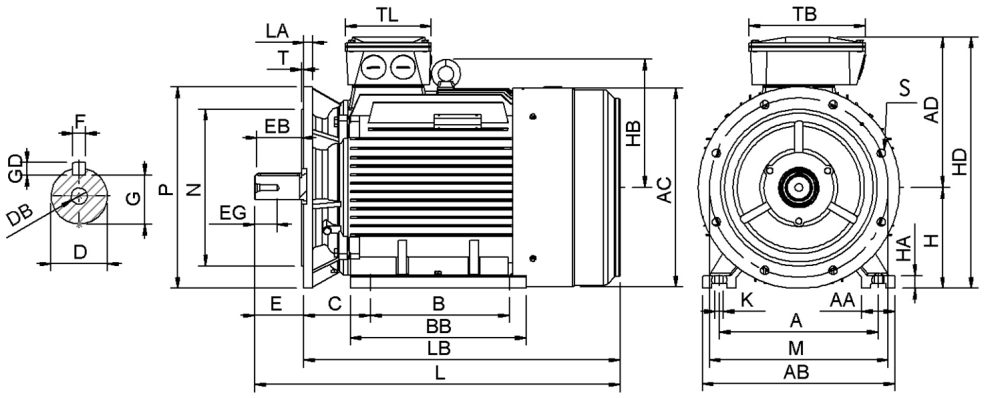
Data Sheet

HOYER MOTORS



A = 508	BB = 680	EB = 160	H = 315	L = 1333	P = 660
AA = 120	C = 216	EG = 56	HA = 45	LA = 22	S = 8-Ø24
AB = 628	D = 80	F = 22	HB = 430	LB = 1163	T = 6
AC = 618	DB = M20	G = 71	HD = 861	M = 600	TB = 420
AD = 546	E = 170	GD = 14	K = 28	N = 550	TL = 299
B = 508					

Type	**HMC3 315L2-4**	Rotor inertia (kgm²)	5,75
Mounting	B35	Noise level (dB(A))	89
Protection class	IP55	Vibration class	Grade-A
Insulations class	F	No load current (A)	76,5
Temperature rise		Winding resistance (ohm)	0,012
Standard	IEC 60034-1	Starting time (sec.)	0,39
Test standard	IEC 60034-2-1	Temperature rise winding	79
Alitude above s.l. max.(m)	1000	Temperature rise surface	51
Cooling method	IC411/TEFC	Tbox position	Top
Poles	4	Cable entry main	2 x M63x1,5
Painting	Ral 9005		Ø37-44mm
DE. Bearing	6319/C3	Cable entry accessory	2 x M20x1,5
NDE. Bearing	6319/C3 CIB	Terminal board thread	6-M16
Bearing fixed in	D-end	Thermal protection	PTC 3x155C
Weight (kg)	1.233	Space heater	
		Starting method	

Rated power (kW)	200			194			240			232	
Frequency (Hz)	50			50			60			60	
Voltage (V)	400	690		380	660		480	830		440	
Connection	D	Y		D	Y		D	Y		D	
Full load current (A)	325	188		335	194		325	188		335	
Speed (rpm)	1490			1490			1790			1790	
Power factor cos(phi)	0,93			0,93			0,93			0,93	
Efficiency, 100/75/50 (%)	96,0	96,2	95,4	96,0	96,2	95,4	96,0	96,2	95,4	95,7	96,0	95,1
Efficiency class	IE3			IE3			IE2			IE2	
Ist/In	7,25			6,40			7,25			6,65	
Full load torque (Nm)	1.280			1.240			1.280			1.240	
Tst/Tn	2,08			1,94			2,08			1,80	
Tmax /Tn	2,50			2,32			2,50			2,16	
Duty	S1			S1			S1			S1	
Ambient temp. (°C)	40			45			40			45	

According to :
Special features :