



## MOTOR SPECIFICATIONS

### User Specifications

Horsepower : \_\_\_\_\_ Service Fac: 1.0 \_\_\_\_\_ 1.15 \_\_\_\_\_  
Voltage : 115 \_\_\_\_\_ 200 \_\_\_\_\_ 230 \_\_\_\_\_ 460 \_\_\_\_\_ 575 \_\_\_\_\_ 2300 \_\_\_\_\_  
Phase : one \_\_\_\_\_ three \_\_\_\_\_  
Frequency : 50 \_\_\_\_\_ 60 \_\_\_\_\_  
Sync. Speed : 3600 \_\_\_\_\_ 1800 \_\_\_\_\_ 1200 \_\_\_\_\_ 900 \_\_\_\_\_  
Design Torq : B \_\_\_\_\_ C \_\_\_\_\_ D \_\_\_\_\_ special \_\_\_\_\_  
Housing : ODP \_\_\_\_\_ Splash \_\_\_\_\_ Weather \_\_\_\_\_  
Enclosed : TEFC \_\_\_\_\_ TENV \_\_\_\_\_ Exp \_\_\_\_\_  
Classified : Gen Pur \_\_\_\_\_ Div 2 \_\_\_\_\_ Div 1 \_\_\_\_\_  
Area Class : I \_\_\_\_\_ II \_\_\_\_\_ III \_\_\_\_\_  
Drive Bearg : Belt \_\_\_\_\_ Direct \_\_\_\_\_  
Mounting : Horiz \_\_\_\_\_ Vert \_\_\_\_\_  
Rotation : CCW \_\_\_\_\_ CW \_\_\_\_\_ Opposite end view \_\_\_\_\_  
Space Heatr : yes/no \_\_\_\_\_ Max °C \_\_\_\_\_ Term box \_\_\_\_\_ °C < 80% ignite temp  
Temp Sensr : yes/no \_\_\_\_\_

### Service Conditions

Ambient Max : Normal 40 \_\_\_\_\_ Severe 50 \_\_\_\_\_ Extreme 65 \_\_\_\_\_ Temp °C  
Ambient Min : Normal -18 \_\_\_\_\_ Severe -28 \_\_\_\_\_ Temp °C  
Altitude : <3300ft \_\_\_\_\_ >3300ft \_\_\_\_\_  
Severe Duty : humid% \_\_\_\_\_ chemicals \_\_\_\_\_ salty \_\_\_\_\_ type \_\_\_\_\_  
Combustible : gas \_\_\_\_\_ dust \_\_\_\_\_ fiber \_\_\_\_\_ conductive \_\_\_\_\_ group \_\_\_\_\_  
Environment : dirty \_\_\_\_\_ nuclear \_\_\_\_\_  
Mech Excess : vibration \_\_\_\_\_ shock \_\_\_\_\_  
Thrust Load : axial \_\_\_\_\_ side \_\_\_\_\_ excessive \_\_\_\_\_  
Freq Vary : nom \_\_\_\_\_ >5% \_\_\_\_\_  
Volt Vary : nom \_\_\_\_\_ >10% \_\_\_\_\_  
Freq + Volt : <10% \_\_\_\_\_ >10% \_\_\_\_\_  
Imbalance : none \_\_\_\_\_ V >1% \_\_\_\_\_ I >3% \_\_\_\_\_

### Controller

Reduce Strt : no, full \_\_\_\_\_ electronic \_\_\_\_\_ part wind \_\_\_\_\_ delta-Y \_\_\_\_\_  
Variabl Driv : none \_\_\_\_\_ freq \_\_\_\_\_ voltage \_\_\_\_\_



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MANUFACTURER DATA

Horsepower : ratings \_\_\_\_\_ RPM \_\_\_\_\_  
Volt/Amps : hi \_\_\_\_\_ med \_\_\_\_\_ lo \_\_\_\_\_  
Efficiency : nom \_\_\_\_\_ hi> \_\_\_\_\_ premium> \_\_\_\_\_  
Inertia : WK<sup>2</sup> \_\_\_\_\_ lb-ft<sup>2</sup> \_\_\_\_\_ kg-m<sup>2</sup> \_\_\_\_\_  
Frame : 42 \_\_\_\_\_ 48 \_\_\_\_\_ 56 \_\_\_\_\_ 143 \_\_\_\_\_ 145 \_\_\_\_\_  
          : 182 \_\_\_\_\_ 184 \_\_\_\_\_ 213 \_\_\_\_\_ 215 \_\_\_\_\_ 254 \_\_\_\_\_ 256 \_\_\_\_\_  
          : 284 \_\_\_\_\_ 286 \_\_\_\_\_ 324 \_\_\_\_\_ 326 \_\_\_\_\_ 364 \_\_\_\_\_ 365 \_\_\_\_\_  
          : 404 \_\_\_\_\_ 405 \_\_\_\_\_ 444 \_\_\_\_\_ 445 \_\_\_\_\_ large \_\_\_\_\_  
SuffixFrame : T \_\_\_\_\_ U \_\_\_\_\_ S \_\_\_\_\_ other \_\_\_\_\_  
Max Noise : <90dba \_\_\_\_\_ Actual \_\_\_\_\_  
Insulation°C : A,105 \_\_\_\_\_ B,130 \_\_\_\_\_ F,155 \_\_\_\_\_ H,180 \_\_\_\_\_ Class, temp °C  
Temp Rise°C : Open,40 \_\_\_\_\_ TE,55 \_\_\_\_\_ Severe,80 \_\_\_\_\_ Enclosure rate °C  
ServiceFctr : SF \_\_\_\_\_  
Frame Matl : Cast \_\_\_\_\_ Steel \_\_\_\_\_ Alum \_\_\_\_\_ Other \_\_\_\_\_  
Fan Shroud : Cast \_\_\_\_\_ Steel \_\_\_\_\_ Alum \_\_\_\_\_ Other \_\_\_\_\_  
Fan Material : Bronze \_\_\_\_\_ Plastic \_\_\_\_\_ Other \_\_\_\_\_ ExP=non-sparking  
Lube Bear'g : Sealed \_\_\_\_\_ polyurea \_\_\_\_\_ Oil \_\_\_\_\_ Temp <45° \_\_\_\_\_ No disassembly  
Winding : Copper \_\_\_\_\_ Alum \_\_\_\_\_  
Rotor : Copper \_\_\_\_\_ Alum \_\_\_\_\_ wound \_\_\_\_\_  
Leads : 1 / phase \_\_\_\_\_ # / phase \_\_\_\_\_ delta/Y \_\_\_\_\_ ser/parll \_\_\_\_\_  
Drains, Inch : 3/16 unthr \_\_\_\_\_ threaded \_\_\_\_\_  
Vibration : housing \_\_\_\_\_ bearing \_\_\_\_\_ shaft \_\_\_\_\_ Magnitude  
Junct'n Box : 4 position \_\_\_\_\_ gasket ground lug \_\_\_\_\_ conduit \_\_\_\_\_