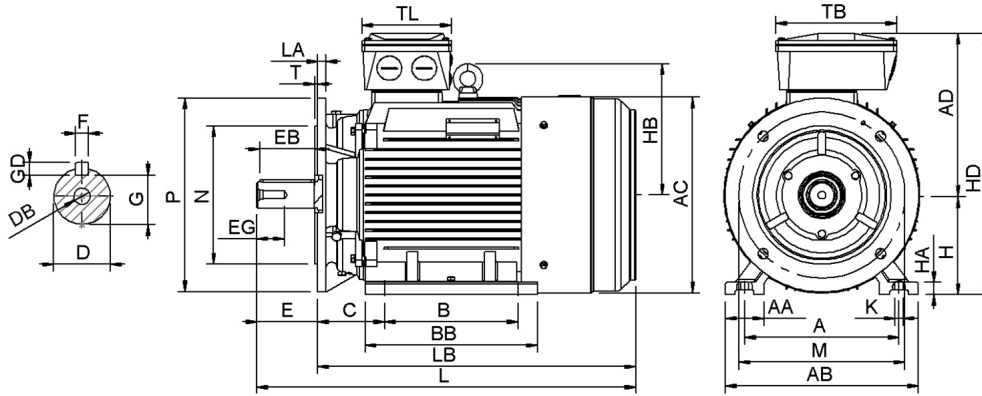


Data Sheet

Itemnumber....: 5562000400



A = 318	AC = 396	BB = 369	DB = M20	EG = 50	GD = 10	HB = 264	L = 769	M = 350	S = 4-Ø18,5	TL = 192
AA = 70	AD = 313	C = 133	E = 110	F = 16	H = 200	HD = 513	LA = 17	N = 300	T = 5	
AB = 388	B = 305	D = 55	EB = 100	G = 49	HA = 25	K = 18,50	LB = 659	P = 400	TB = 260	

Version Type.....: HMC3 200L1-6 Design.....: Induction motor Standard series.....: IEC 60034 Phase / Voltage range.....: 3~ / Low	Mechanical design Frame size.....: 200 Mounting.....: B35 Rain cap.....: No Protection class.....: IP55 Cooling method.....: IC411/TEFC External grounding.....: Yes Drain hole.....: Yes Frame material.....: Cast Iron Material approval.....: None Shaft.....: IEC standard Key.....: Closed key Balancing.....: Half key balancing Vibration class.....: Grade-A Weight (kg).....: 235	Bearing DE Bearing.....: 6312/C3 NDE Bearing.....: 6312/C3 Fixed bearing.....: DE
Electrical design Efficiency.....: IE3 Pole.....: 6 Power at 50 Hz (kW).....: 18,5 Hz.....: 50 Voltage.....: 400VD/690VY Winding voltage.....: 400VD/690VY 50 Hz Power output (kW).....: 18,5 Duty.....: S1 Insulation class.....: F Temperature rise.....: B	Environment condition Ambient temp. min. (°C)...: -20 Ambient temp. max. (°C)...: 40 Altitude (mtr up to).....: 1000	Terminal box Tbox position.....: Top Cable entry direction.....: Right (from DE) Cable entry Main.....: 2 x M50x1,5 Metal blindcaps Accessory.....: 2 x M20x1,5 Metal blindcaps Terminal board thread.....: 6-M8
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.....: No	Test values Rotor inertia (kgm²).....: 0,42 Noise level (dB(A)).....: 68 No load current (A).....: 20,2 Winding resist. (ohm).....: 0,40 Starting time (sec.).....: 0,13 Temp. rise winding (K).....: 63 Temp. rise surface (K).....: 45	
Explosion protection According to.....: None Type of protection.....: None		
General Direction of rotation.....: CW Painting.....: RAL 9005 Nameplate.....: Multivoltage Special packing.....: No Special requirements.....: No		

Rated power (kW)	18,5	18,0	22,2	21,6
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)	37,0 21,6	38,5 22,2	37,0 21,6	38,5
Speed (rpm)	980	980	1180	1180
Power factor cos(phi)	0,78	0,79	0,78	0,81
Efficiency, 100/75/50 (%)	91,7/ 91,7 /89,1	91,7/ 91,7 /89,1	91,7/ 91,7 /89,1	91,1/ 91,1 /88,3
Ist/In	6,50	5,70	6,50	6,00
Full load torque (Nm)	180	174	180	174
Tst/Tn	2,08	1,92	2,08	1,80
Tmax/Tn	2,60	2,40	2,60	2,24
Duty	S1	S1	S1	S1
Ambient temp. (°C)	40	45	40	45