

Technical Data Sheet  
 Electric Motor Three phase in Cast Iron IE1



L (standard motor)

1535

L (motor w/brake)

1775

L (motor w/forced ventilation)

1770

L (motor without ventilation)

1400

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
355	610	560	254	28	95m6	170	25	86	101	M20x42	730	755	698	1010	-	-	-	-	-

**Electrical Data**

Type	EM30 355M1-6	
Poles	6/1000	Poles
Power	160.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	990	rpm
Nominal current	278.00	A
Power factor	0.88	
Efficiency 100%	94.5	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	1543.32	N.m
Ta/Tn	1.9	
Ia/In	6.7	
Tm/Tn	2	

**Mechanical Data**

Shaft height	355	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S3-70%	
Ambient temp.	-10°C-40°C	
Altitude	1000	
Noise	92	dB(A)
Weight	1550	kg
Bearing DE	NU 322	
Bearing NDE	6322 C3	

**Extra Data**

**Applicable brakes**

DC brake	K12D	Brake torque	4500	N.m
AC brake	NA	Brake torque	NA	N.m

**Applicable forced ventilations**

Single-phase forced ventilation	Power	NA	W
Three-phase forced ventilation	Power	700	W

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