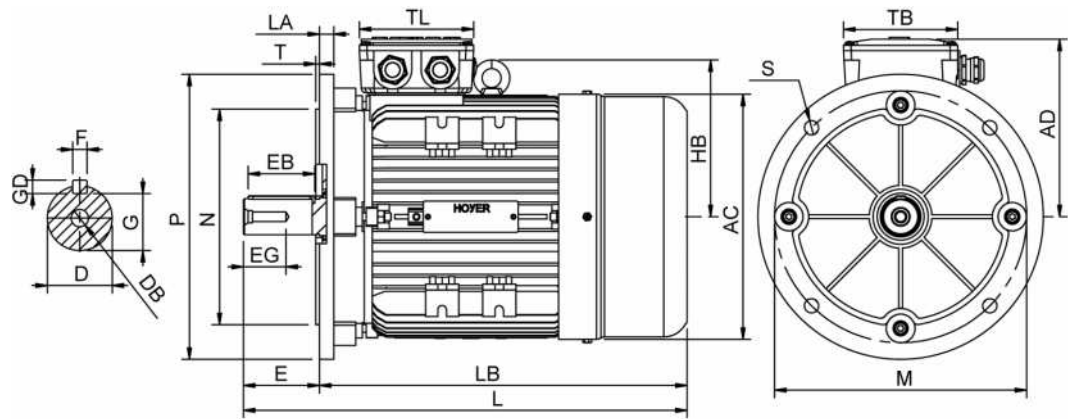


Data Sheet

Itemnumber....: 3240901299



AC = 175	DB = M8	EG = 24	GD = 7	LA = 10	N = 130	T = 3,50
AD = 132	E = 50	F = 8	H = 90	LB = 312	P = 200	TB = 100
D = 24	EB = 40	G = 20	L = 362	M = 165	S = 4-Ø12	TL = 100

Version Type.....: HMA2 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).....: 18,0	Bearing DE Bearing.....: 6205-ZZ/C3 NDE Bearing.....: 6205-ZZ/C3 Fixed bearing.....: DE
Electrical design Efficiency.....: IE2 Pole.....: 4 Power at 50 Hz (kW).....: 1,50 Hz.....: 60 (60 Hz output) Voltage.....: 690VY 60 Hz Winding voltage.....: 400VD/690VY 60 Hz Power output (kW).....: 1,74 Duty.....: S1 Insulation class.....: F Temperature rise.....: B	Environment condition Ambient temp. min. (°C)....: -20 Ambient temp. max. (°C)....: 45 Altitude (mtr up to).....: 1000	Terminal box Tbox position.....: Top Cable entry direction.....: Right (from DE) Cable entry Main.....: 1 x M20x1,5 Ø8-13mm metal Accessory.....: 1 x M20x1,5 Metal 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.....: Yes Tropical insulation.....: Yes		Test values Rotor inertia (kgm²).....: 0,0041 Noise level (dB(A)).....: 58 No load current (A).....: 1,70 Winding resist. (ohm).....: 5,47 Starting time (sec.).....: 0,00 Temp. rise winding (K).....: 67 Temp. rise surface (K).....: 59
Explosion protection According to.....: None		
General Direction of rotation.....: CW Painting.....: RAL 9005 Gloss 10 Nameplate.....: Multivoltage + VFD Special packing.....: No Special requirements.....: No		

Rated power (kW)	1,80	1,74
Frequency (Hz)	60	60
Voltage (V)	400 690	400 690
Connection	D Y	D Y
Full load current (A)	3,95 2,26	3,80 2,20
Speed (rpm)	1730	1730
Power factor cos(phi)	0,81	0,81
Efficiency, 100/75/50 (%) . .	82,9/83,8/82,8	82,9/83,8/82,8
Ist/In	7,95	8,20
Full load torque (Nm)	9,95	9,65
Tst/Tn	2,50	2,55
Tmax/Tn	3,10	3,20
Duty	S1	S1
Ambient temp. (°C)	40	45