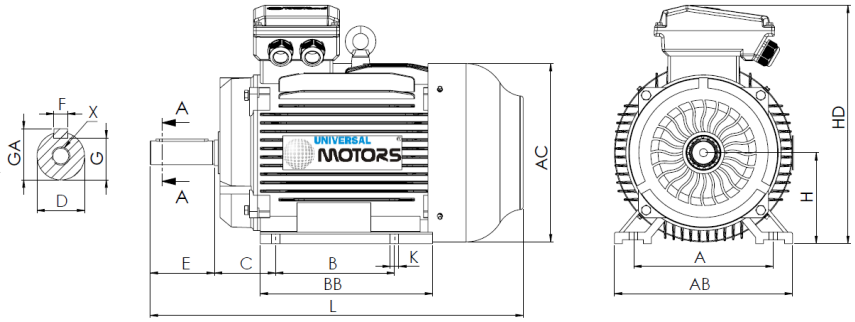
Technical Data Sheet
Electric Motor Three phase in Cast Iron IE4



L (standard motor)
1040

L (motor w/brake)
NA

L (motor w/forced ventilation)
1195

L (motor without ventilation)
920

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	368	190	14	65m6	140	18	58	69	M20x42	550	485	547	680	-	-	-	-	-

Electrical Data

Type	UM4C 280S-2	
Poles	2/3000	Poles
Power	75.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2980	rpm
Nominal current	127.23	A
Power factor	0.89	
Efficiency 100%	95.6	%
Efficiency 75%	95.4	%
Efficiency 50%	94.5	%
Torque	240.3	N.m
Ta/Tn	1.8	
Ia/In	8.5	
Tm/Tn	2.3	

Mechanical Data

Shaft height	280	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S1	
Ambient temp.	-10ºC-40ºC	
Altitude	1000	
Noise	91	dB(A)
Weight	548	kg
Bearing DE	6314 C3	
Bearing NDE	6314 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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