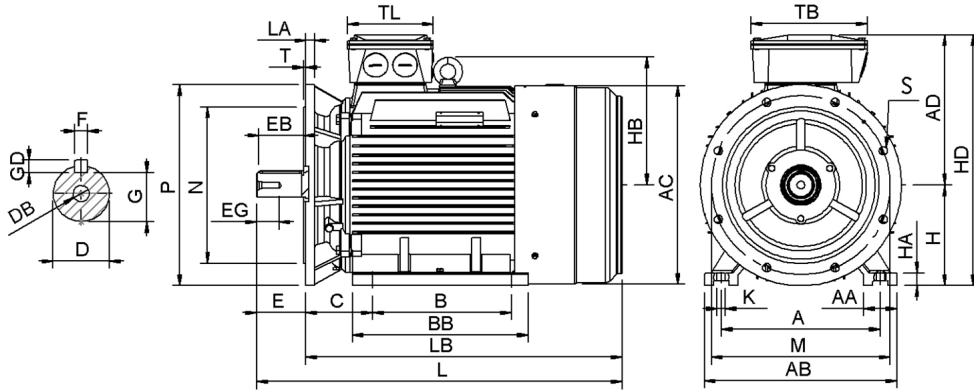


Data Sheet

Itemnumber....: 5563552400



A = 610	AC = 699	BB = 750	DB = M24	EG = 56	GD = 14	HB = 489	L = 1537	M = 740	S = 8-Ø24	TL = 330
AA = 116	AD = 664	C = 254	E = 170	F = 25	H = 355	HD = 1019	LA = 25	N = 680	T = 6	
AB = 726	B = 630	D = 95	EB = 160	G = 86	HA = 52	K = 28	LB = 1367	P = 800	TB = 460	

Version

Type.....: HMC3 355L2-6
Design.....: Induction motor
Standard series.....: IEC 60034
Phase / Voltage range.....: 3~ / Low

Electrical design

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

Mechanical design

Frame size.....	355
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).....	1.744

Environment condition

```
Ambient temp. min. (°C)..: -20
Ambient temp. max. (°C)..: 40
Altitude (mtr up to).....: 1000
```

Bearing

```
DE Bearing.....: 6322/C3
NDE Bearing.....: 6322/C3
Fixed bearing.....: DE
```

Terminal box

```
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
```

Test values

```

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

```

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

```

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)	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