

Technical Data Sheet  
Electric Motor Three phase in Cast Iron IE4



L (standard motor)

1060

L (motor w/brake)

NA

L (motor w/forced ventilation)

1215

L (motor without ventilation)

940

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	419	190	24	75m6	140	20	67.5	79.5	M20x42	550	535	547	680	-	-	-	-	-

### Electrical Data

Type	UM4C 280M-4	
Poles	4/1500	Poles
Power	90.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1485	rpm
Nominal current	153.61	A
Power factor	0.88	
Efficiency 100%	96.1	%
Efficiency 75%	96.3	%
Efficiency 50%	95.4	%
Torque	578.7	N.m
Ta/Tn	2	
Ia/In	8.5	
Tm/Tn	2.3	

### Mechanical Data

Shaft height	280
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	80 dB(A)
Weight	697 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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