

Technical Data Sheet  
Electric Motor Three phase in Cast Iron IE1



L (standard motor)

1030

L (motor w/brake)

1240

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-6	
Poles	6/1000	Poles
Power	45.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	980	rpm
Nominal current	81.70	A
Power factor	0.86	
Efficiency 100%	92.5	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	438.49	N.m
Ta/Tn	2.1	
Ia/In	7.0	
Tm/Tn	2	

### 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	80	dB(A)
Weight	444	kg
Bearing DE	6317 C3	
Bearing NDE	6317 C3	

### Extra Data

#### Applicable brakes

DC brake	K10D	Brake torque	1000/1500	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

Universal Motors S.A.  
Rua Comendador Brandão, 484  
4495-375 Póvoa de Varzim  
[geral@universalmotors.pt](mailto:geral@universalmotors.pt)  
TEL.: 252 299 080

Universal Motors UK, Ltd  
Unit E2, Meltham Mills Road  
West Yorkshire HD9 4AR  
[enquiries@universalmotors-group.co.uk](mailto:enquiries@universalmotors-group.co.uk)  
TEL.: +44(0) 1484660222

Universal Motors SL  
C/La Habana n.6 nave 4 PI Camporoso  
28806 Alcala de Henares  
[info@universalmotors-group.es](mailto:info@universalmotors-group.es)  
TEL.: 918 864 213