

Technical Data Sheet
 Electric Motor Three phase in Cast Iron IE4



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				Mechanical Data			
Type	UM4C 315L1-8			Shaft height	315		
Poles	8/750	Poles		Construction form	B3		
Power	90.00	Kw		Mechanical protection	55		
Voltage	400	V		Heating class	B		
Frequency	50	Hz		Insulation class	F		
Speed	740	rpm		Service	S1		
Nominal current	169.80	A		Ambient temp.	-10°C-40°C		
Power factor	0.81			Altitude	1000		
Efficiency 100%	94.4	%		Noise	82	dB(A)	
Efficiency 75%	94.5	%		Weight	1206	kg	
Efficiency 50%	93.0	%		Bearing DE	NU 319		
Torque	1161.4	N.m		Bearing NDE	6319 C3		
Ta/Tn	1.6						
Ia/In	7.7						
Tm/Tn	2						

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

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