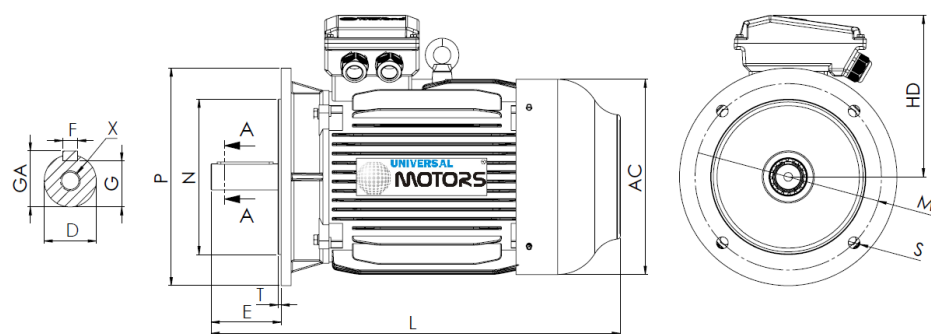


Technical Data Sheet
Electric Motor Three phase in Cast Iron IE4



L (standard motor)

1335

L (motor w/brake)

1545

L (motor w/forced ventilation)

1515

L (motor without ventilation)

1160

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
-	-	-	-	-	80m6	170	22	71	85	M20x42	-	-	620	530	600	550	660	8x24	6

Electrical Data

Type	UM4C 315M-6		
Poles	6/1000	Poles	
Power	90.00	Kw	
Voltage	400	V	
Frequency	50	Hz	
Speed	990	rpm	
Nominal current	159.87	A	
Power factor	0.85		
Efficiency 100%	95.6	%	
Efficiency 75%	95.6	%	
Efficiency 50%	94.3	%	
Torque	868.1	N.m	
Ta/Tn	1.6		
Ia/In	8.0		
Tm/Tn	2		

Mechanical Data

Shaft height	-	
Construction form	B5	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S1	
Ambient temp.	-10°C-40°C	
Altitude	1000	
Noise	83	dB(A)
Weight	919	kg
Bearing DE	NU 319	
Bearing NDE	6319 C3	

Extra Data

Applicable brakes

DC brake	K11D	Brake torque	2000/2800	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	450	W