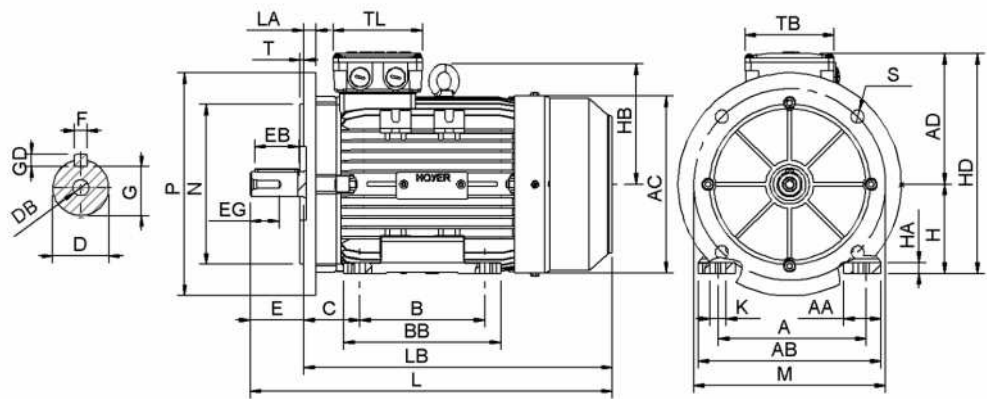


Data Sheet

Itemnumber....: 5541000409



A = 160	AC = 198	BB = 176	DB = M10	EG = 28	GD = 7	HD = 247	LA = 14	N = 180	T = 4
AA = 42	AD = 147	C = 63	E = 60	F = 8	H = 100	K = 12	LB = 346	P = 250	TB = 100
AB = 205	B = 140	D = 28	EB = 50	G = 24	HA = 12	L = 406	M = 215	S = 4-014,5	TL = 100

Version Type.....: HMA3 100L1-4 Design.....: Induction motor Standard series.....: IEC 60034 Phase / Voltage range.....: 3~ / Low	Mechanical design Frame size.....: 100 Mounting.....: B35 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).....: 27,0	Bearing DE Bearing.....: 6206-ZZ/C3 NDE Bearing.....: 6206-ZZ/C3 Fixed bearing.....: DE
Electrical design Efficiency.....: IE3 Pole.....: 4 Power at 50 Hz (kW).....: 2,20 Hz.....: 50 Voltage.....: 230VD/400VY Winding voltage.....: 230VD/400VY 50 Hz Power output (kW).....: 2,20 Duty.....: S1 Insulation class.....: F Temperature rise.....: B	Environment condition Ambient temp. min. (°C)....: -20 Ambient temp. max. (°C)....: 40 Altitude (mtr up to).....: 1000	Terminal box Tbox position.....: Top Cable entry direction.....: Right (from DE) Cable entry Main.....: 2 x M20x1,5 Plastic blindcaps Accessory.....: 1 x M20x1,5 Plastic blindcap Connection type.....: Star (Y) Terminal board thread.....: 6-M4
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		Test values Rotor inertia (kgm²).....: 0,0093 Noise level (dB(A)).....: 56 No load current (A).....: 2,44 Winding resist. (ohm).....: 1,90 Starting time (sec.).....: 0,04 Temp. rise winding (K).....: 48 Temp. rise surface (K).....: 35
Explosion protection According to.....: None Type of protection.....: None		
General Direction of rotation.....: CW Painting.....: RAL 9005 Gloss 3 Nameplate.....: Multivoltage Special packing.....: No Special requirements.....: No		

Rated power (kW)	2,20	2,14	2,65	2,55
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)	7,95 4,60	8,20 4,75	7,95 4,60	4,75
Speed (rpm)	1460	1460	1750	1750
Power factor cos(phi)	0,80	0,81	0,80	0,82
Efficiency, 100/75/50 (%) . .	86,8/87,0/85,4	86,8/87,0/85,4	86,8/87,0/85,4	85,8/86,1/84,3
Ist/In	8,15	7,15	8,15	7,50
Full load torque (Nm)	14,4	14,0	14,4	14,0
Tst/Tn	3,00	2,80	3,00	2,60
Tmax/Tn	3,30	3,05	3,30	2,85
Duty	S1	S1	S1	S1
Ambient temp. (°C)	40	45	40	45