




GENERAL INFORMATION

Type	D1EA71M4BB3	Efficiency Class	IE1
Pout [kW]	0,37	Vibration Class	A
Speed [rpm]	1390	Weight [kg]	
Frame	71M	Degree of Protection	IP55
Current [A]	2	Cooling Method	IC 411
cos φ	0,66	Insulation Class	F
Rotation	CW-CCW	Temperature Class	B
Duty	S1	Construction	IM B3
Ambient Temp. [°C]	-20...+40	Altitude above sea [m]	1000

  						
3~MOT	Type	DM 71-4				
S1	IM B3	IP 55	I.CL.F	IE1		
	V	Hz	A	kW	cos φ	1 / min
Δ	220	50	2	0,37	0,66	1390
Y	380	50	1,2	0,37	0,66	1390
Y	460	60	1,2	0,44	0,64	1668

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
220	100	2,54	2	1390	370	0,66	66	50

Locked Rotor Current	Ia [A]	4,7	Breakdown Torque	Mk [Nm]	6,1
	Ia / In	2,35		Mk / Mn	2,40
Locked Rotor Torque	Ma [Nm]	6	No Load Current	[A]	0,99
	Ma / Mn	2,36	No Load Power	[W]	151,5

MECHANICAL DATA

DE Bearing	6202-ZZ	Sound Pressure - 50 Hz - dB[B]	75
NDE Bearing	6202-ZZ	Sound Pressure - 60 Hz - dB[B]	76
Fixed Bearing	NO	Housing Material	Aluminium
Lubrication	-	DE Shield Material	Aluminium
Grease Amount	-	Terminal Box Material	Polyamide
Grease Type	-	Cable Entry	PG 11
Feather Key	5*5*22	Cable Gland Position	4
Balance	G 1,6 Half Key		

MECHANICAL DIMENSIONS

A	AA	AB	AC	AD	B	B'	BA	BB	C	D	d	E	EB	F	GA
112	30,1	23,5	139,6	-	90	-	23,5	108	45	14	M5	30	22	5	16
GD	H	HA	HC	HD	K	K1	L	LA	LB	M	N	P	S	S1	T
5	71	9,5	129,5	177	11	7	247,5	-	-	-	-	-	-	-	-

