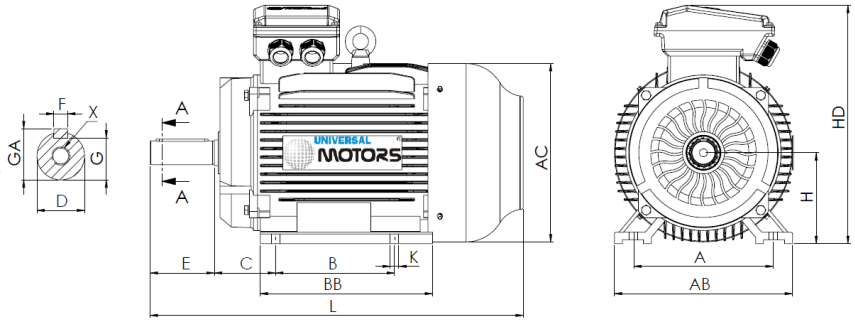
Technical Data Sheet
Electric Motor Three phase in Cast Iron IE1



L (standard motor)
475

L (motor w/brake)
590

L (motor w/forced ventilation)
550

L (motor without ventilation)
420

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
132	216	140	89	12	38k6	80	10	33	41	M12x28	270	185	259	349	-	-	-	-	-

Electrical Data

Type	EM30 132S2-2	
Poles	2/3000	Poles
Power	7.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2900	rpm
Nominal current	14.15	A
Power factor	0.88	
Efficiency 100%	87.0	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	24.7	N.m
Ta/Tn	2.2	
Ia/In	7.5	
Tm/Tn	2.3	

Mechanical Data

Shaft height	132	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S3-70%	
Ambient temp.	-10ºC-40ºC	
Altitude	1000	
Noise	80	dB(A)
Weight	61	kg
Bearing DE	6308 2Z C3	
Bearing NDE	6308 2Z C3	

Extra Data

Applicable brakes

DC brake	REB-05-16	Brake torque	80	N.m
AC brake	AC7	Brake torque	90	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	55	W
Three-phase forced ventilation	Power	55	W

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