

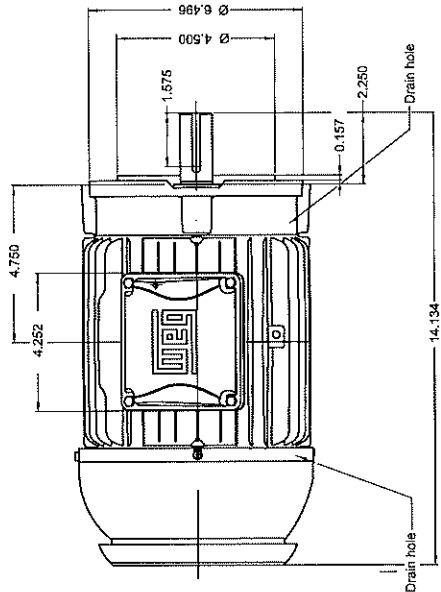
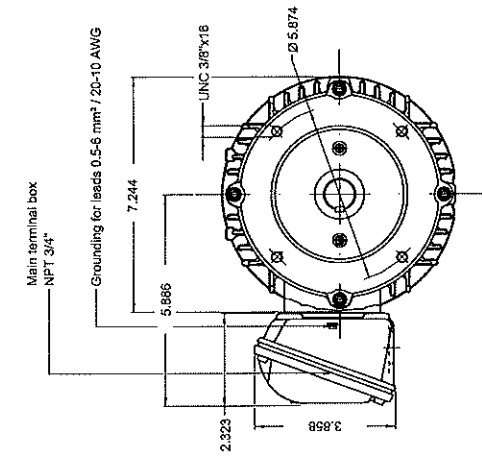
DATA SHEET

Three Phase Induction Motor - Squirrel Cage

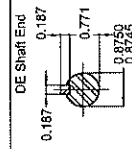


Customer : _____									
Product line : W22 NEMA Premium Efficiency Three-Phase		Product code : 12216742		Catalog # : 00158ET3ER145TC-W22					
Frame : 145TC Output : 1.5 HP (1.1 kW) Poles : 4 Frequency : 60 Hz Rated voltage : 230/460 V Rated current : 4.04/2.02 A L. R. Amperes : 33.9/17.0 A LRC : 8.4x(Code L) No load current : 2.20/1.10 A Rated speed : 1755 rpm Slip : 2.50 % Rated torque : 0.620 kgfm Locked rotor torque : 290 % Breakdown torque : 350 % Insulation class : F Service factor : 1.25 Moment of inertia (J) : 0.0060 kgm² Design : B			Locked rotor time : 25s (cold) 14s (hot) Temperature rise : 80 K Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Protection degree : IP55 Cooling method : IC411 - TEFC Mounting : W-6 Rotation¹ : Both (CW and CCW) Noise level² : 51.0 dB(A) Starting method : Direct On Line Approx. weight³ : 23.0 kg						
Output	25%	50%	75%	100%	Foundation loads				
Efficiency (%)	81.3	82.5	85.5	86.5	Max. traction : 57 kgf				
Power Factor	0.35	0.60	0.70	0.79	Max. compression : 80 kgf				
Bearing type : _____		<u>Drive end</u> 6205 ZZ		<u>Non drive end</u> 6204 ZZ					
Sealing : _____		V'Ring		V'Ring					
Lubrication interval : _____		-		-					
Lubricant amount : _____		-		-					
Lubricant type : _____		Mobil Polyrex EM							
Notes USABLE @208V 4.36A SF 1.15 SFA 5.01A									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Desmet TAG</td> <td>WEP ID</td> </tr> <tr> <td>W534NA-A</td> <td>19-A-766</td> </tr> </table> PROJECT - WORPAR eB NBR - 100220948.000 DATE - 07.01.2022						Desmet TAG	WEP ID	W534NA-A	19-A-766
Desmet TAG	WEP ID								
W534NA-A	19-A-766								
This revision replaces and cancel the previous one, which must be eliminated. (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load.			These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.						
Rev.	Changes Summary			Performed	Checked				
Performed by				Page 1 / 1	Revision				
Checked by									
Date	03/12/2021								

1 2 3 4 5 6



Bearing cap
Color RAL 5009
Painting plan 207A
Mounting NEMA W-6
Mounting V18



1.5 HP 04 Poles 60 Hz										A	

1.5 HP 04 Poles 60 Hz



PREVIEW
WDD

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Dimensions in inches