

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*
	100L2-8
Poles	8/750
Power	1.10
Voltage	400
Frequency	50
Speed	680
Nominal current	3.00
Power factor	0.69
Efficiency 100%	77.5
Efficiency 75%	78.0
Efficiency 50%	74.3
Torque	15.45
Ta/Tn	1.8
Ia/In	5.0
Tm/Tn	2

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	59
Weight	35.6
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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