

Technical Data Sheet  
Electric Motor Three phase in Cast Iron IE3



L (standard motor)

1505

L (motor w/brake)

NA

L (motor w/forced ventilation)

1740

L (motor without ventilation)

1370

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
355	610	630	254	28	75m6	140	20	67.5	79.5	M20x42	730	755	698	1010	-	-	-	-	-

### Electrical Data

Type	PE30/UM3C* 355L-2	
Poles	2/3000	Poles
Power	315.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2980	rpm
Nominal current	521.60	A
Power factor	0.91	
Efficiency 100%	95.8	%
Efficiency 75%	95.9	%
Efficiency 50%	94.9	%
Torque	1009.4	N.m
Ta/Tn	1.6	
Ia/In	7.2	
Tm/Tn	2.2	

### Mechanical Data

Shaft height	355
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	100 dB(A)
Weight	1843 kg
Bearing DE	6319 C3
Bearing NDE	6319 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	700	W

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