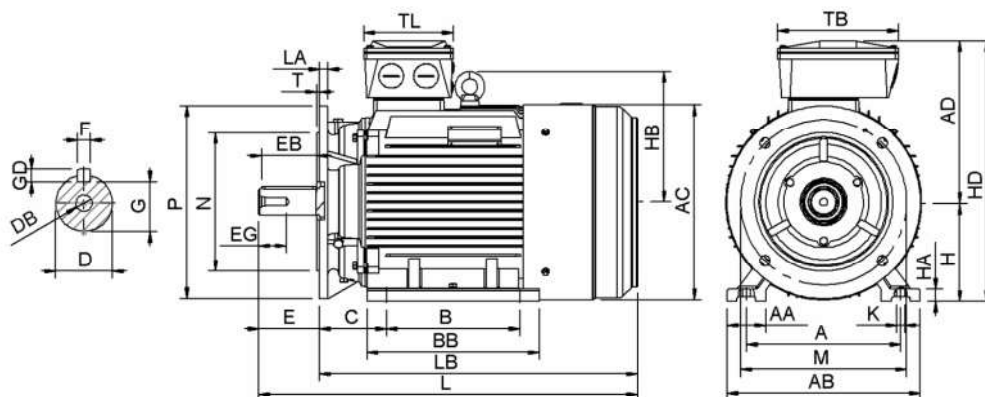




A = 254	BB = 260	EB = 100	H = 160	L = 609	P = 350
AA = 65	C = 108	EG = 36	HA = 20	LA = 14	S = 4 - Ø18,5
AB = 314	D = 42k6	F = 12	HB = 221	LB = 499	T = 5
AC = 313	DB = M16	G = 37	HD = 436	M = 300	TB = 218
AD = 276	E = 110	GD = 8	K = 14,50	N = 250	TL = 162
B = 210					

Type : **HMC3 160M-4**
Mounting : B35
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 : 6309-ZZ/C3
NDE. Bearing : 6309-ZZ/C3
Bearing fixed in : D-end
Weight (kg) : 141

Rotor inertia (kgm²) : 0,106
 Noise level (dB(A)) : 66
 Vibration class : Grade-A
 No load current (A) : 9,34
 Winding resistance (ohm) : 0,67
 Starting time : 10
 Temperature rise winding : 64
 Temperature rise surface : 0
 Cable glands : 2 x M40x1,5
 Clamping range : only blind plugs
 Blind plug : 2 x M20x1,5
 Terminal board thread ... : M6
 Thermal protection : PTC 3x155C
 Space heater :
 Starting method :

Rated power (kW)	11,0	13,2
Frequency (Hz)	50	60
Voltage (V)	400 690	480 830
Connection	D Y	D Y
Full load current (A)	20,6 11,9	20,6 11,9
Speed (rpm)	1470	1760
Power factor cos(phi)	0,85	0,85
Efficiency, 100/75/50 (%) ..	91,4 91,9 89,9	91,4 91,9 89,9
Efficiency class	IE3	IE2
Ist/In	10,2	10,2
Full load torque (Nm)	70	70
Tst/Tn	3,5	3,5
Tmax /Tn	3,8	3,8
Duty	S1	S1
Ambient temp. (°C)	40	40

According to :
 Special features :