

Technical Data Sheet
Electric Motor Three phase in Aluminum IE3



L (standard motor)

477

L (motor w/brake)

570

L (motor w/forced ventilation)

605

L (motor without ventilation)

371

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	254	214	265	324	-	-	-	-	-

Electrical Data

Type	PE31/UM3A*
	132M-8
Poles	8/750
Power	3.00
Voltage	400
Frequency	50
Speed	730
Nominal current	7.34
Power factor	0.70
Efficiency 100%	84.2
Efficiency 75%	84.8
Efficiency 50%	82.9
Torque	39.24
Ta/Tn	2.5
Ia/In	5.7
Tm/Tn	2.9

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	73
Weight	53
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	NA	Brake torque	NA	N.m

Applicable forced ventilations

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

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