

Technical Data Sheet
Electric Motor Three phase in Cast Iron IE3



L (standard motor)

510

L (motor w/brake)

655

L (motor w/forced ventilation)

615

L (motor without ventilation)

485

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
-	-	-	-	-	38k6	80	10	33	41	M12x28	-	-	259	210	265	230	300	4x15	4

Electrical Data

Type	PE30/UM3C*	
	132S1-2	
Poles	2/3000	Poles
Power	5.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2940	rpm
Nominal current	10.11	A
Power factor	0.88	
Efficiency 100%	89.2	%
Efficiency 75%	89.7	%
Efficiency 50%	88.6	%
Torque	17.9	N.m
Ta/Tn	2	
Ia/In	8.3	
Tm/Tn	2.3	

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	79	dB(A)
Weight	73	kg
Bearing DE	6308 2Z C3	
Bearing NDE	6308 2Z C3	

Extra Data

Applicable brakes

DC brake	REB-05-16	Brake torque	80	N.m
AC brake	AC7	Brake torque	90	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	55	W
Three-phase forced ventilation	Power	55	W