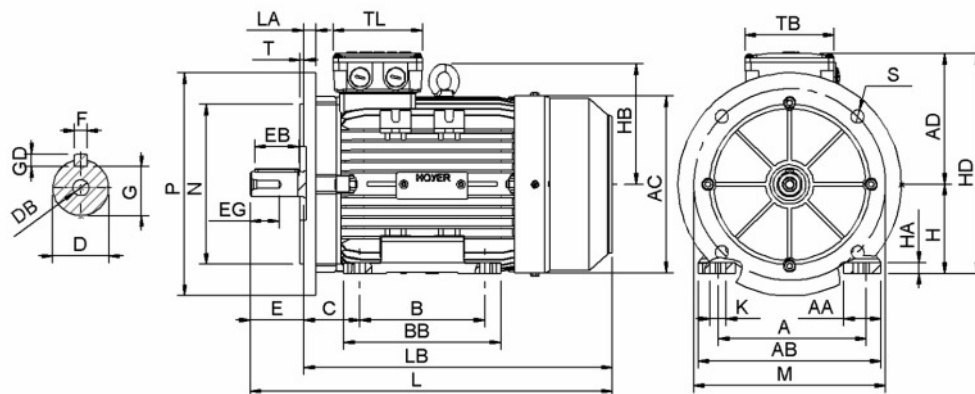




|          |          |         |          |          |             |
|----------|----------|---------|----------|----------|-------------|
| A = 140  | BB = 155 | EB = 40 | H = 90   | LA = 10  | S = 4 - Ø12 |
| AA = 35  | C = 56   | EG = 24 | HA = 14  | LB = 312 | T = 3,50    |
| AB = 178 | D = 24j6 | F = 8   | HD = 220 | M = 165  | TB = 100    |
| AC = 175 | DB = M8  | G = 20  | K = 10   | N = 130  | TL = 100    |
| AD = 130 | E = 50   | GD = 7  | L = 362  | P = 200  |             |
| B = 125  |          |         |          |          |             |

**Type** ..... : **HMA3 90L-2**  
**Mounting** ..... : B35  
**Protection class** ..... : IP55  
**Insulations class** ..... : F  
**Standard** ..... : IEC 60034-1  
**Test standard** ..... : IEC 60034-2-1  
**Altitude above s.l. max.(m)** : 1000  
**Cooling method** ..... : IC411/TEFC  
**Poles** ..... : 2  
**Painting** ..... : Ral 9005  
**DE. Bearing** ..... : 6205-ZZ/C3  
**NDE. Bearing** ..... : 6205-ZZ/C3  
**Bearing fixed in** ..... : D-end  
**Weight (kg)** ..... : 19

Rotor inertia (kgm<sup>2</sup>) ..... : 0,00278  
 Noise level (dB(A)) ..... : 65  
 Vibration class ..... : Grade-A  
 No load current (A) ..... : 2,17  
 Winding resistance (ohm) : 2,1  
 Starting time ..... : 10  
 Temperature rise winding : 58  
 Temperature rise surface : 0  
 Cable glands ..... : 2xM20x1,5  
 Clamping range ..... : only blind plugs  
 Blind plug ..... :  
 Terminal board thread : M4  
 Thermal protection ..... : PTC 3x155C  
 Space heater ..... :  
 Starting method ..... :

Rated power (kW) ..... : 2,2  
 Frequency (Hz) ..... : 50  
 Voltage (V) ..... : 230 400  
 Connection ..... : D Y  
 Full load current (A) ..... : 7,60 4,40  
 Speed (rpm) ..... : 2920  
 Power factor cos(phi) ..... : 0,83  
 Efficiency, 100/75/50 (%) : 87,5 87,7 86,3  
 Efficiency class ..... : IE3  
 Ist/In ..... : 9,3  
 Full load torque (Nm) ..... : 7,2  
 Tst/Tn ..... : 3  
 Tmax /Tn ..... : 3,5  
 Duty ..... : S1  
 Ambient temp. (°C) ..... : 40

According to ..... :  
 Special features ..... :