



A = 279	BB = 349	EB = 100	H = 180	L = 726	P = 350
AA = 70	C = 121	EG = 40	HA = 22	LA = 15	S = 4 - Ø18,5
AB = 349	D = 48jk6	F = 14	HB = 237	LB = 616	T = 5
AC = 354	DB = M16	G = 42,50	HD = 472	M = 300	TB = 218
AD = 292	E = 110	GD = 9	K = 14,50	N = 250	TL = 162
B = 279					

Type : **HMC3 180L-6**
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 : 6
Painting : Ral 9005
DE. Bearing : 6311-ZZ/C3
NDE. Bearing : 6311-ZZ/C3
Bearing fixed in : D-end
Weight (kg) : 203

Rotor inertia (kgm²) : 0,284
Noise level (dB(A)) : 63
Vibration class : Grade-A
No load current (A) : 13,7
Winding resistance (ohm) : 0,57
Starting time : 10
Temperature rise winding : 69
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) :	400 690	480 830
Connection :	D Y	D Y
Full load current (A) :	29,2 16,8	29,2 16,8
Speed (rpm) :	980	1175
Power factor cos(phi) :	0,82	0,82
Efficiency, 100/75/50 (%) . . . :	91,7 92,3 90,5	91,7 92,3 90,5
Efficiency class :	IE3	IE2
Ist/In :	6	6
Full load torque (Nm) :	144	144
Tst/Tn :	2,2	2,2
Tmax /Tn :	2,6	2,6
Duty :	S1	S1
Ambient temp. (°C) :	40	40

According to :
 Special features :