



**Specification IEC 60034-1**  
**Manufacturer AmTecs**  
**Motor type AM3-IE3 280S4**  
**Rated power 90 kW S1 Duty**  
**Speed 1776 rpm**  
**Voltage 480 / 820V**  
**Frequency 60 Hz**  
**Connection Delta / Star**  
**Full load current 129.5 A / 75.1 A**  
**No-load current**  
**Enclosure IP55**  
**Insulation class F (temp. rise B)**  
**Max. ambient temp 40 °C**  
**Max. altitude 1000 mtr above sea level**  
**Comment**  
**Cable entry M63 x 1.5**  
**Construction Cast Iron**  
**Weight 565 Kg**  
**Type number**  
**Warranty**

**Efficiency class IE3**  
**Load data 100%**  
**Efficiency 95 %**  
**Power factor 0.88**  
**Sound pressure level (1m) 85 dB(A)**  
**Resistance R20 (open)**  
**Resistance R20 (Delta)**  
**Full load torque 484 Nm**  
**Starting / Full load torque 2.5**  
**Pull up / Full load torque**  
**Pull out / Full load torque 2.7**  
**Starting / Full load current (DOL) 8.5**  
**Starting / Full load current (Y/D)**  
**Rotor Inertia**  
**Bearing DE 6317**  
**Bearing NDE 6314**

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