Technical Data Sheet
Electric Motor Three phase in Cast Iron IE1

L (standard motor)
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L (motor w/brake)
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L (motor w/forced ventilation)
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L (motor without ventilation)
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Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T

Electrical Data

Type	EM30 280M-2	
Poles	2/3000	Poles
Power	90.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2975	rpm
Nominal current	152.20	A
Power factor	0.91	
Efficiency 100%	93.9	%
Efficiency 75%	-	%
Efficiency 50%	-	%
Torque	288.89	N.m
Ta/Tn	2	
Ia/In	7.1	
Tm/Tn	2.3	

Mechanical Data

Shaft height		
Construction form		
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S3-70%	
Ambient temp.	-10ºC-40ºC	
Altitude	1000	
Noise	94	dB(A)
Weight	510	kg
Bearing DE		
Bearing NDE		

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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