

Technical Data Sheet
Electric Motor Three phase in Cast Iron IE3



L (standard motor)

540

L (motor w/brake)

685

L (motor w/forced ventilation)

645

L (motor without ventilation)

513

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
132	216	178	89	12	38k6	80	10	33	41	M12x28	270	225	259	349	-	-	-	-	-

Electrical Data

Type	PE30/UM3C*
	132M-8
Poles	8/750
Power	3.00
Voltage	400
Frequency	50
Speed	710
Nominal current	7.10
Power factor	0.73
Efficiency 100%	83.5
Efficiency 75%	83.8
Efficiency 50%	80.5
Torque	40.35
Ta/Tn	1.8
Ia/In	6.0
Tm/Tn	2

Mechanical Data

Shaft height	132
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	64
Weight	85
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