



GENERAL INFORMATION

Type	DSSA71M2DB35	Efficiency Class	-
Pout [kW]	0,55	Vibration Class	A
Speed [rpm]	2830	Weight [kg]	
Frame	71M	Degree of Protection	IP55
Current [A]	4	Cooling Method	IC 411
cos φ	0,91	Insulation Class	F
Rotation	CW-CCW	Temperature Class	B
Duty	S1	Construction	IM B35
Ambient Temp. [°C]	-20...+40	Altitude above sea [m]	1000
Run [μf]	20	Start [μf]	124-149

 					
1~MOT	Type	DM 71-2			
S1	IM B35	IP 55	I.C.L.F		
V	Hz	A	kW	cos φ	1 / min
220	50	4	0,55	0,91	2830
CAPACITOR 20 μf 450 V / 124-149 μf 250 V					

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
220	100	1,86	4	2830	550	0,91	70	50
Locked Rotor Current	la [A]	19,8		Breakdown Torque	Mk [Nm]		5,3	
	la / In	4,95			Mk / Mn		2,86	
Locked Rotor Torque	Ma [Nm]	2,5		No Load Current	[A]		1,7	
	Ma / Mn	1,35		No Load Power	[W]		260	

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	150	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	128,75	175,25	11	7	247,5	8,7	238,8	130	110	160	10	4	3,5

