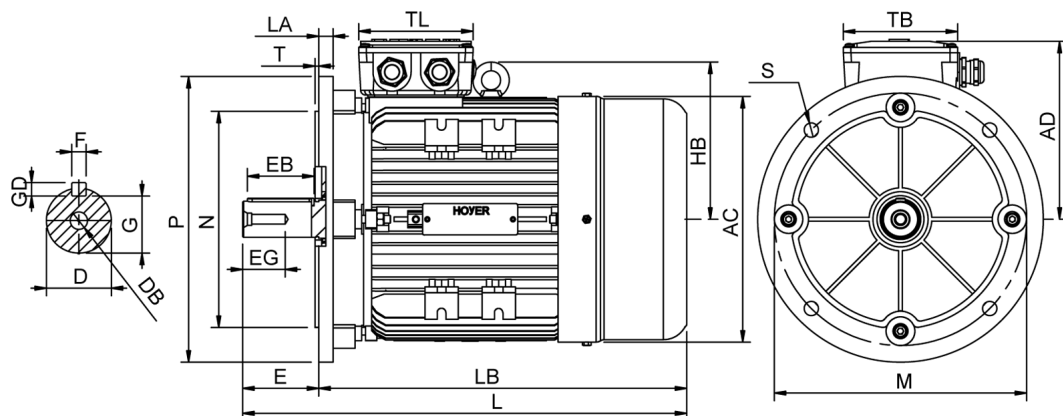


# Data Sheet

Itemnumber.....: 3260711208



AC = 139	DB = M5	EG = 13	GD = 5	LB = 219	P = 160	TB = 80
AD = 113	E = 30	F = 5	L = 249	M = 130	S = 4 - Ø10	TL = 80
D = 14	EB = 22	G = 11	LA = 9	N = 110	T = 3,50	

## Version

Type.....: HMA2 71 2-6  
Design.....: Induction motor  
Standard series.....: IEC 60034  
Phase / Voltage range.....: 3~ / Low

## Electrical design

Efficiency.....: IE2  
Pole.....: 6  
Power at 50 Hz (kW).....: 0,25  
Hz.....: 60 (60 Hz output)  
Voltage.....: 440VY  
Winding voltage.....: 230VD/400VY 50 Hz  
Power output (kW).....: 0,29  
Duty.....: S1  
Insulation class.....: F  
Temperature rise.....: B

## Mechanical design

Frame size.....: 71  
Mounting.....: B5  
Rain cap.....: No  
Protection class.....: IP55  
Cooling method.....: IC411/TEFC  
External grounding.....: Yes  
Drain hole.....: Yes  
Frame material.....: Aluminium  
Material approval.....: None  
Shaft.....: IEC standard  
Key.....: Closed key  
Balancing.....: Half key balancing  
Vibration class.....: Grade-A  
Weight (kg).....: 6,50

## Environment condition

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

## Bearing

DE Bearing.....: 6202-ZZ/C3  
NDE Bearing.....: 6202-ZZ/C3  
Fixed bearing.....: DE

## Terminal box

Tbox position.....: Top  
Cable entry direction.....: Right (from DE)  
Cable entry  
Main.....: 1 x M20x1,5  
Ø8-13mm metal  
Accessory.....: 1 x M20x1,5  
Metal blindcap  
Terminal board thread.....: M4

## Test values

Rotor inertia (kgm²).....: 0,0016  
Noise level (dB(A)).....: 54  
No load current (A).....: 0,65  
Winding resist. (ohm).....: 35,2  
Temp. rise winding (K).....: 42  
Temp. rise surface (K).....: 49

## Motor protection

Thermal protection main....: PTC 3x 155 dgr  
Thermal protection second..: None  
Space heater.....: None  
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)	0,25	0,24	0,30	0,29
Frequency (Hz)	50	50	60	60
Voltage (V)	230 400	220 380	280 480	440
Connection	D Y	D Y	D Y	Y
Full load current (A)	1,64 0,94	1,68 0,97	1,64 0,94	0,97
Speed (rpm)	910	910	1090	1090
Power factor cos(phi)	0,62	0,64	0,62	0,68
Efficiency, 100/75/50 (%)	61,6/ 64,6 /61,9	61,6/ 64,6 /61,9	61,6/ 64,6 /61,9	58,9/ 62,1 /59,2
Ist/In	3,20	2,85	3,20	2,95
Full load torque (Nm)	2,65	2,55	2,65	2,55
Tst/Tn	2,10	1,96	2,10	1,82
Tmax/Tn	2,30	2,14	2,30	2,00
Duty	S1	S1	S1	S1
Ambient temp. (°C)	40	45	40	45