

Technical Data Sheet
Electric Motor Three phase in Cast Iron IE3



L (standard motor)

745

L (motor w/brake)

NA

L (motor w/forced ventilation)

865

L (motor without ventilation)

655

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
-	-	-	-	-	42k6	110	12	37	45	M16x36	-	-	315	255	300	250	350	4x19	5

Electrical Data

Type	PE30/UM3C* 160L-2	
Poles	2/3000	Poles
Power	18.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2950	rpm
Nominal current	32.50	A
Power factor	0.89	
Efficiency 100%	92.4	%
Efficiency 75%	92.8	%
Efficiency 50%	91.6	%
Torque	59.9	N.m
Ta/Tn	2	
Ia/In	8.2	
Tm/Tn	2.3	

Mechanical Data

Shaft height	-
Construction form	B5
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	81 dB(A)
Weight	161 kg
Bearing DE	6309 C3
Bearing NDE	6309 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	60	W