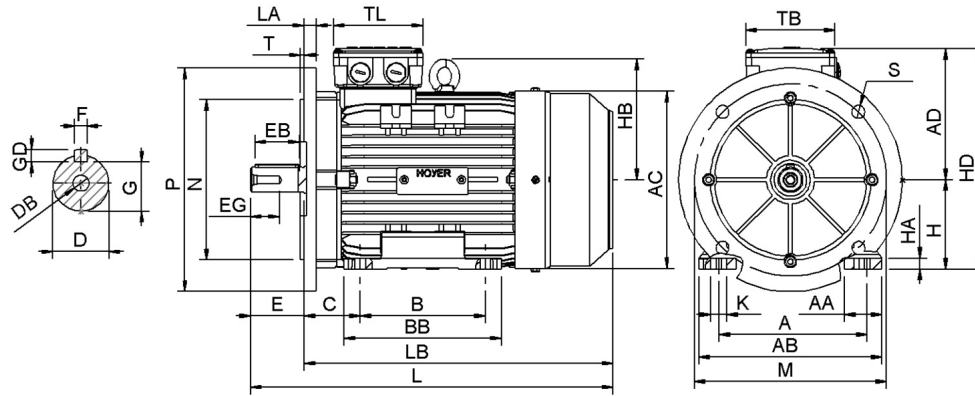


Data Sheet

Itemnumber....: 5581321400



A = 216	AC = 258	BB = 218	DB = M12	EG = 30	GD = 8	HB = 165	L = 501	M = 265	S = 4-Ø14,5	TL = 120
AA = 50	AD = 187	C = 89	E = 80	F = 10	H = 132	HD = 319	LA = 15	N = 230	T = 4	
AB = 256	B = 178	D = 38	EB = 70	G = 33	HA = 16,50	K = 12	LB = 421	P = 300	TB = 120	

Version
 Type.....: HMA3 132M-8
 Design.....: Induction motor
 Standard series.....: IEC 60034
 Phase / Voltage range.....: 3~ / Low

Electrical design
 Efficiency.....: IE3
 Pole.....: 8
 Power at 50 Hz (kW).....: 3,00
 Hz.....: 50
 Voltage.....: 400VD/690VY
 Winding voltage.....: 400VD/690VY 50 Hz
 Power output (kW).....: 3,00
 Duty.....: S1
 Insulation class.....: F
 Temperature rise.....: B

Mechanical design
 Frame size.....: 132
 Mounting.....: B35
 Rain cap.....: No
 Protection class.....: IP55
 Cooling method.....: IC411/TEFC
 External grounding.....: No
 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).....: 68,0

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
 Plastic blindcaps
 1 x M20x1,5
 Accessory.....: Plastic blindcap
 Terminal board thread.....: 6-M5

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

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.....: No

Explosion protection
 According to.....: None

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

Rated power (kW)	3,00	2,90	3,60	3,50
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)	7,25 4,20	7,45 4,30	7,25 4,20	7,45
Speed (rpm)	720	720	870	870
Power factor cos(phi)	0,72	0,73	0,72	0,74
Efficiency, 100/75/50 (%)	83,5/ 83,8 /82,2	83,5/ 83,8 /82,2	83,5/ 83,8 /82,2	82,3/ 82,7 /81,0
Ist/In	6,60	5,80	6,60	6,10
Full load torque (Nm)	39,5	38,5	39,5	38,5
Tst/Tn	2,85	2,65	2,85	2,46
Tmax/Tn	3,25	3,00	3,25	2,80
Duty	S1	S1	S1	S1
Ambient temp. (°C)	40	45	40	45