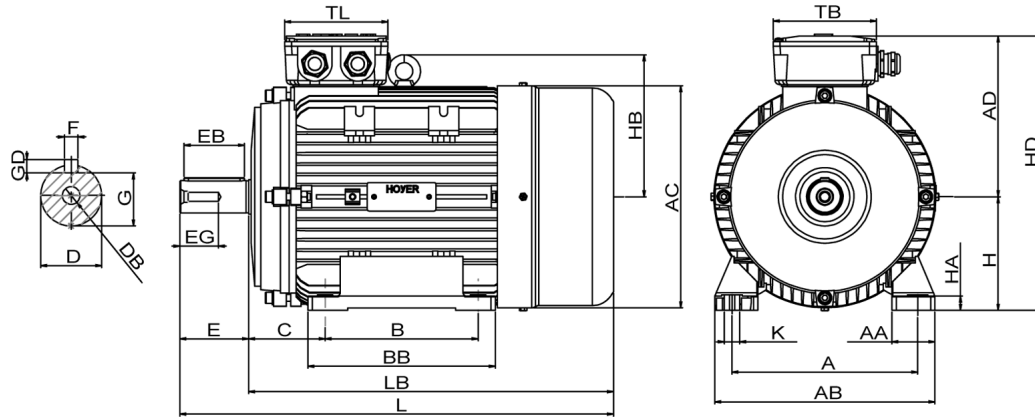


Data Sheet

Itemnumber....: 3240800108



A = 125	AC = 159	BB = 122	DB = M6	EG = 16	GD = 6	HD = 206	LB = 254
AA = 27	AD = 126	C = 50	E = 40	F = 6	H = 80	K = 10	TB = 100
AB = 159	B = 100	D = 19	EB = 32	G = 15,50	HA = 12	L = 294	TL = 100

<p>Version Type.....: HMA2 80 1-4 Design.....: Induction motor Standard series.....: IEC 60034 Phase / Voltage range.....: 3~ / Low</p> <p>Electrical design Efficiency.....: IE2 Pole.....: 4 Power at 50 Hz (kW).....: 0,55 Hz.....: 60 (60 Hz output) Voltage.....: 440VY Winding voltage.....: 230VD/400VY 50 Hz Power output (kW).....: 0,64 Duty.....: S1 Insulation class.....: F Temperature rise.....: B</p> <p>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.....: Yes</p> <p>Explosion protection According to.....: None Type of protection.....: None</p> <p>General Direction of rotation.....: CW Painting.....: RAL 9005 Nameplate.....: Multivoltage + VFD Special packing.....: No Special requirements.....: No</p>	<p>Mechanical design Frame size.....: 80 Mounting.....: B3 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).....: 10,00</p> <p>Environment condition Ambient temp. min. (°C)..: -20 Ambient temp. max. (°C)..: 45 Altitude (mtr up to).....: 1000</p>	<p>Bearing DE Bearing.....: 6204-ZZ/C3 NDE Bearing.....: 6204-ZZ/C3 Fixed bearing.....: DE</p> <p>Terminal box Tbox position.....: Top Cable entry direction.....: Right (from DE) Cable entry Main.....: 1 x M20x1,5 Ø8-13mm metal 1 x M20x1,5 Accessory.....: Metal blindcap Terminal board thread.....: 6-M4</p> <p>Test values Rotor inertia (kgm²).....: 0,0020 Noise level (dB(A)).....: 56 No load current (A).....: 1,00 Winding resist. (ohm).....: 10,4 Starting time (sec.).....: 0,00 Temp. rise winding (K).....: 50 Temp. rise surface (K).....: 51</p>
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Rated power (kW)	0,55	0,53	0,66	0,64
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)	2,50 1,44	2,60 1,50	2,50 1,44	1,50
Speed (rpm)	1440	1440	1730	1730
Power factor cos(phi)	0,71	0,73	0,71	0,76
Efficiency, 100/75/50 (%)	77,1/ 77,9 /75,8	77,1/ 77,9 /75,8	77,1/ 77,9 /75,8	75,5/ 76,3 /74,1
Ist/In	5,90	5,20	5,90	5,45
Full load torque (Nm)	3,65	3,55	3,65	3,55
Tst/Tn	2,65	2,44	2,65	2,28
Tmax/Tn	2,60	2,42	2,60	2,26
Duty	S1	S1	S1	S1
Ambient temp. (°C)	40	45	40	45