

# PRODUCT INFORMATION PACKET



Model No: SRD4B1TC61

Catalog No: LM34056

..1HP..1800RPM.56C.ODP.230/460V.3PH.60HZ.CONT.40C.1.15 S.F..RIGID C FACE.....GENERAL PURPOSE.NOT.....

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	NEMA 56
Overall Length	12.19 in	Frame Length	6.38 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	LM34056	Connection Diagram	D0000527-001

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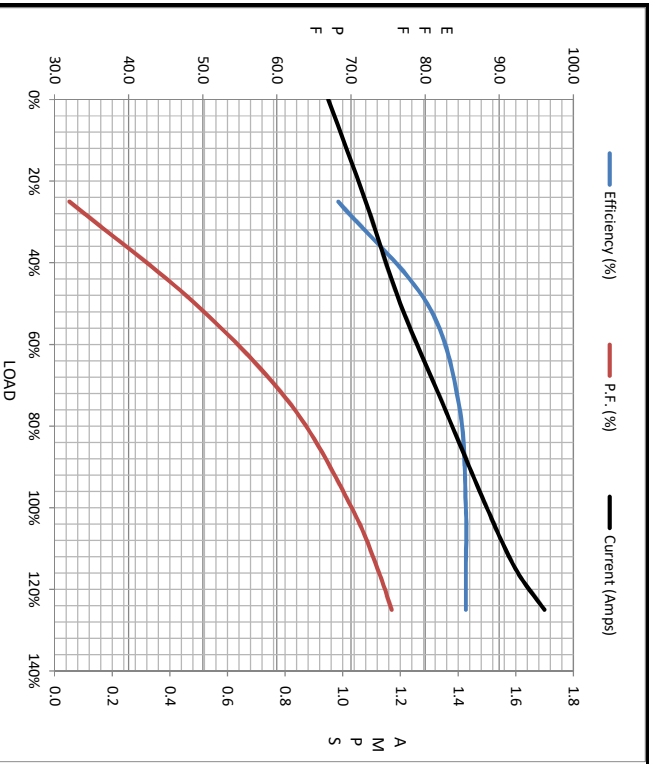
Motor Load Data						LR	
Load	0%	25%	50%	75%	100%	115%	125%
Current (Amps)	0.95	1.08	1.20	1.35	1.50	1.60	1.70
Torque (ft-lb)	0.00	190	386	576	772	888	965
HPM	1800	1788	1777	1766	1760	1755	1750
Efficiency (%)		68.3	80.3	84.6	85.5	85.5	85.5
P.F. (%)	20.0	32.0	49.0	62.0	70.1	73.6	75.5

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1300	1760	1800
Current (Amps)	13.5	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 wk <sup>2</sup>	0.00 LB-Ft <sup>2</sup>
Ref Wdg	SS0053503 NONE
Sound Pressure @ 1M	0 dbA
VFD Rating	CONSTANT 2:1
Outline Dwg	LM34056-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

