Power Factor	68
Continuous	Insulation Class	F
В	KVA Code	G
6309	Opp Drive End Bearing Size	6208
Recognized	CSA	Υ
Υ	IP Code	22
1		
	5.6 & 3.7 kW 1187 & rpm 254T No Protection 40 °C 23.4-22.4/11.2 & 19.2/9.6 A Continuous B 6309 Recognized	5.6 & 3.7 kW 1187 & rpm Service Factor 254T Enclosure No Protection Efficiency 40 °C Frequency 23.4-22.4/11.2 & 19.2/9.6 A Power Factor Continuous Insulation Class B KVA Code 6309 Opp Drive End Bearing Size Recognized CSA

Technical Specifications

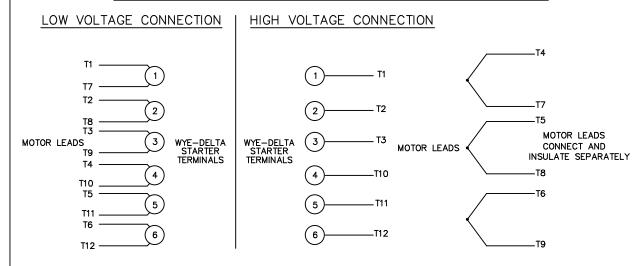
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter				
Poles	6	Rotation	Reversible				
Mounting	Rigid Base	Motor Orientation	Horizontal				
Drive End Bearing	Ball	Opp Drive End Bearing	Ball				
Frame Material	Cast Iron	Shaft Type	Т				
Overall Length	20.94 in	Shaft Diameter	1.625 in				
Shaft Extension	4 in	Assembly/Box Mounting	F1 ONLY				
Connection Drawing	004172.01	Outline Drawing	16955160-254T				

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:06/21/2023

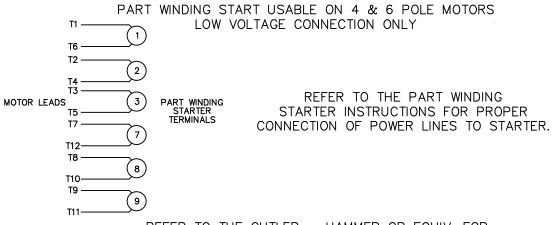


```
ERROR: undefined
OFFENDING COMMAND: fora
STACK:
{dup type /operatortype eq {[ exch ] cvx def }{pop pop }ifelse }
-dictionary-
-dictionary-
/Pscript_WinNT_Compat
-dictionary-
```

WYE - DELTA STARTING USEABLE ON 2,4 AND 6 POLE MOTORS.



REFER TO THE WYE-DELTA STARTER CONNECTION INSTRUCTIONS FOR PROPER CONNECTION OF POWER LINES TO STARTER.



REFER TO THE CUTLER — HAMMER OR EQUIV. FOR PROPER SELECTION OF OVERLOAD HEATER COILS.

				TOL UNLES	ERANCES S SPECIFIED			ELI	ECTRIC N	MOTORS	DRAWN	WLW 09/08/7	7
				DEC.	INCHES		3		GEARMO ⁻	TORS	снк	RPB 09/12/77	
				.x	±.1				AND DR	RIVES	APPD	JCW 09/12/77	
03	REV'D LOW VOLTAGE CONN. LEADS PER ELEC.	BJB 06/07/00		.xx	±.01	TITLE DE	ELTA — V	VYE CONNE	ECTION D	DIAGRAM	SCALE	1=1	
02	ADDED T-STAT. NOTES PER ELECTRICAL	KMM 06/02/98		.xxx	±.005						REF		
01	REDRAWN TO CAD	DBT 06/02/97		.xxxx	±.0005	MAT'L.					FMF		
NO.	REVISION	BY & DATE	СНК	ANG	±1/2°	FINISH	H PREV						
	THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT			RFP CAD FILE 00417201			S	DRAWING NO		RE			
	IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT — DO NOT SCALE THIS PRINT			DIST				A 004	-172·	-01 0	3		

ROTATION CAN BE REVERSED BY INTERCHANGING ANY TWO LINE LEADS

• RED LEADS OR P1, P2, FOR N/C THERMOSTAT

ACROSS THE LINE START & RUN							
	LINE 1	LINE 2	LINE 3	JOIN & INSULATE SEPARATELY			
HIGH VOLT	T1,T12	T2,T10	T3,T11	(T4,T7) (T5,T8) (T6,T9)			
LOW VOLT	T1,T6 T7,T12	T2,T4 T8,T10	T3,T5 T9,T11				

