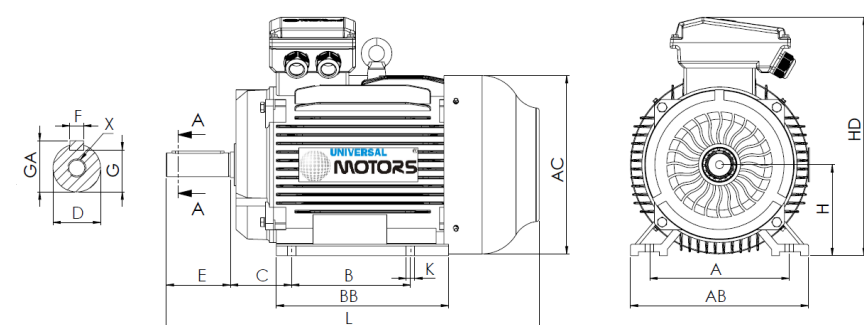


Technical Data Sheet

Electric Motor Three phase in Cast Iron IE3



L (standard motor)

1235

L (motor w/brake)

1445

L (motor w/forced ventilation)

1415

L (motor without ventilation)

1060

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
315	508	406	216	28	80m6	170	22	71	85	M20x42	635	565	620	845	-	-	-	-	-

Electrical Data

Type	PE30/UM3C* 315S-8
Poles	8/750 Poles
Power	55.00 Kw
Voltage	400 V
Frequency	50 Hz
Speed	735 rpm
Nominal current	106.00 A
Power factor	0.81
Efficiency 100%	92.5 %
Efficiency 75%	93.0 %
Efficiency 50%	91.5 %
Torque	714.5700000000001N.m
Ta/Tn	1.8
Ia/In	6.6
Tm/Tn	2

Mechanical Data

Shaft height	315
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	82 dB(A)
Weight	980 kg
Bearing DE	NU 319
Bearing NDE	6319 C3

Extra Data

Applicable brakes

DC brake	K10D	Brake torque	1000/1500 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

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