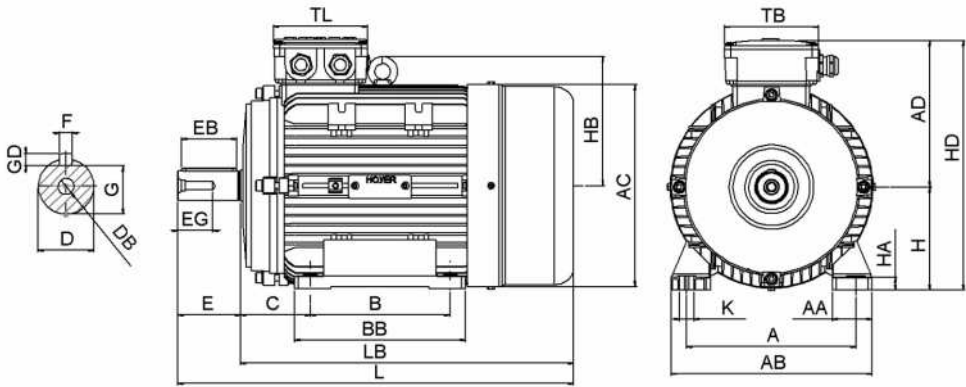


Data Sheet

Itemnumber..... 5521320109



A = 216	AC = 258	BB = 180	DB = M12	EG = 30	GD = 8	HB = 165	L = 463	TB = 120
AA = 50	AD = 187	C = 89	E = 80	F = 10	H = 132	HD = 319	LB = 383	TL = 120
AB = 256	B = 140	D = 38	EB = 70	G = 33	HA = 16,50	K = 4	LE = 453	

Version Type..... HMA3 132S1-2 Design..... Induction motor Standard series..... IEC 60034 Phase / Voltage range..... 3~ / Low	Mechanical design Frame size..... 132 Mounting..... B3 Rain cap..... No Protection class..... IP55 Cooling method..... IC411/TEFC External grounding..... Yes Drain hole..... Yes Frame material..... Aluminium Material approval..... None Shaft..... IEC standard Key..... Closed key Balancing..... Half key balancing Vibration class..... Grade-A Weight (kg)..... 49,5	Bearing DE Bearing..... 6308-ZZ/C3 NDE Bearing..... 6308-ZZ/C3 Fixed bearing..... DE
Electrical design Efficiency..... IE3 Pole..... 2 Power at 50 Hz (kW)..... 5,50 Hz..... 50 Voltage..... 400VD/690VY Winding voltage..... 400VD/690VY 50 Hz Power output (kW)..... 5,50 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 M25x1,5 Plastic blindcaps Accessory..... 1 x M20x1,5 Plastic blindcap Connection type..... Delta (D) Terminal board thread..... 6-M5
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)..... 0,014 Noise level (dB(A))..... 70 No load current (A)..... 3,25 Winding resist. (ohm)..... 1,79 Starting time (sec.)..... 0,11 Temp. rise winding (K)..... 51 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)	5,50	5,35	6,60	6,40
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)	9,95 5,75	10,2 5,90	9,95 5,75	10,2
Speed (rpm)	2930	2930	3500	3500
Power factor cos(phi)	0,90	0,91	0,90	0,91
Efficiency, 100/75/50 (%) . .	89,3/89,2/87,6	89,3/89,2/87,6	89,3/89,2/87,6	88,6/88,5/86,7
Ist/In	9,1	8,0	9,1	8,3
Full load torque (Nm)	18,0	17,4	18,0	17,4
Tst/Tn	2,5	2,3	2,5	2,1
Tmax /Tn	2,8	2,6	2,8	2,4
Duty	S1	S1	S1	S1
Ambient temp. (°C)	40	45	40	45