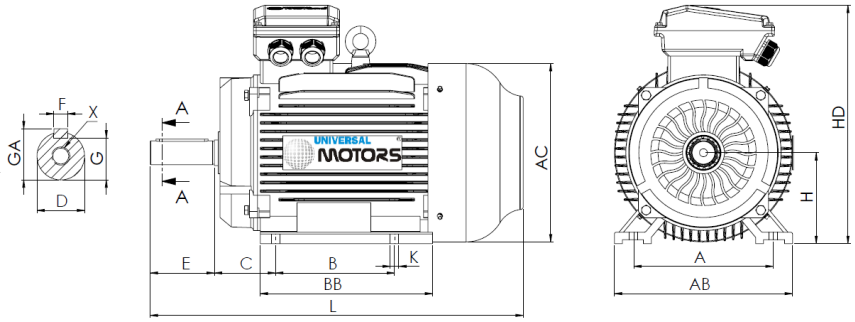
Technical Data Sheet
Electric Motor Three phase in Cast Iron IE1



L (standard motor)
1050

L (motor w/brake)
NA

L (motor w/forced ventilation)
1205

L (motor without ventilation)
930

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
280	457	419	190	24	75m6	140	20	67.5	79.5	M20x42	550	535	547	680	-	-	-	-	-

Electrical Data

Type	EM30 280M-4	
Poles	4/1500	Poles
Power	90.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	1480	rpm
Nominal current	157.20	A
Power factor	0.88	
Efficiency 100%	93.9	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	580.7	N.m
Ta/Tn	2.2	
Ia/In	6.8	
Tm/Tn	2.3	

Mechanical Data

Shaft height	280	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S3-70%	
Ambient temp.	-10ºC-40ºC	
Altitude	1000	
Noise	86	dB(A)
Weight	560	kg
Bearing DE	6317 C3	
Bearing NDE	6317 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	270	W

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