

Model LM180T075: 3/4 HP 180VDC 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 3.8
KW2	Form Factor 2	FLA2
Volts 180	Frame 56C	

Max Amb 40	Duty CONT	TYPE DF
Insul Class F	Enclosure TEFC	Bearing OPE
Protection NOT	Protector	Bearing PE
EFF 82.1%	Torque 27 LB-IN	
UL Yes	CSA Yes	CE No
Motor Wt. 36 LB	Nameplate 081259	Lubrication
Carton Label Leeson Gen Purpose		

Assembly	Mounting C-Face Rigid	Rotation RECONN
Winding D472294	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 369 LB-IN	Inertia (WK ²) 12.5 LB-IN ²
Torque 0	27 54
CURRENT (amps) .46	3.74 7.1
Efficiency (%) 0	.821 .799
PowerFactor	

Load Curve Data

Output Pwr (HP)	RPM	AMP	Torque (LB-IN)	Eff	Watts	Watts Loss	Volts
0	1873	.46	0	0	0	83	180
.74	1730	3.74	27	.821	553	120	180
1.37	1597	7.1	54	.799	1021	257	180