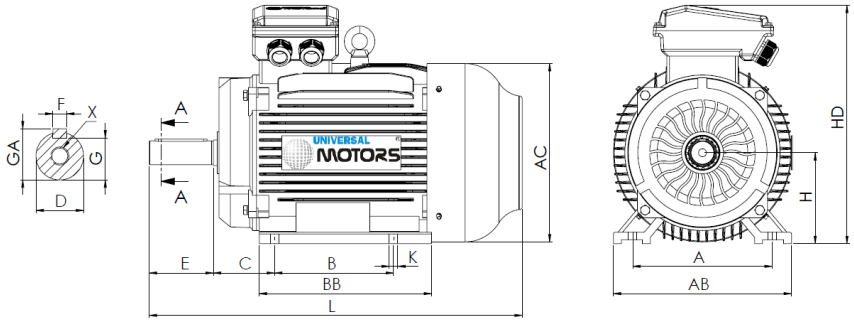
Technical Data Sheet
Electric Motor Three phase in Cast Iron IE1



L (standard motor)
715

L (motor w/brake)
NA

L (motor w/forced ventilation)
810

L (motor without ventilation)
620

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
180	279	241	121	15	48k6	110	14	42.5	51.5	M16x36	355	298	355	455	-	-	-	-	-

Electrical Data

Type	EM30 180M-2	
Poles	2/3000	Poles
Power	22.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2940	rpm
Nominal current	39.00	A
Power factor	0.90	
Efficiency 100%	90.5	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	71.45999999999999	N.m
Ta/Tn	2	
Ia/In	7.5	
Tm/Tn	2.3	

Mechanical Data

Shaft height	180	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S3-70%	
Ambient temp.	-10ºC-40ºC	
Altitude	1000	
Noise	89	dB(A)
Weight	156	kg
Bearing DE	6311 C3	
Bearing NDE	6311 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	85	W

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