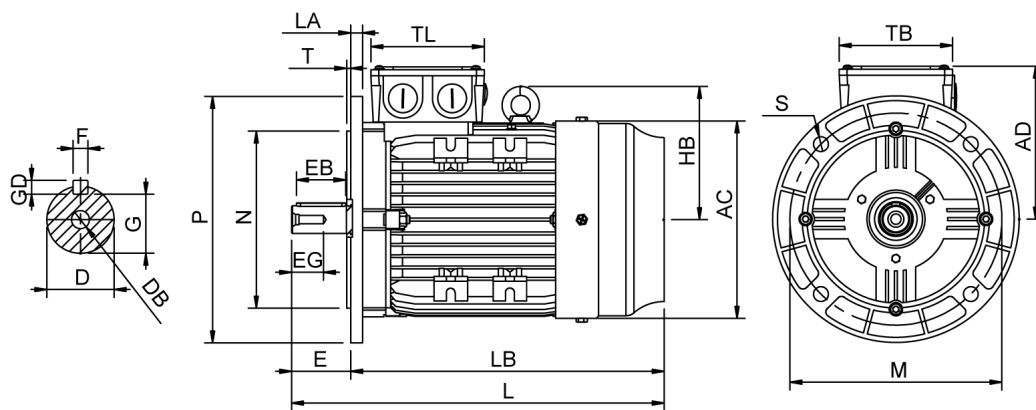


Data Sheet

Itemnumber.....: 6041320200



AC = 260	DB = M12	EG = 30	GD = 8	LA = 14	N = 230	T = 4
AD = 192	E = 80	F = 10	HB = 180	LB = 395	P = 300	TB = 138
D = 38	EB = 70	G = 33	L = 475	M = 265	S = 4-Ø14.5	TL = 138

Version

Type.....: HMA4 132S-4
Design.....: Induction motor
Standard series.....: IEC 60034
Phase / Voltage range.....: 3~ / Low

Electrical design

Efficiency.....: IE4
Pole.....: 4
Power at 50 Hz (kW).....: 5,50
Hz.....: 50
Voltage.....: 400VD/690VY
Winding voltage.....: 400VD/690VY 50 Hz
Power output (kW).....: 5,50
Duty.....: S1
Insulation class.....: F
Temperature rise.....: B

Mechanical design

Frame size.....: 132
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).....: 45,0

Environment condition

Ambient temp. min. (°C).....: -20
Ambient temp. max. (°C).....: 40
Altitude (mtr up to).....: 1000

Bearing

DE Bearing.....: 6208-ZZ/C3
NDE Bearing.....: 6206-ZZ/C3
Fixed bearing.....: DE

Terminal box

Tbox position.....: Top
Cable entry direction.....: Right (from DE)
Cable entry
Main.....: 2 x M32x1,5
Plastic blindcaps
Accessory.....: 1 x M20x1,5
Plastic blindcap
Terminal board thread.....: M5

Test values

Rotor inertia (kgm²).....: 0,042
Noise level (dB(A)).....: 57
Starting time (sec.).....: 0,07

Motor protection

Thermal protection main.....: PTC 3x 155 dgr
Thermal protection second..: None
Space heater.....: None None
Temperature detector.....: No
SPM.....: No
IR wire.....: No
Tropical insulation.....: No

Explosion protection

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

General

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

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)	10,8 6,25	11,2 6,45	10,8 6,25	11,2
Speed (rpm)	1460	1460	1760	1760
Power factor cos(phi)	0,80	0,81	0,80	0,82
Efficiency, 100/75/50 (%)	91,9/91,2/90,0	91,9/91,2/90,0	91,9/91,2/90,0	91,3/90,6/89,3
Ist/In	9,30	8,20	9,30	8,55
Full load torque (Nm)	36,0	35,0	36,0	35,0
Tst/Tn	3,20	3,00	3,20	2,75
Tmax/Tn	3,30	3,05	3,30	2,85
Duty	S1	S1	S1	S1
Ambient temp. (°C)	40	45	40	45