

PRODUCT INFORMATION PACKET



Model No: LM25116
Catalog No: LM25116
0.33 HP Automotive Duty Motor, 3 phase, 1200 RPM, 230/460 V, 56 Frame, TENV
Automotive Duty Motors



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REGAL



Nameplate Specifications

Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	230/460 V
Current	1.5/0.75 A	Speed	1150 rpm
Service Factor	1	Phase	3
Efficiency	75.5 %	Power Factor	60
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Frame	56-70	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	No	Ambient Temperature	65 °C
Drive End Bearing Size	203	Opp Drive End Bearing Size	203
UL	Recognized	CSA	Y
CE	N	IP Code	43

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	59.8 Ohms	Mounting	Rigid base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	10.94 in
Frame Length	7.06 in	Shaft Diameter	0.625 in
Shaft Extension	2.32 in	Assembly/Box Mounting	F1 Only

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LOW VOLTAGE

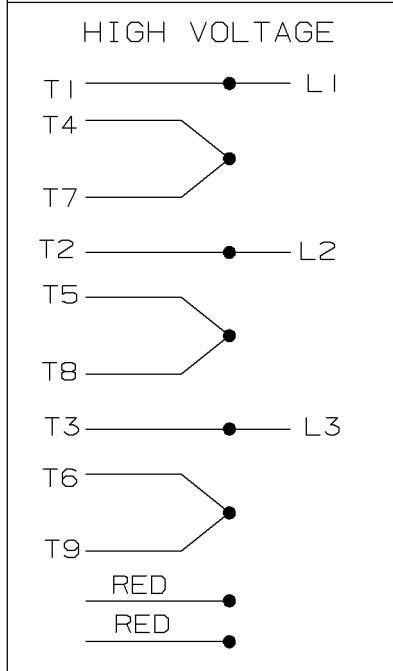
T1, T6, T7 → L1

T2, T4, T8 → L2

T3, T5, T9 → L3

RED

RED




A diagram showing a 2x2 grid of nodes. The top row has two nodes, and the bottom row has two nodes. A line connects the top-left node to the bottom-right node. Another line connects the top-right node to the bottom-left node. The top-right node is labeled 'H1' and the bottom-left node is labeled 'H2'.

Diagram illustrating the internal wiring of a vacuum tube, showing the connections for the heater filaments and the space heater.

Key components and connections:

- SPACE HEATER CONNECTED IN PARALLEL.** (Note at the top right)
- SP. HTR.** (Space Heater components)
- RED OR H1** and **RED OR H2** (External connections for the space heaters)
- T1** (Central filament)
- T9** and **T4** (Filaments connected to T1)
- T6**, **T3**, and **T8** (Left-side filament assembly)
- T7**, **T5**, and **T2** (Right-side filament assembly)
- H1** and **H2** (External connections for the main filaments)

					<div> <div>✓</div> <div> UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX± .03 XXX± .005 XXXX± .0005 ANGLES± 7°30" </div> </div>		
						<div> <div> MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED </div> <div> FINISH </div> </div>	<div> DRAWN BY CAV </div> <div> CHKD BY DRS </div>
I	04-14-2000	NEW DRAWING	CAV		MATERIAL	APPD BY TB	04-14-2000
REV	DATE	CHANGE	NAME	PART NAME CONNECTION DIAGRAM DELTA CONN. - 3Ø - 1-2CKT/SPACE HTR.			DRWG NO A-EE7308U-LN
				PURCHASED	CADD FILE NO.	EE7308U-LN	

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