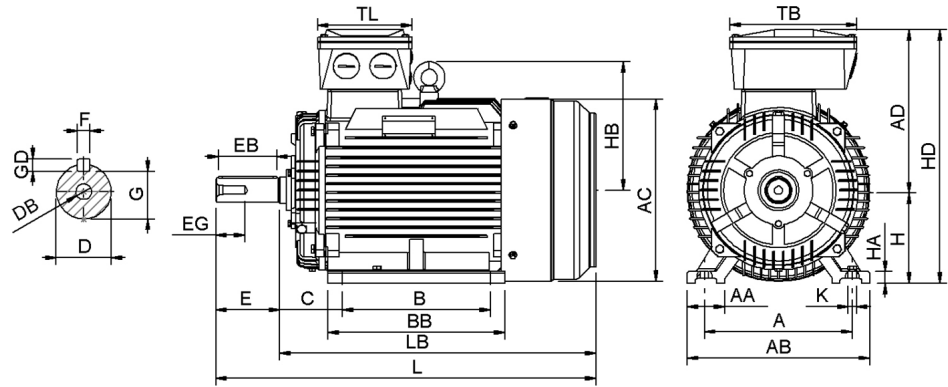


Data Sheet

Itemnumber..... 5563552102



A = 610	AC = 699	BB = 750	DB = M24	EG = 56	GD = 14	HB = 489	L = 1537	TL = 330
AA = 116	AD = 664	C = 254	E = 170	F = 25	H = 355	HD = 1019	LB = 1367	
AB = 726	B = 630	D = 95	EB = 160	G = 86	HA = 52	K = 28	TB = 460	

<b>Version</b> Type..... HMC3 355L2-6 Design..... Induction motor Standard series..... IEC 60034 Phase / Voltage range..... 3~ / Low	<b>Mechanical design</b> Frame size..... 355 Mounting..... B3 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)..... 1.744	<b>Bearing</b> DE Bearing..... 6322/C3 NDE Bearing..... 6322/C3 Fixed bearing..... DE
<b>Electrical design</b> Efficiency..... IE3 Pole..... 6 Power at 50 Hz (kW)..... 250 Hz..... 50 Voltage..... 400VD/690VY Winding voltage..... 400VD/690VY 50 Hz Power output (kW)..... 250 Duty..... S1 Insulation class..... F Temperature rise..... B	<b>Environment condition</b> Ambient temp. min. (°C).. -20 Ambient temp. max. (°C).. 40 Altitude (mtr up to)..... 1000	<b>Terminal box</b> Tbox position..... Top Cable entry direction..... Right (from DE) Cable entry Main..... 2 x M72x2,0 Metal blindcaps Accessory..... 2 x M20x1,5 Metal blindcaps Terminal board thread..... 6-M16
<b>Motor protection</b> 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		<b>Test values</b> Rotor inertia (kgm²)..... 15,9 Noise level (dB(A))..... 85 No load current (A)..... 92,0 Winding resist. (ohm)..... 0,014 Starting time (sec.)..... 0,43 Temp. rise winding (K)..... 76 Temp. rise surface (K)..... 61
<b>Explosion protection</b> According to..... None Type of protection..... None		
<b>General</b> Direction of rotation..... CW Painting..... RAL 9005 Nameplate..... Multivoltage Special packing..... No Special requirements..... No		

Rated power (kW)	250	242	300	290
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)	420 244	435 250	420 244	435
Speed (rpm)	990	990	1190	1190
Power factor cos(phi)	0,90	0,91	0,90	0,91
Efficiency, 100/75/50 (%)	95,8/ 96,0 /95,0	95,8/ 96,0 /95,0	95,8/ 96,0 /95,0	95,5/ 95,8 /94,7
Ist/In	5,30	4,70	5,30	4,90
Full load torque (Nm)	2.420	2.340	2.420	2.340
Tst/Tn	2,00	1,86	2,00	1,74
Tmax/Tn	2,20	2,04	2,20	1,90
Duty	S1	S1	S1	S1
Ambient temp. (°C)	40	45	40	45