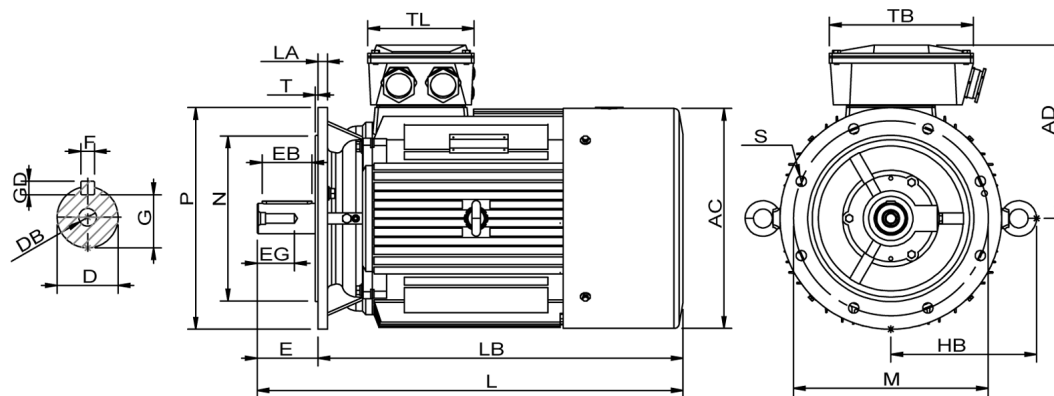


# Data Sheet

Itemnumber..... 3263551209



AC = 698	DB = M24	EG = 56	GD = 14	LA = 25	N = 680	T = 6
AD = 661	E = 170	F = 25	HB = 492	LB = 1349	P = 800	TB = 460
D = 95	EB = 160	G = 86	L = 1519	M = 740	S = 8-Ø24	TL = 330

## Version

Type..... HMC2 355M2-6  
Design..... Induction motor  
Standard series..... IEC 60034  
Phase / Voltage range..... 3~ / Low

## Electrical design

Efficiency..... IE2  
Pole..... 6  
Power at 50 Hz (kW)..... 200  
Hz..... 60 (60 Hz output)  
Voltage..... 440VD  
Winding voltage..... 400VD/690VY 50 Hz  
Power output (kW)..... 232  
Duty..... S1  
Insulation class..... F  
Temperature rise..... F

## Mechanical design

Frame size..... 355  
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)..... 1.750

## Environment condition

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

## Bearing

DE Bearing..... 6322/C3  
NDE Bearing..... 6322/C3  
Fixed bearing..... DE

## Terminal box

Tbox position..... Top  
Cable entry direction..... Right (from DE)  
Cable entry  
Main..... 2 x M72x2,0  
Ø46-52mm metal  
Accessory..... 2 x M20x1,5  
Metal blindcaps  
Terminal board thread..... 6-M16

## Test values

Rotor inertia (kgm²)..... 11,7  
No load current (A)..... 118  
Winding resist. (ohm)..... 0,012  
Starting time (sec.)..... 0,30

## Motor protection

Thermal protection main..... PTC 3x 155 dgr  
Thermal protection second..: None  
Space heater..... 1x 230V 100W  
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)	200	194	240	232
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)	345 200	355 206	345 200	365
Speed (rpm)	990	990	1180	1180
Power factor cos(phi)	0,88	0,89	0,88	0,89
Efficiency, 100/75/50 (%)	95,0/ 94,9 /94,3	95,0/ 94,9 /94,3	95,0/ 94,9 /94,3	94,7/ 94,5 /93,9
Ist/In	6,85	6,00	6,85	6,30
Full load torque (Nm)	1.920	1.860	1.920	1.860
Tst/Tn	2,36	2,20	2,36	2,04
Tmax/Tn	2,90	2,70	2,90	2,50
Duty	S1	S1	S1	S1
Ambient temp. (°C)	40	45	40	45