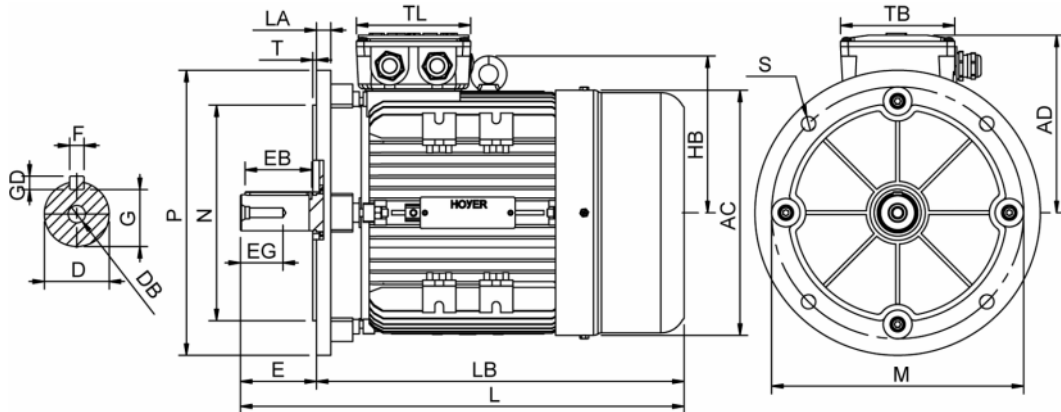


Data Sheet

HOYER

MOTORS

Customer reference:



AC = 158	EG = 16	HD = 208	N = 130	TL = 100
AD = 128	F = 6	L = 290	P = 200	
D = 19	G = 15,50	LA = 10	S = 4 - Ø12	
DB = M6	GD = 6	LB = 250	T = 3,50	
E = 40	H = 80	M = 165	TB = 100	
EB = 32				

Type : **HMA2 80 2-4**
Mounting : B5
Protection class : IP55
Insulations class : F/B
Standard : IEC 60034-1
Test standard : IEC 60034-2-1
Altitude above s.l. max.(m) : 1000
Cooling method : IC411/TEFC
Poles : 4
Painting : Ral 9005

DE. Bearing : 6204-ZZ/C3
NDE. Bearing : 6204-ZZ/C3
Bearing fixed in : D-end
Rotor inertia (kgm²) : 0,0017
Noise level (dB(A)) : 57
Vibration class : Grade-A
No load current (A) : 0,00
Winding resistance (ohm) : 0
Weight (kg) : 13

Rated power (kW)	0,75	0,87
Frequency (Hz)	50	60
Voltage (V)	230 400	440
Connection	D Y	Y
Full load current (A)	3,1 1,8	1,8
Speed (rpm)	1420	1690
Power factor cos(phi)	0,78	0,80
Efficiency, 1/1 load (%)	80,8	79,5
Ist/In	5,9	5,4
Full load torque (Nm)	5,0	4,9
Tst/Tn	2,5	2,2
Tmax /Tn	3,2	2,8
Duty	S1	S1
Ambient temp. (°C)	40	45

Efficiency class	IE2 at 230/400V 50Hz	Cable glands	1 x M20x1,5
Load	100% 75% 50%	Clamping range	Ø8-13mm
Efficiency (%)	80,8 81,1 78,8	Blind plug	1 x M20x1,5
		Terminal board thread	M4
		Termal protection	PTC 3x150C
Space heater			
Marine classification			
Special features			