



AC = 313	EB = 100	H = 160	M = 300	TB = 218
AD = 276	EG = 36	HB = 221	N = 250	TL = 162
B = 0	F = 12	L = 653	P = 350	
D = 42	G = 37	LA = 14	S = 4 - Ø18,5	
DB = M16	GD = 8	LB = 543	T = 5	
E = 110				

Type : HMC3 160L-4
Mounting : B5
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) : 151

Rotor inertia (kgm²) : 0,134
Noise level (dB(A)) : 66
Vibration class : Grade-A
No load current (A) : 12,3
Winding resistance (ohm) : 0,16
Starting time : 10
Temperature rise winding : 74
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)	15,0	18,0
Frequency (Hz)	50	60
Voltage (V)	230 400	280 480
Connection	D Y	D Y
Full load current (A)	48,3 27,8	48,3 27,8
Speed (rpm)	1470	1760
Power factor cos(phi)	0,85	0,85
Efficiency, 100/75/50 (%)	92,1 92,7 91,1	92,1 92,7 91,1
Efficiency class	IE3	IE2
Ist/In	10,1	10,1
Full load torque (Nm)	96	96
Tst/Tn	3,5	3,5
Tmax /Tn	3,8	3,8
Duty	S1	S1
Ambient temp. (°C)	40	40

According to :
 Special features :