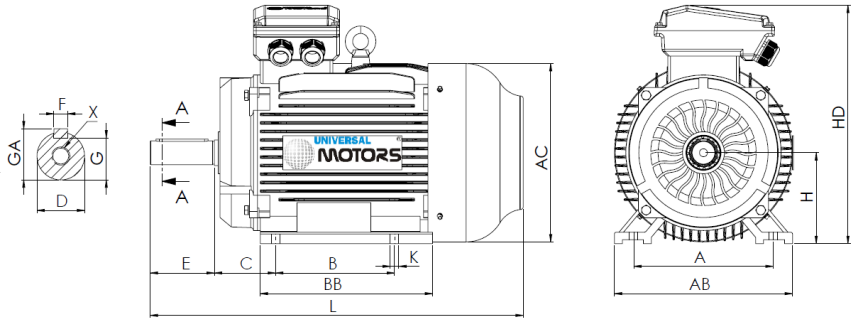
Technical Data Sheet
Electric Motor Three phase in Cast Iron IE1



L (standard motor)
790

L (motor w/brake)
985

L (motor w/forced ventilation)
945

L (motor without ventilation)
695

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
200	318	305	133	19	55m6	110	16	49	59	M20x42	385	370	397	505	-	-	-	-	-

Electrical Data

Type	EM30 200L-4	
Poles	4/1500	Poles
Power	30.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1470	rpm
Nominal current	55.10	A
Power factor	0.86	
Efficiency 100%	91.4	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	194.88	N.m
Ta/Tn	2.2	
Ia/In	7.2	
Tm/Tn	2.3	

Mechanical Data

Shaft height	200	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S3-70%	
Ambient temp.	-10ºC-40ºC	
Altitude	1000	
Noise	79	dB(A)
Weight	228	kg
Bearing DE	6312 C3	
Bearing NDE	6312 C3	

Extra Data

Applicable brakes

DC brake	K8D	Brake torque	400	N.m
AC brake	AC8D	Brake torque	400	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	NA	W
Three-phase forced ventilation	Power	110	W

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