

Technical Data Sheet
Electric Motor Three phase in Cast Iron IE1



L (standard motor)

365

L (motor w/brake)

470

L (motor w/forced ventilation)

475

L (motor without ventilation)

350

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
90	140	125	56	10	24j6	50	8	20	27	M8x19	180	165	177	250	-	-	-	-	-

Electrical Data

Type	EM30 90L-2
Poles	2/3000 Poles
Power	2.20 Kw
Voltage	400 V
Frequency	50 Hz
Speed	2855 rpm
Nominal current	4.61 A
Power factor	0.85
Efficiency 100%	81.0 %
Efficiency 75%	- %
Efficiency 50%	- %
Torque	7.36 N.m
Ta/Tn	2.2
Ia/In	7.0
Tm/Tn	2.3

Mechanical Data

Shaft height	90
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S3-70%
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	72 dB(A)
Weight	23 kg
Bearing DE	6205 2Z C3
Bearing NDE	6205 2Z C3

Extra Data

Applicable brakes

DC brake	REB-05-10	Brake torque	16	N.m
AC brake	AC4	Brake torque	20	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	45	W
Three-phase forced ventilation	Power	45	W

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