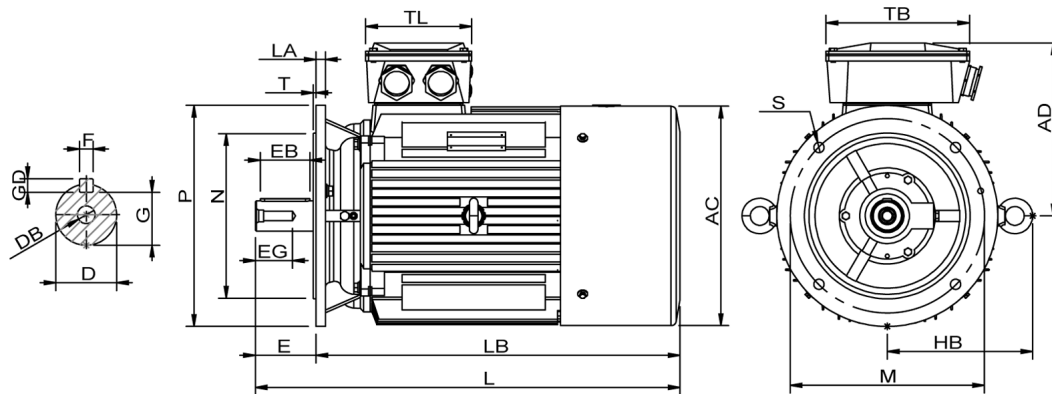


# Data Sheet

Itemnumber..... 3262001209



AC = 397	DB = M20	EG = 50	GD = 10	LA = 17	N = 300	T = 5
AD = 313	E = 110	F = 16	HB = 263	LB = 669	P = 400	TB = 260
D = 55	EB = 90	G = 49	L = 779	M = 350	S = 4-Ø18,5	TL = 192

## Version

Type..... HMC2 200L2-6  
Design..... Induction motor  
Standard series..... IEC 60034  
Phase / Voltage range..... 3~ / Low

## Electrical design

Efficiency..... IE2  
Pole..... 6  
Power at 50 Hz (kW)..... 22,0  
Hz..... 60 (60 Hz output)  
Voltage..... 440VD  
Winding voltage..... 400VD/690VY 50 Hz  
Power output (kW)..... 25,5  
Duty..... S1  
Insulation class..... F  
Temperature rise..... B

## Mechanical design

Frame size..... 200  
Mounting..... B5  
Rain cap..... No  
Protection class..... IP55  
Cooling method..... IC411/TEFC  
External grounding..... Yes  
Drain hole..... Yes  
Frame material..... Cast Iron  
Material approval..... None  
Shaft..... IEC Standard  
Key..... Closed key  
Balancing..... Half key balancing  
Vibration class..... Grade-A  
Weight (kg)..... 270

## Environment condition

Ambient temp. min. (°C)..... -20  
Ambient temp. max. (°C)..... 45  
Altitude (mtr up to)..... 1000

## Bearing

DE Bearing..... 6312-ZZ/C3  
NDE Bearing..... 6312-ZZ/C3  
Fixed bearing..... DE

## Terminal box

Tbox position..... Top  
Cable entry direction..... Right (from DE)  
Cable entry  
Main..... 2 x M50x1,5  
Ø32-38mm metal  
Accessory..... 2 x M20x1,5  
Metal blindcaps  
Terminal board thread..... 6-M8

## Test values

Rotor inertia (kgm²)..... 0,40  
Noise level (dB(A))..... 68  
No load current (A)..... 19,0  
Winding resist. (ohm)..... 0,29  
Starting time (sec.)..... 0,08  
Temp. rise winding (K)..... 71  
Temp. rise surface (K)..... 62

## Motor protection

Thermal protection main..... PTC 3x 155 dgr  
Thermal protection second.. None  
Space heater..... 1x 230V 60W  
Temperature detector..... No  
SPM..... No  
IR wire..... No  
Tropical insulation..... Yes

## Explosion protection

According to..... None  
Type of protection..... None

## General

Direction of rotation..... CW  
Painting..... RAL 9005  
Nameplate..... Multivoltage + VFD  
Special packing..... No  
Special requirements..... No

Rated power (kW)	22,0	21,4	26,5	25,5
Frequency (Hz)	50	50	60	60
Voltage (V)	400 690	380 660	480 830	440
Connection	D Y	D Y	D Y	D
Full load current (A)	42,0 24,4	43,5 25,0	42,0 24,4	44,0
Speed (rpm)	980	980	1160	1160
Power factor cos(phi)	0,83	0,84	0,83	0,84
Efficiency, 100/75/50 (%)	90,9/ 90,7 /90,3	90,9/ 90,7 /90,3	90,9/ 90,7 /90,3	90,3/ 90,1 /89,6
Ist/In	7,15	6,30	7,15	6,55
Full load torque (Nm)	218	210	218	210
Tst/Tn	2,80	2,60	2,80	2,44
Tmax/Tn	2,90	2,70	2,90	2,50
Duty	S1	S1	S1	S1
Ambient temp. (°C)	40	45	40	45