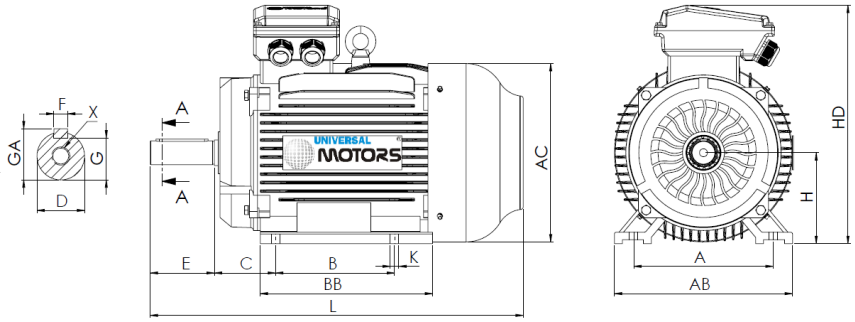
Technical Data Sheet
Electric Motor Three phase in Cast Iron IE3



L (standard motor)
685

L (motor w/brake)
795

L (motor w/forced ventilation)
805

L (motor without ventilation)
595

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	210	108	15	42k6	110	12	37	45	M16x36	320	258	315	420	-	-	-	-	-

Electrical Data

Type	PE30/UM3C* 160M-6	
Poles	6/1000	Poles
Power	7.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	970	rpm
Nominal current	15.40	A
Power factor	0.79	
Efficiency 100%	89.1	%
Efficiency 75%	89.6	%
Efficiency 50%	88.4	%
Torque	73.8	N.m
Ta/Tn	2	
Ia/In	7.0	
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.	-10ºC-40ºC	
Altitude	1000	
Noise	73	dB(A)
Weight	124	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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