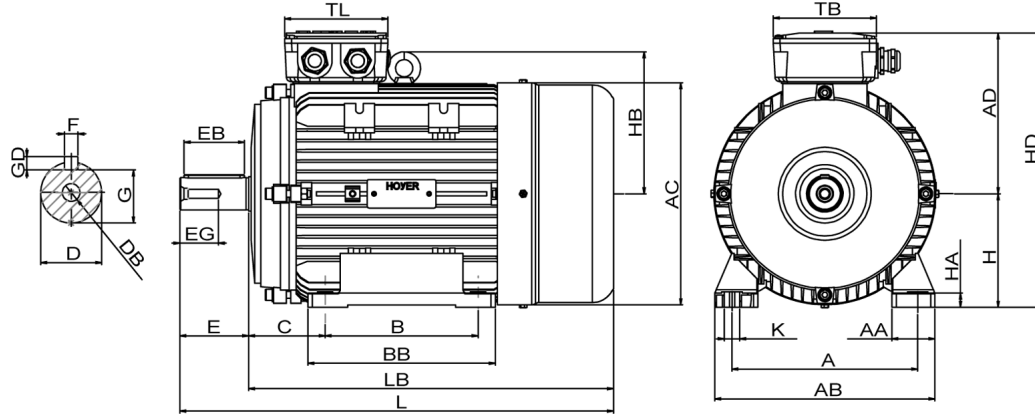


# Data Sheet

Itemnumber....: 3221320109



A = 216	AC = 258	BB = 180	DB = M12	EG = 30	GD = 8	HB = 165	L = 467	TL = 120
AA = 50	AD = 187	C = 89	E = 80	F = 10	H = 132	HD = 319	LB = 387	
AB = 256	B = 140	D = 38	EB = 70	G = 33	HA = 16,50	K = 12	TB = 120	

<b>Version</b> Type.....: HMA2 132S1-2 Design.....: Induction motor Standard series.....: IEC 60034 Phase / Voltage range.....: 3~ / Low	<b>Mechanical design</b> 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).....: 45,0	<b>Bearing</b> DE Bearing.....: 6308-ZZ/C3 NDE Bearing.....: 6308-ZZ/C3 Fixed bearing.....: DE
<b>Electrical design</b> Efficiency.....: IE2 Pole.....: 2 Power at 50 Hz (kW).....: 5,50 Hz.....: 60 (60 Hz output) Voltage.....: 440VD Winding voltage.....: 400VD/690VY 50 Hz Power output (kW).....: 6,40 Duty.....: S1 Insulation class.....: F Temperature rise.....: B	<b>Environment condition</b> Ambient temp. min. (°C)..: -20 Ambient temp. max. (°C)..: 45 Altitude (mtr up to).....: 1000	<b>Terminal box</b> Tbox position.....: Top Cable entry direction.....: Right (from DE) Cable entry Main.....: 2 x M25x1,5 Ø11-17mm metal 1 x M20x1,5 Accessory.....: Metal blindcap Terminal board thread.....: 6-M5

**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

	5,50	5,35	6,60	6,40
Rated power (kW) . . . . .	5,50	5,35	6,60	6,40
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) . . . . .	10,00 5,85	10,4 6,00	10,00 5,85	10,4
Speed (rpm) . . . . .	2920	2920	3500	3500
Power factor cos(phi) . . . . .	0,91	0,91	0,91	0,86
Efficiency, 100/75/50 (%) . . . . .	87,0/87,3/86,0	87,0/87,3/86,0	87,0/87,3/86,0	86,4/86,7/85,3
Ist/In . . . . .	7,70	6,75	7,70	7,05
Full load torque (Nm) . . . . .	18,0	17,4	18,0	17,4
Tst/Tn . . . . .	2,20	2,04	2,20	1,90
Tmax/Tn . . . . .	2,90	2,70	2,90	2,50
Duty . . . . .	S1	S1	S1	S1
Ambient temp. (°C) . . . . .	40	45	40	45

