Product Information Packet: Model No: TCA18P2AF121GAC010, Catalog No:TCA18P2AF121GAC010 TerraMAX® Cast Iron Motor, 25 HP, 3 Ph, 50 Hz, 380 V, 1500 RPM, 180M Frame, TEFC

marathon[®]

Nameplate Specifications

Output HP	25 Нр	Output KW	18.5 kW
Frequency	50 Hz	Voltage	380 V
Current	36.6 A	Speed	1477 rpm
Service Factor	1	Phase	3
Efficiency	92.6 %	Power Factor	0.83
Duty	S1	Insulation Class	F
Frame	180M	Enclosure	Totally Enclosed Fan Cooled
Frame Thermal Protection	180M No Protection	Enclosure Ambient Temperature	Totally Enclosed Fan Cooled 40 °C
Thermal Protection	No Protection	Ambient Temperature	40 °C
Thermal Protection Drive End Bearing Size	No Protection 6311	Ambient Temperature Opp Drive End Bearing Size	40 °C 6211

Technical Specifications

Electrical Type	Squirrel Cage	Starting Method	Direct On Line	
Poles	4	Rotation	Bi-Directional	
Mounting	B5	Motor Orientation	Horizontal	
Drive End Bearing	2Z-C3	Opp Drive End Bearing	2Z-C3	
Frame Material	Cast Iron	Shaft Type	Keyed	
Overall Length	712 mm	Frame Length	328 mm	
Shaft Diameter	48 mm	Shaft Extension	110 mm	
Assembly/Box Mounting	Тор			
Connection Drawing	8442000085	Outline Drawing	0218000574	

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:12/01/2022