

Technical Data Sheet  
Electric Motor Three phase in Cast Iron IE1



L (standard motor)  
1030

L (motor w/brake)  
NA

L (motor w/forced ventilation)  
1185

L (motor without ventilation)  
910

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
280	457	368	190	14	75m6	140	20	67.5	79.5	M20x42	550	485	547	680	-	-	-	-	-

### Electrical Data

Type	EM30 280S-4	
Poles	4/1500	Poles
Power	75.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1480	rpm
Nominal current	131.50	A
Power factor	0.88	
Efficiency 100%	93.6	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	483.92	N.m
Ta/Tn	2.2	
Ia/In	6.8	
Tm/Tn	2.3	

### Mechanical Data

Shaft height	280
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	480 kg
Bearing DE	6317 C3
Bearing NDE	6317 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	270	W

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