

Model LM90T075: 3/4 HP 90VDC Electrical Specifications

Information shown is for current motor's design

Engineering Data

RPM 1750	HP 3/4	Serv. Factor 1.0
KW	Form Factor 1.38	Amps 7.6
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 84.2%	Torque 27 LB-IN	
UL Yes	CSA Yes	CE No
Motor Wt. 39 LB	Nameplate 081259	Lubrication POLYREX EM
Carton Label Leeson Gen Purpose		

Assembly	Mounting C-Face Rigid	Rotation RECONN
Winding D472293	Ext. Diag.	Ext. Diag2
GROUP 1 A	Shaft Dia. 5/8 IN	Packaging PG659401.04Z
Sub Group A	Paint 305000.01	
Test Card 01	Outline 027620	Cust Part No

Performance

Torque UOM 405 LB-IN	Inertia (WK ²) 12.5 LB-IN ²
Torque 0	27 54
CURRENT (amps) .8	7.7 15
Efficiency (%) 0	.842 .808
PowerFactor	

Load Curve Data

Output Pwr (HP)	RPM	AMP	Torque (LB-IN)	Eff	Watts	Watts Loss	Volts
0	1968	.8	0	0	70	70	90
.78	1830	7.7	27	.842	585	110	90
1.46	1702	15	54	.808	1088	213	90