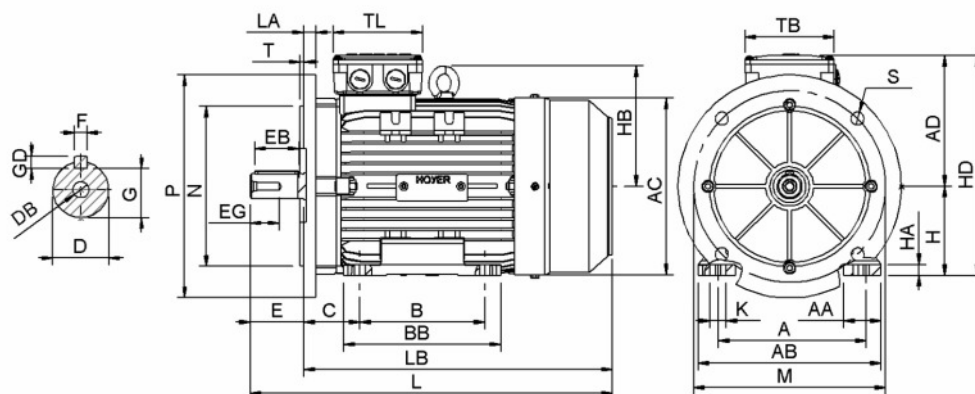




A = 140	BB = 155	EB = 40	H = 90	LA = 10	S = 4 - Ø12
AA = 35	C = 56	EG = 24	HA = 14	LB = 278	T = 3,50
AB = 178	D = 24j6	F = 8	HD = 220	M = 165	TB = 100
AC = 175	DB = M8	G = 20	K = 10	N = 130	TL = 100
AD = 130	E = 50	GD = 7	L = 328	P = 200	
B = 100					

Type : **HMA3 90S-4**
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 : 4
Painting : Ral 9005
DE. Bearing : 6205-ZZ/C3
NDE. Bearing : 6205-ZZ/C3
Bearing fixed in : D-end
Weight (kg) : 15

Rotor inertia (kgm²) : 0,00372
 Noise level (dB(A)) : 60
 Vibration class : Grade-A
 No load current (A) : 1,45
 Winding resistance (ohm) : 3,7
 Starting time : 10
 Temperature rise winding : 44
 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) : 1,10
 Frequency (Hz) : 50
 Voltage (V) : 230 400
 Connection : D Y
 Full load current (A) : 4,20 2,40
 Speed (rpm) : 1450
 Power factor cos(phi) : 0,77
 Efficiency, 100/75/50 (%) . : 84,5 84,7 83,1
 Efficiency class : IE3
 Ist/In : 8
 Full load torque (Nm) : 7,3
 Tst/Tn : 2,5
 Tmax /Tn : 3
 Duty : S1
 Ambient temp. (°C) : 40

According to :
 Special features :