

Technical Data Sheet
Electric Motor Three phase in Cast Iron IE3



L (standard motor)

745

L (motor w/brake)

855

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-6		
Poles	6/1000	Poles	
Power	11.00	Kw	
Voltage	400	V	
Frequency	50	Hz	
Speed	970	rpm	
Nominal current	22.00	A	
Power factor	0.80		
Efficiency 100%	90.3	%	
Efficiency 75%	90.9	%	
Efficiency 50%	89.6	%	
Torque	108.3	N.m	
Ta/Tn	2		
Ia/In	7.2		
Tm/Tn	2.1		

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	73 dB(A)
Weight	160 kg
Bearing DE	6309 C3
Bearing NDE	6309 C3

Extra Data

Applicable brakes

DC brake	K8	Brake torque	200	N.m
AC brake	AC8	Brake torque	200	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	NA	W
Three-phase forced ventilation	Power	60	W