



AC = 175	EB = 40	H = 90	P = 136
AD = 130	EG = 19	L = 362	S = 4 - M8
B = 0	F = 8	LB = 312	T = 3
D = 24	G = 20	M = 115	TB = 100
DB = M8	GD = 7	N = 95	TL = 100
E = 50			

Type : **HMA3 90L-4**
Mounting : B14
Protection class : IP55
Insulations class : F/B
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) : 19

Rotor inertia (kgm²) : 0,00486
Noise level (dB(A)) : 60
Vibration class : Grade-A
No load current (A) : 2,12
Winding resistance (ohm) : 6,8
Starting time : 10
Temperature rise winding : 52
Temperature rise surface : 0
Cable glands : 1xM20x1,5
Clamping range : Ø8-13mm
Blind plug : 1xM20x1,5
Terminal board thread : M4
Thermal protection : PTC 3x155C
Space heater :
Starting method :

Rated power (kW) :	1,50	1,50
Frequency (Hz) :	60	50
Voltage (V) :	460	400 690
Connection :	D	D Y
Full load current (A) :	3,06	3,40 1,97
Speed (rpm) :	1730	1440
Power factor cos(phi) :	0,76	0,75
Efficiency, 100/75/50 (%) . . . :	86,5 86,5 85,5	85,4 86,2 85,5
Efficiency class :	IE3	IE3
Ist/In :	8,1	8,1
Full load torque (Nm) :	8,2	9,9
Tst/Tn :	2,9	2,9
Tmax /Tn :	3,2	3,2
Duty :	S1	S1
Ambient temp. (°C) :	40	40

According to :
Special features :