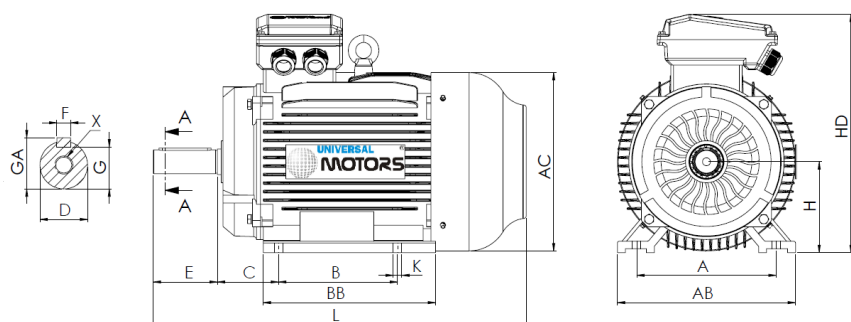


Technical Data Sheet
Electric Motor Three phase in Cast Iron IE3



L (standard motor)

1345

L (motor w/brake)

1555

L (motor w/forced ventilation)

1525

L (motor without ventilation)

1170

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	508	216	28	80m6	170	22	71	85	M20x42	635	680	620	845	-	-	-	-	-

Electrical Data

Type	PE30/UM3C*
	315L2-8
Poles	8/750
Power	110.00
Voltage	400
Frequency	50
Speed	735
Nominal current	206.60
Power factor	0.82
Efficiency 100%	93.7
Efficiency 75%	94.5
Efficiency 50%	92.0
Torque	1429.15
Ta/Tn	1.8
Ia/In	6.4
Tm/Tn	2

Mechanical Data

Shaft height	315
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S3-70%
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	82
Weight	1285
Bearing DE	NU 319
Bearing NDE	6319 C3

Extra Data

Applicable brakes

DC brake	K12D	Brake torque	4500	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