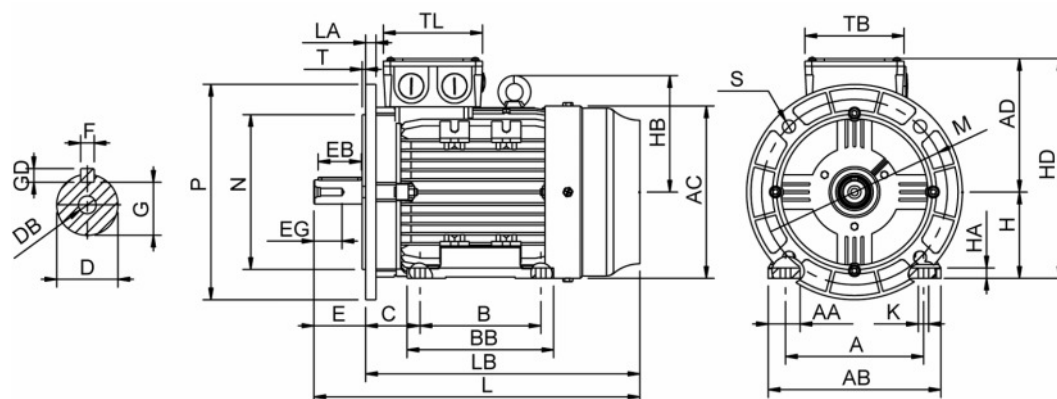




A = 279	BB = 304	EB = 100	H = 180	L = 690	P = 350
AA = 70	C = 121	EG = 40	HA = 25	LA = 15	S = 4 - Ø19
AB = 350	D = 48jk6	F = 14	HB = 233	LB = 580	T = 5
AC = 356	DB = M16	G = 42,50	HD = 440	M = 300	TB = 190
AD = 260	E = 110	GD = 9	K = 15	N = 250	TL = 182
B = 241					

Type : **HMC3 180M-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 : 6311-ZZ/C3
NDE. Bearing : 6211-ZZ/C3
Bearing fixed in : D-end
Weight (kg) : 190

Rotor inertia (kgm²) : 0,187
 Noise level (dB(A)) : 66
 Vibration class : Grade-A
 No load current (A) : 12,1
 Winding resistance (ohm) : 0,40
 Starting time : 10
 Temperature rise winding : 61
 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)	18,5	22,2
Frequency (Hz)	50	60
Voltage (V)	400 690	480 830
Connection	D Y	D Y
Full load current (A)	33,1 19,1	33,1 19,1
Speed (rpm)	1470	1760
Power factor cos(phi)	0,88	0,88
Efficiency, 100/75/50 (%) ..	92,6 93,2 91,8	92,6 93,2 91,8
Efficiency class	IE3	IE2
Ist/In	7,8	7,8
Full load torque (Nm)	119	119
Tst/Tn	2,5	2,5
Tmax /Tn	3,4	3,4
Duty	S1	S1
Ambient temp. (°C)	40	40

According to :
 Special features :