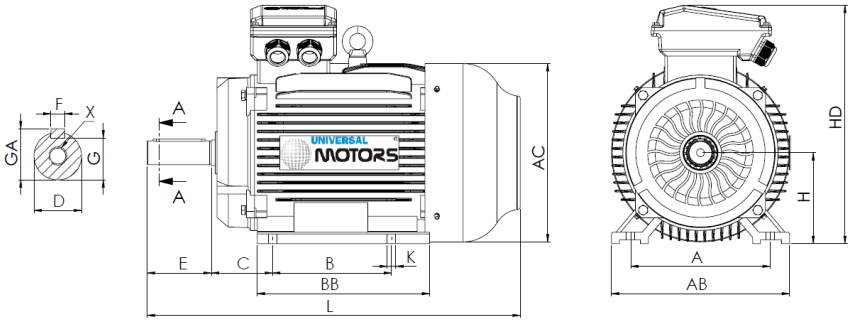
Technical Data Sheet
Electric Motor Three phase in Cast Iron IE4



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-8	
Poles	8/750	Poles
Power	7.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	730	rpm
Nominal current	16.30	A
Power factor	0.74	
Efficiency 100%	89.3	%
Efficiency 75%	87.5	%
Efficiency 50%	86.6	%
Torque	98.11643835616439N.m	
Ta/Tn	1.8	
Ia/In	7.8	
Tm/Tn	2	

Mechanical Data

Shaft height	160	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S1	
Ambient temp.	-10ºC-40ºC	
Altitude	1000	
Noise	68	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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