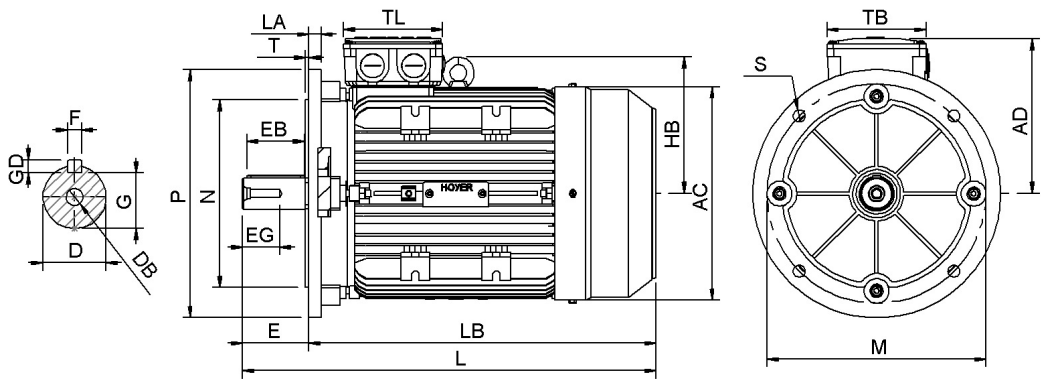


Data Sheet

Itemnumber....: 5540901259



AC = 175	DB = M8	EG = 24	GD = 7	LB = 312	P = 200	TB = 100
AD = 132	E = 50	F = 8	L = 362	M = 165	S = 4-Ø12	TL = 100
D = 24	EB = 40	G = 20	LA = 10	N = 130	T = 3,50	

Version Type.....: HMA3 90L-4 Design.....: Induction motor Standard series.....: IEC 60034 Phase / Voltage range.....: 3~ / Low	Mechanical design Frame size.....: 90 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).....: 22,0	Bearing DE Bearing.....: 6205-ZZ/C3 NDE Bearing.....: 6205-ZZ/C3 Fixed bearing.....: DE
Electrical design Efficiency.....: IE3 Pole.....: 4 Power at 50 Hz (kW).....: 1,50 Hz.....: 50 Voltage.....: 400VD/690VY Winding voltage.....: 400VD/690VY 50 Hz Power output (kW).....: 1,50 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 Accessory.....: NA 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).....: 0,0049 Noise level (dB(A)).....: 54 No load current (A).....: 2,20 Winding resist. (ohm).....: 6,36 Starting time (sec.).....: 0,03 Temp. rise winding (K).....: 44 Temp. rise surface (K).....: 36
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)	1,50	1,46	1,74
Frequency (Hz)	50	50	60
Voltage (V)	400 690	380 660	440
Connection	D Y	D Y	D
Full load current (A)	3,40 1,98	3,50 2,04	3,50
Speed (rpm)	1450	1450	1730
Power factor cos(phi)	0,74	0,75	0,77
Efficiency, 100/75/50 (%) . .	85,3/ 85,0 /82,5	85,3/ 85,0 /82,5	84,3/ 83,9 /81,3
Efficiency class	IE3	IE3	IE2
Ist/In	8,20	7,20	7,55
Full load torque (Nm)	9,85	9,55	9,55
Tst/Tn	2,85	2,65	2,46
Tmax/Tn	3,00	2,80	2,60
Duty	S1	S1	S1
Ambient temp. (°C)	40	45	45