

Technical Data Sheet  
Electric Motor Three phase in Cast Iron IE4



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
160	254	254	108	15	42k6	110	12	37	45	M16x36	320	305	315	420	-	-	-	-	-

### Electrical Data

Type	UM4C 160L,-6	
Poles	6/1000	Poles
Power	11.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	980	rpm
Nominal current	22.34	A
Power factor	0.77	
Efficiency 100%	92.3	%
Efficiency 75%	90.9	%
Efficiency 50%	89.6	%
Torque	107.2	N.m
Ta/Tn	2	
Ia/In	8.5	
Tm/Tn	2.1	

### Mechanical Data

Shaft height	160	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S1	
Ambient temp.	-10°C-40°C	
Altitude	1000	
Noise	73	dB(A)
Weight	163	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

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