

Model LM90T025: 1/4 HP 90VDC Electrical Specifications

Information shown is for current motor's design

Engineering Data

RPM 1750	HP 1/4	Serv. Factor 1.0
KW	Form Factor 1.38	Amps 2.5
KW2	Form Factor 2	FLA2
Volts 90	Frame 56C	

Max Amb 40	Duty CONT	TYPE DF
Insul Class F	Enclosure TEFC	Bearing OPE 6203
Protection NOT	Protector	Bearing PE 6203
EFF 78.5%	Torque 9.0 LB-IN	
UL Yes	CSA Yes	CE No
Motor Wt. 21 LB	Nameplate 081259	Lubrication POLYREX EM
Carton Label Leeson Gen Purpose		

Assembly	Mounting C-Face Rigid	Rotation RECONN
Winding D4722	Ext. Diag.	Ext. Diag2
GROUP 1 A	Shaft Dia. 5/8 IN	Packaging PG659201.04A
Sub Group A	Paint 305000.01	
Test Card 02	Outline 027620	Cust Part No

Performance

Torque UOM 89 LB-IN	Inertia (WK?) 5 LB-IN^2	
Torque 0	9	18
CURRENT (amps) .32	2.58	4.94
Efficiency (%) 0	.785	.724
PowerFactor		

Load Curve Data

Output Pwr (HP)	RPM	AMP	Torque (LB-IN)	Eff	Watts	Watts Loss	Volts
0	1885	.32	0	0	0	29	90
.24	1712	2.58	9	.785	182	50	90
.43	1511	4.94	18	.724	322	123	90