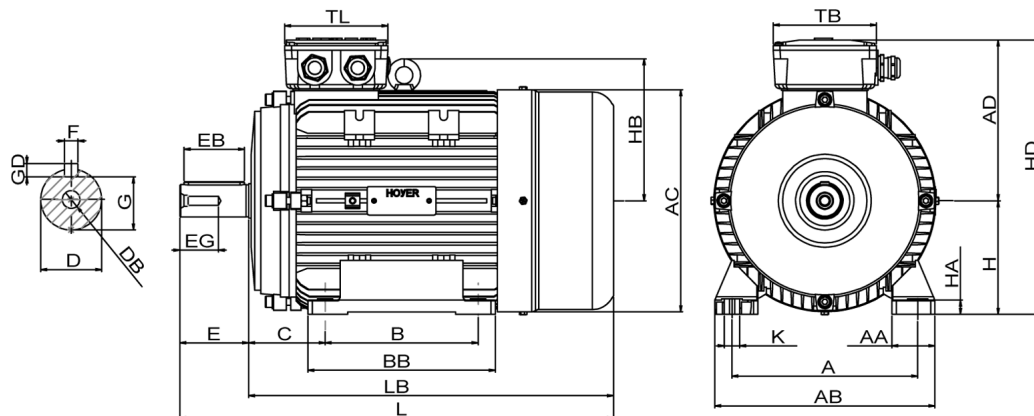


# Data Sheet

Itemnumber....: 3261321159



A = 216	AC = 258	BB = 218	DB = M12	EG = 30	GD = 8	HB = 165	L = 505	TL = 120
AA = 50	AD = 187	C = 89	E = 80	F = 10	H = 132	HD = 319	LB = 425	
AB = 256	B = 178	D = 38	EB = 70	G = 33	HA = 16,50	K = 12	TB = 120	

## Version

Type.....: HMA2 132M1-6  
Design.....: Induction motor  
Standard series.....: IEC 60034  
Phase / Voltage range.....: 3~ / Low

## Electrical design

Efficiency.....: IE2  
Pole.....: 6  
Power at 50 Hz (kW).....: 4,00  
Hz.....: 60 (60 Hz output)  
Voltage.....: 440VY  
Winding voltage.....: 230VD/400VY 50 Hz  
Power output (kW).....: 4,65  
Duty.....: S1  
Insulation class.....: F  
Temperature rise.....: B

## Mechanical design

Frame size.....: 132  
Mounting.....: B3  
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).....: 61,0

## Environment condition

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

## Bearing

DE Bearing.....: 6308-ZZ/C3  
NDE Bearing.....: 6308-ZZ/C3  
Fixed bearing.....: DE

## Terminal box

Tbox position.....: Top  
Cable entry direction.....: Right (from DE)  
Cable entry  
Main.....: 2 x M25x1,5  
Ø11-17mm metal  
Accessory.....: 1 x M20x1,5  
Metal blindcap  
Terminal board thread.....: 6-M5

## Test values

Rotor inertia (kgm²).....: 0,044  
Noise level (dB(A)).....: 63  
No load current (A).....: 5,25  
Winding resist. (ohm).....: 1,17  
Starting time (sec.).....: 0,00  
Temp. rise winding (K).....: 62  
Temp. rise surface (K).....: 54

## 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)	4,00	3,90	4,80	4,65
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)	15,4 8,85	15,8 9,15	15,4 8,85	9,15
Speed (rpm)	970	970	1170	1170
Power factor cos(phi)	0,77	0,78	0,77	0,75
Efficiency, 100/75/50 (%)	84,6/ 84,6 /82,5	84,6/ 84,6 /82,5	84,6/ 84,6 /82,5	83,5/ 83,5 /81,2
Ist/In	7,15	6,30	7,15	6,60
Full load torque (Nm)	39,5	38,0	39,5	38,0
Tst/Tn	2,08	1,94	2,08	1,80
Tmax/Tn	2,50	2,32	2,50	2,16
Duty	S1	S1	S1	S1
Ambient temp. (°C)	40	45	40	45