



GENERAL INFORMATION

Type	DSSA71M2CB35	Efficiency Class	-
Pout [kW]	0,37	Vibration Class	A
Speed [rpm]	2860	Weight [kg]	
Frame	71M	Degree of Protection	IP55
Current [A]	2,5	Cooling Method	IC 411
cos φ	0,98	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]	15	Start [μf]	64-77

 					
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	2,5	0,37	0,98	2860
CAPACITOR		15 μf	450 V	/	64-77 μf 250 V

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
220	100	1,24	2,5	2860	370	0,98	69	50
Locked Rotor Current	Ia [A]	14,2	Breakdown Torque	Mk [Nm]	2,9			
	Ia / In	5,68		Mk / Mn	2,35			
Locked Rotor Torque	Ma [Nm]	3,4	No Load Current	[A]	2,2			
	Ma / Mn	2,75	No Load Power	[W]	217			

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

