

PRODUCT INFORMATION PACKET



Model No: SRD4B0.5T61

Catalog No: LM34050

..1/2 HP..1800RPM.56.ODP.230/460V.3PH.60HZ.CONT.40C.1.25 S.F..RIGID BASE.....GENERAL PURPOSE.....

Open Drip Proof (ODP)



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Nameplate Specifications

Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	230/460 V
Current	1.7/0.85 A	Speed	1725 rpm
Service Factor	1.25	Phase	3
Efficiency	78.2 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	B	Frame	56
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	22		

Technical Specifications

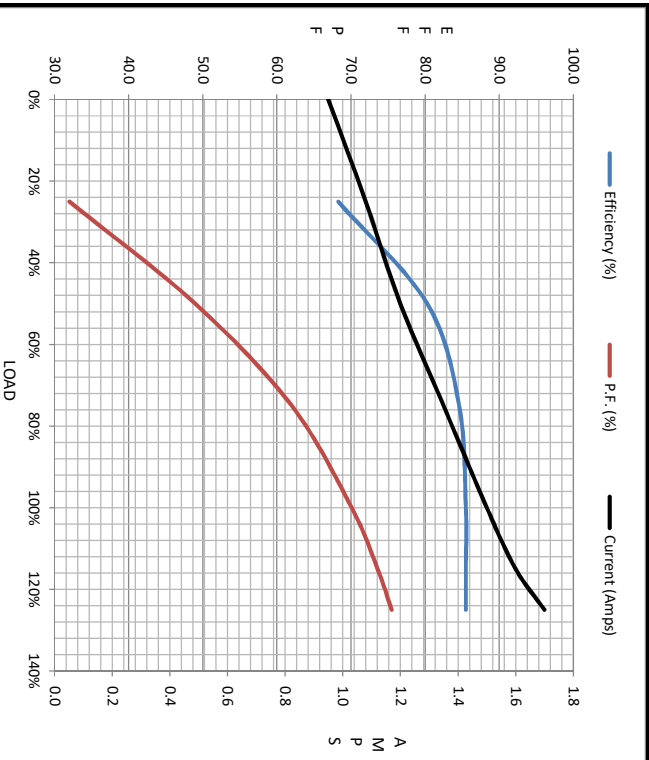
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	11.32 in	Frame Length	5.50 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	LM34050	Connection Diagram	D0000527-001

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Motor Load Data						
Load	0%	25%	50%	75%	100%	LR
Current (Amps)	0.95	1.08	1.20	1.35	1.50	13.5
Torque (ft-lb)	0.00	190	386	576	772	2,735
RPM	1800	1788	1777	1766	1760	0
Efficiency (%)		68.3	80.3	84.6	85.5	85.5
P.F. (%)	20.0	32.0	49.0	62.0	70.1	73.6

Motor Speed Data						Information Block																					
	LR	Pull-Up	BD	Rated	Idle	HP	Sync. RPM	Frame	Enclosure	Construction	Voltage	Frequency	Design	LR Code letter	Service Factor	Temp Rise @ FL	Duty	Ambient	Elevation	Rotor/Shaft wk ²	Ref Wdg	Sound Pressure @ 1M	VFD Rating	Outline Dwg	Conn. Diag	Additional Specifications:	
Speed (RPM)	0	900	1300	1760	1800	1.0	1800	56	DP	TDR	230/460#190/380	60	A	M	1.15	35	CONT	40	1,000	0.00	SS0053503	0	CONSTANT 2:1	LM34050-S01	D0000527-001		
Current (Amps)	13.5	12.4	8.1	1.50	0.95						V	Hz			°C	°C		°C	feet	LB-Ft ²	dB(A)						
Torque (ft-lb)	2,735	2,735	3,973	772	0.00																						



	R1	R2	X1	X2	Xm
EQUIV CKT (OHMS / PHASE)	0.0000	0.0000	0.0000	0.0000	0.0000

