

Technical Data Sheet
 Electric Motor Three phase in Cast Iron IE1



L (standard motor)

675

L (motor w/brake)

NA

L (motor w/forced ventilation)

795

L (motor without ventilation)

585

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
160	254	254	108	15	42k6	110	12	37	45	M16x36	320	305	315	420	-	-	-	-	-

Electrical Data

Type	EM30 160L-2
Poles	2/3000 Poles
Power	18.50 Kw
Voltage	400 V
Frequency	50 Hz
Speed	2930 rpm
Nominal current	33.00 A
Power factor	0.90
Efficiency 100%	90.0 %
Efficiency 75%	- %
Efficiency 50%	- %
Torque	60.29 N.m
Ta/Tn	2.2
Ia/In	7.5
Tm/Tn	2.3

Mechanical Data

Shaft height	160
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S3-70%
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	86 dB(A)
Weight	133 kg
Bearing DE	6309 C3
Bearing NDE	6309 C3

Extra Data

Applicable brakes

DC brake	NA	Brake torque	NA	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	60	W

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