

Technical Data Sheet  
Electric Motor Three phase in Cast Iron IE2



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	HE30 280S-6	
Poles	6/1000	Poles
Power	45.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	980	rpm
Nominal current	82.44	A
Power factor	0.85	
Efficiency 100%	92.7	%
Efficiency 75%	93.0	%
Efficiency 50%	92.4	%
Torque	438.49	N.m
Ta/Tn	2.1	
Ia/In	7.2	
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	78 dB(A)
Weight	521 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

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