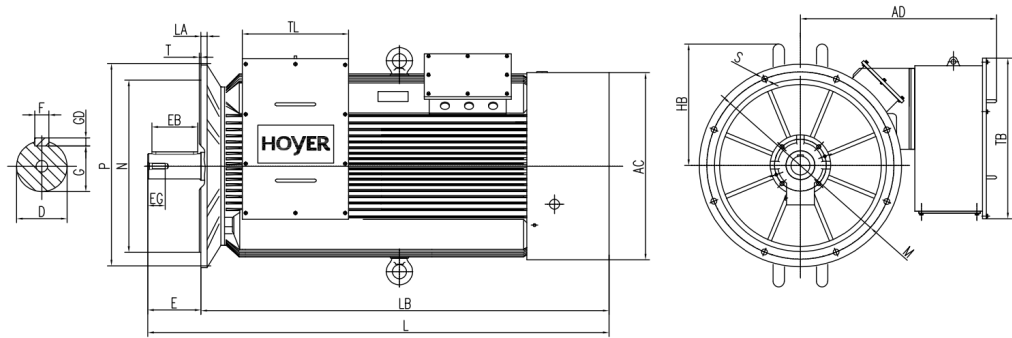


Data Sheet

Itemnumber....: 77635507000



AC = 720	D = 100	EB = 180	G = 90	HB = 480	LB = 1620	P = 800	TB = 635
AD = 780	DB = M24	EG = 45	GD = 16	L = 1830	M = 740	S = 8-024	TL = 420
C = 254	E = 210	F = 28	H = 355	LA = 25	N = 680	T = 6	

Version Type.....: HMCA2 355H-6 Design.....: Induction motor Standard series.....: IEC 60034 Phase / Voltage range.....: 3~ / Medium	Mechanical design Frame size.....: 355 Mounting.....: V1 Rain cap.....: No Protection class.....: IP55 Cooling method.....: IC411/TEFC External grounding.....: Yes Drain hole.....: Yes Frame material.....: Cast Iron Material approval.....: No Shaft.....: IEC standard Key.....: Closed key Balancing.....: Half key balancing Vibration class.....: Grade-A Weight (kg).....: 2.200	Bearing DE Bearing.....: 7322/C3 NDE Bearing.....: 6322/C3 Fixed bearing.....: NDE Insulated NDE bearing fit...: Yes
Electrical design Efficiency.....: No class Pole.....: 6 Power at 50 Hz (kW).....: 160,00 Hz.....: 50 Voltage.....: 3000V Winding voltage.....: 3000VY 50 Hz Power output (kW).....: 160 Duty.....: S1 Insulation class.....: F Temperature rise.....: B	Environment condition Ambient temp. min. (°C)...: -20 Ambient temp. max. (°C)...: 40 Altitude (mtr up to).....: 1000	Terminal box Tbox position.....: Main:R Y:No Aux:R Cable entry direction.....: Right (from DE) Cable entry Main.....: Mechanical interface SST - plate Auxiliary.....: 3 x M20x1,5 Metal blindcaps Terminal board thread.....: M16
Motor protection Thermal protection main....: 2x PTC 3x 155 dgr Thermal protection second..: None Space heater.....: 220V-230V 2x 100W Temperature detector.....: 6 PT100 winding + 1 PT100 DE & 1 PT100 NDE bearing SPM.....: No IR wire.....: No Tropical insulation.....: Yes		Test values Rotor inertia (kgm²).....: 9,00 Noise level (dB(A)).....: 87 No load current (A).....: 15,2 Winding resist. (ohm).....: 0,62 Starting time (sec.).....: 0,37 Temp. rise winding (K).....: 50 Temp. rise surface (K).....: 35
Explosion protection According to.....: None Type of protection.....: None		
General Direction of rotation.....: CW (CCW-Yes) Painting.....: RAL 9005 Nameplate.....: 40 & 50 Ambient Special packing.....: No Special requirements.....: No		

Rated power (kW)	160	132
Frequency (Hz)	50	50
Voltage (V)	3000	3000
Connection	Y	Y
Full load current (A)	40,0	33,0
Speed (rpm)	990	990
Power factor cos(phi)	0,84	0,83
Efficiency, 100/75/50 (%) . .	93,2/93,2/92,5	93,2/93,2/92,5
Ist/In	5,60	6,80
Full load torque (Nm)	1.540	1.280
Tst/Tn	1,70	2,06
Tmax/Tn	2,38	2,90
Duty	S1	S1
Ambient temp. (°C)	40	50