

Model LM180T150: 1.5 HP 180VDC Electrical Specifications

Information shown is for current motor's design

Engineering Data

RPM 1750	HP 1.5	Serv. Factor 1.0
KW	Form Factor 1.38	Amps 7.6
KW2	Form Factor 2	FLA2
Volts 180	Frame 56C	

Max Amb 40	Duty CONT	TYPE DF
Insul Class H	Enclosure TEFC	Bearing OPE 6203
Protection NOT	Protector	Bearing PE 6203
EFF 86.5%	Torque 54 LB-IN	
UL Yes	CSA Yes	CE No
Motor Wt. 56 LB	Nameplate 081259	Lubrication POLYREX EM
Carton Label Leeson Gen Purpose		

Assembly	Mounting C-Face Rigid	Rotation RECONN
Winding D56275	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 031879	Cust Part No

Performance

Torque UOM 775 LB-IN	Inertia (WK ²) 20.8 LB-IN ²
Torque 0	54 108
CURRENT (amps) .5	7.1 13.7
Efficiency (%) 0	.865 .827
PowerFactor	

Load Curve Data

Output Pwr (HP)	RPM	AMP	Torque (LB-IN)	Eff	Watts	Watts Loss	Volts
0	1853	.5	0	0	0	84	180
1.5	1724	7.1	54	.865	1101	173	180
2.7	1594	13.7	108	.827	2038	426	180