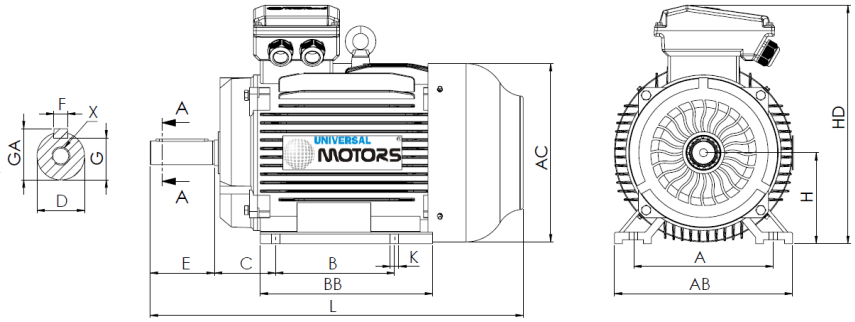
Technical Data Sheet
Electric Motor Three phase in Cast Iron IE1



L (standard motor)
1535

L (motor w/brake)
NA

L (motor w/forced ventilation)
1770

L (motor without ventilation)
1400

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
355	610	630	254	28	95m6	170	25	86	101	M20x42	730	755	698	1010	-	-	-	-	-

Electrical Data

Type	EM30 355L-4	
Poles	4/1500	Poles
Power	315.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1490	rpm
Nominal current	530.70	A
Power factor	0.90	
Efficiency 100%	95.2	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	2018.81	N.m
Ta/Tn	2.1	
Ia/In	6.9	
Tm/Tn	2.2	

Mechanical Data

Shaft height	355	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S3-70%	
Ambient temp.	-10ºC-40ºC	
Altitude	1000	
Noise	101	dB(A)
Weight	1810	kg
Bearing DE	NU 322	
Bearing NDE	6322 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	700	W

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