

PRODUCT INFORMATION PACKET



Model No: SRD4B1T61

Catalog No: LM34052

..1HP..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	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	230/460 V
Current	3.0/1.5 A	Speed	1725 rpm
Service Factor	1.15	Phase	3
Efficiency	83.5 %	Duty	Continuous
Insulation Class	B	Design Code	B
KVA Code	M	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	T
Overall Length	11.72 in	Frame Length	5.88 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	LM34052	Connection Diagram	D0000527-001

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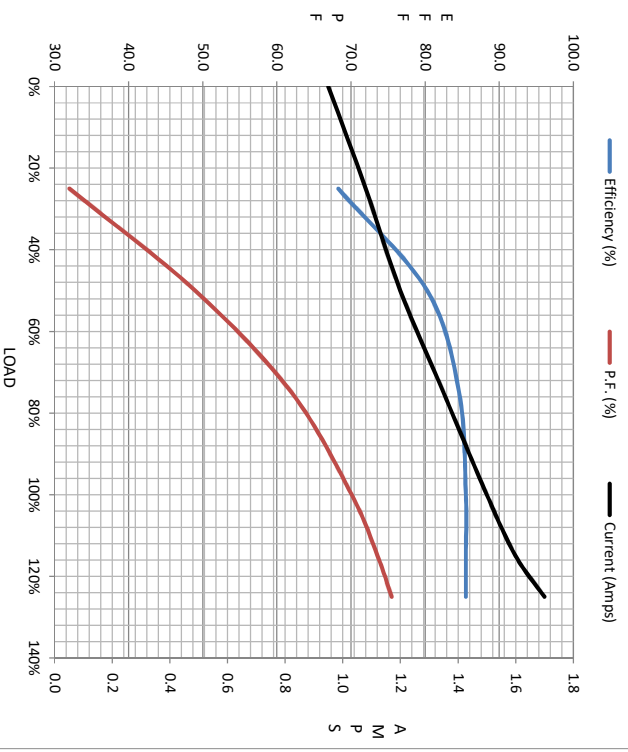
Motor Load Data						LR	
Load	0%	25%	50%	75%	100%	115%	125%
Current (Amps)	0.95	1.08	1.20	1.35	1.50	1.60	1.70
Torque (ft-lb)	0.00	190	386	576	772	888	965
HPM	1800	1788	1777	1766	1760	1755	1750
Efficiency (%)		68.3	80.3	84.6	85.5	85.5	85.5
P.F. (%)	20.0	32.0	49.0	62.0	70.1	73.6	75.5

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1300	1760	1800
Current (Amps)	13.15	12.4	8.1	1.50	0.95
Torque (ft-lb)	2,735	2,735	3,973	772	0.00

Information Block

HP	1.0
Sync. RPM	1800
Frame	56
Enclosure	DP
Construction	TDR
Voltage	230/460#190/380 V
Frequency	60 Hz
Design	A
LR Code letter	M
Service Factor	1.15
Temp Rise @ FL	35 °C
Duty	CONT
Ambient	40 °C
Elevation	1,000 feet
Rotor/Shaft wkt	0.00 LB-Ft
Ref Wdg	SS0053503 NONE
Sound Pressure @ 1M	0 dbA
VFD Rating	CONSTANT 2:1
Outline Dwg	LM340S2-S01
Conn. Diag	D0000527-001
Additional Specifications:	
0	
EQUIV CKT (OHMS / PHASE)	
R1	R2
0.0000	0.0000
X1	X2
0.0000	0.0000
Xm	Xm
0.0000	0.0000



Speed -Torque Curve

