

Model LM180T200: 2 HP 180VDC Electrical Specifications

Information shown is for current motor's design

Engineering Data

RPM 1750	HP 2	Serv. Factor 1.0
KW	Form Factor 1.4	Amps 9.5
KW2	Form Factor 2	FLA2
Volts 180	Frame 145TC	

Max Amb 40	Duty CONT	TYPE DF
Insul Class H	Enclosure TEFC	Bearing OPE 6203
Protection NOT	Protector	Bearing PE 6205
EFF 78.8%	Torque 72 LB-IN	
UL Yes	CSA Yes	CE No
Motor Wt. 86 LB	Nameplate 080209	Lubrication POLYREX EM
Carton Label Leeson Gen Purpose		

Assembly	Mounting C-Face Rigid	Rotation RECONN
Winding D6322	Ext. Diag.	Ext. Diag2
GROUP 1 B	Shaft Dia. 7/8 IN	Packaging 307032.62
Sub Group B	Paint 305000.01	
Test Card 01	Outline 033993	Cust Part No

Performance

Torque UOM 2143 LB-IN	Inertia (WK ²) 18.1 LB-IN ²
Torque 0	72 144
CURRENT (amps) 2.14	9.82 17.8
Efficiency (%) 0	.788 .838
PowerFactor	

Load Curve Data

Output Pwr (HP)	RPM	AMP	Torque (LB-IN)	Eff	Watts	Watts Loss	Volts
0	1686	2.14	0	0	0	385	180
1.87	1634	9.82	72	.788	1392	375	180
3.6	1576	17.8	144	.838	2686	520	180