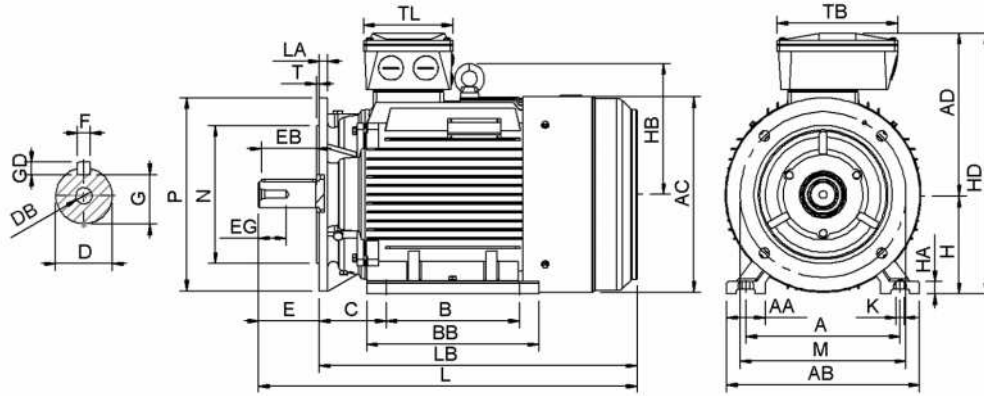


Data Sheet

Itemnumber....: 5541801400



A = 279	AC = 354	BB = 349	DB = M16	EG = 40	GD = 9	HB = 237	L = 726	M = 300	S = 4 - Ø18	TL = 162
AA = 70	AD = 292	C = 121	E = 110	F = 14	H = 180	HD = 472	LA = 15	N = 250	T = 5	
AB = 349	B = 279	D = 48jk6	EB = 100	G = 42,50	HA = 22	K = 14,50	LB = 616	P = 350	TB = 218	

Version Type.....: HMC3 180L-4 Design.....: Induction motor Standard series.....: IEC 60034 Phase / Voltage range.....: 3~ / Low	Mechanical design Frame size.....: 180 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).....: 205	Bearing DE Bearing.....: 6311-ZZ/C3 NDE Bearing.....: 6311-ZZ/C3 Fixed bearing.....: DE
Electrical design Efficiency.....: IE3 Pole.....: 4 Power at 50 Hz (kW).....: 22,0 Hz.....: 50 Voltage.....: 400VD/690VY Winding voltage.....: 400VD/690VY 50 Hz Power output (kW).....: 22,0 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 M40x1,5 Metal blindcaps Accessory.....: 2 x M20x1,5 Metal blindcaps Connection type.....: Delta (D) Terminal board thread.....: M6
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).....: 0,23 Noise level (dB(A)).....: 74 No load current (A).....: 14,6 Winding resist. (ohm).....: 0,36 Starting time (sec.).....: 0,10 Temp. rise winding (K).....: 53 Temp. rise surface (K).....: 38
Explosion protection According to.....: None Type of protection.....: None		
General Direction of rotation.....: CW Painting.....: RAL 9005 Gloss 10 Nameplate.....: Multivoltage Special packing.....: No Special requirements.....: No		

Rated power (kW)	22,0	21,4	26,5	25,5
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)	39,5 22,8	40,5 23,4	39,5 22,8	40,5
Speed (rpm)	1470	1470	1760	1760
Power factor cos(phi)	0,88	0,89	0,88	0,90
Efficiency, 100/75/50 (%)	93,2/93,9/92,6	93,2/93,9/92,6	93,2/93,9/92,6	92,7/93,4/92,1
Ist/In	8,6	7,6	8,6	7,9
Full load torque (Nm)	142	138	142	138
Tst/Tn	2,8	2,6	2,8	2,4
Tmax /Tn	3,6	3,3	3,6	3,1
Duty	S1	S1	S1	S1
Ambient temp. (°C)	40	45	40	45