

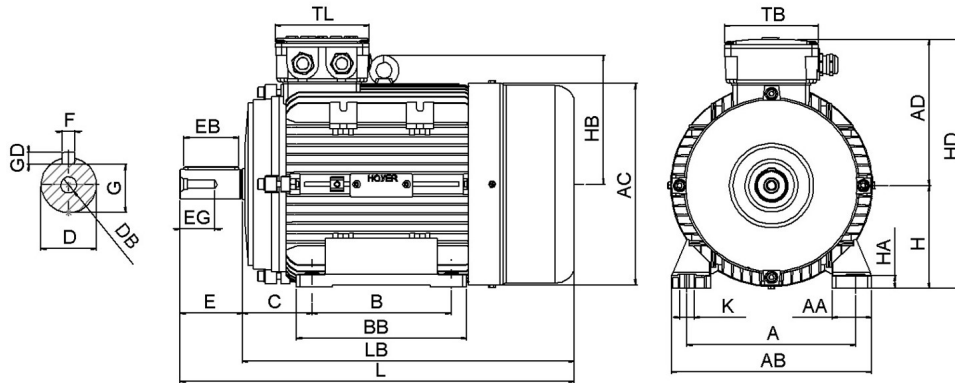
Data Sheet

HOYER

MOTORS

Customer ref...: ALWO

Mark 1.....: Item 27

Mark 2.....: System **VEE415S, VEE420AE, VEE420BE, VEE418S**

A = 140	BB = 155	EB = 40	H = 90	LB = 312
AA = 35	C = 56	EG = 24	HA = 13	TB = 100
AB = 177	D = 24	F = 8	HD = 222	TL = 100
AC = 175	DB = M8	G = 20	K = 10	
AD = 132	E = 50	GD = 7	L = 362	
B = 125				

Type: **HMA3 90L-2**
Mounting: B3
Protection class: IP56
Insulations class: F
Temperature rise: B
Standard: IEC 60034
Test standard:
Altitude above s.l. max.(m) ..: 1000
Cooling method: IC411/TEFC
Poles: 2
Painting: RAL 9005
DE. Bearing: 6205-ZZ/C3
NDE. Bearing: 6205-ZZ/C3
Bearing fixed in: DE
Weight (kg): 29,0

Rotor inertia (kgm²): 0,0028
Noise level (dB(A)): 64
Vibration class: Grade-A
No load current (A): 2,18
Winding resistance (ohm): 2,08
Starting time (sec.): 0,04
Temperature rise winding: 56
Temperature rise surface: 30
Tbox position: Top
Cable glands: 2 x M20x1,5
Clamping range: Plastic blindcaps
Blind plug: NA
Terminal board thread: 6-M4
Thermal protection: PTC 3x 155 dgr
Space heater: 1 X 20W / 230V
Starting method

Rated power (kW): 2,20
Frequency (Hz): 60
Voltage (V): 440
Connection: Y
Full load current (A): 4,00
Speed (rpm): 3500
Power factor cos(phi): 0,85
Efficiency, 100/75/50 (%) ..: 86,5 87,1 84,6
Efficiency class: IE3
Ist/In: 10,4
Full load torque (Nm): 6,00
Tst/Tn: 2,95
Tmax /Tn: 3,55
Duty: S1
Ambient temp. (°C): 45

According to:
Special features

www.hoyermotors.com