

Technical Data Sheet
 Electric Motor Three phase in Cast Iron IE3



L (standard motor)

410

L (motor w/brake)

525

L (motor w/forced ventilation)

510

L (motor without ventilation)

390

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
100	160	140	63	12	28j6	60	8	24	31	M10x22	205	175	198	270	-	-	-	-	-

Electrical Data

Type	PE30/UM3C* 100L-2	
Poles	2/3000	Poles
Power	3.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2895	rpm
Nominal current	5.75	A
Power factor	0.87	
Efficiency 100%	87.1	%
Efficiency 75%	87.9	%
Efficiency 50%	86.6	%
Torque	9.9	N.m
Ta/Tn	2.2	
Ia/In	7.8	
Tm/Tn	2.3	

Mechanical Data

Shaft height	100
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	74 dB(A)
Weight	39 kg
Bearing DE	6206 2Z C3
Bearing NDE	6206 2Z C3

Extra Data

Applicable brakes

DC brake	REB-05-12	Brake torque	32	N.m
AC brake	AC5	Brake torque	40	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	65	W
Three-phase forced ventilation	Power	65	W

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