



GENERAL INFORMATION

Type	V1EA71M2AB34	Efficiency Class	IE1
Pout [kW]	0,37	Vibration Class	A
Speed [rpm]	2800	Weight [kg]	
Frame	71M	Degree of Protection	IP55
Current [A]	1,9	Cooling Method	IC 411
cos φ	0,8	Insulation Class	F
Rotation	CW-CCW	Temperature Class	B
Duty	S1	Construction	IM B34
Ambient Temp. [°C]	-20...+40	Altitude above sea [m]	1000

 		3~MOT	Type	DM 71-2		
		S1	IM B34	IP 55	I.C.L.F	IE1
	V	Hz	A	kW	cos φ	1 / min
Δ	220	50	1,9	0,37	0,8	2800
Y	380	50	1,1	0,37	0,8	2800
Y	460	60	1,1	0,44	0,79	3360

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
220	100	1,26	1,9	2800	370	0,8	63,9	50
Locked Rotor Current	Ia [A]	4,1	Breakdown Torque	Mk [Nm]	3			
	Ia / In	2,16		Mk / Mn	2,38			
Locked Rotor Torque	Ma [Nm]	3	No Load Current	[A]	0,83			
	Ma / Mn	2,38	No Load Power	[W]	142,4			

MECHANICAL DATA

DE Bearing	6202-ZZ	Sound Pressure - 50 Hz - dB[B]	80
NDE Bearing	6202-ZZ	Sound Pressure - 60 Hz - dB[B]	87
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	34,5	213	-	-	-	-	-	-

