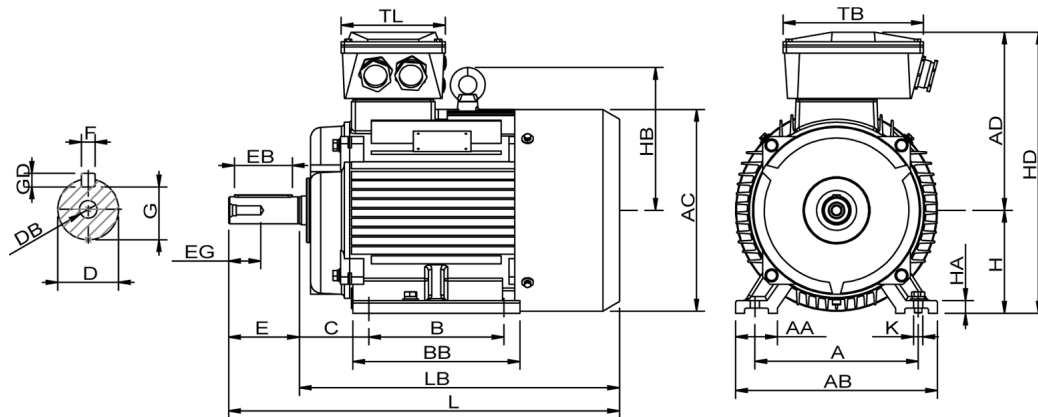


Data Sheet

Itemnumber....: 3263153109



A = 508	AC = 620	BB = 680	DB = M20	EG = 56	GD = 14	HB = 432	L = 1318	TL = 280
AA = 120	AD = 546	C = 216	E = 170	F = 22	H = 315	HD = 861	LB = 1148	
AB = 628	B = 508	D = 80	EB = 140	G = 71	HA = 45	K = 28	TB = 400	

Version

Type.....: HMC2 315L2-6
Design.....: Induction motor
Standard series.....: IEC 60034
Phase / Voltage range.....: 3~ / Low

Electrical design

Efficiency.....	: IE2
Pole.....	: 6
Power at 50 Hz (kW).....	: 132
Hz.....	: 60 (60 Hz output)
Voltage.....	: 440VD
Winding voltage.....	: 400VD/690VY 50 Hz
Power output (kW).....	: 154
Duty.....	: S1
Insulation class.....	: F
Temperature rise.....	: B

Mechanical design

Frame size.....	315
Mounting.....	B3
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).....	1.150

Environment condition

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

Bearing

Bearing.....: 6319/C3
NDE Bearing.....: 6319/C3
Fixed bearing.....: DE

Terminal box

Thox position.....	Top
Cable entry direction.....	Right (from DE)
Cable entry	
Main.....	2 x M63x1,5
	Ø37-44mm metal
Accessory.....	2 x M20x1,5
	Metal blindcaps
Terminal board thread.....	6-M16

Motor protection

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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

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Explosion protection

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

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General

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

Rated power (kW)	132	128	158	154
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)	234 136	242 140	234 136	246
Speed (rpm)	990	990	1180	1180
Power factor cos(phi)	0,86	0,87	0,86	0,87
Efficiency, 100/75/50 (%)	94,6/ 94,2 /93,6	94,6/ 94,2 /93,6	94,6/ 94,2 /93,6	94,2/ 93,8 /93,2
Ist/In	6,75	5,95	6,75	6,20
Full load torque (Nm)	1.280	1.240	1.280	1.240
Tst/Tn	2,46	2,30	2,46	2,14
Tmax/Tn	2,60	2,40	2,60	2,24
Duty	S1	S1	S1	S1
Ambient temp. (°C)	40	45	40	45