



GENERAL INFORMATION

Type	DSSA100L2AB35	Efficiency Class	-
Pout [kW]	3	Vibration Class	A
Speed [rpm]	2870	Weight [kg]	
Frame	100L	Degree of Protection	IP55
Current [A]	18	Cooling Method	IC 411
cos φ	0,96	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]	50	Start [μf]	280-333

 					
1~MOT	Type	DM 100-2			
S1	IM B35	IP 55	I.C.L.F		
V	Hz	A	kW	cos φ	1 / min
220	50	18	3	0,96	2870
CAPACITOR 50 μf 450 V / 280-333 μf 250 V					

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
220	100	9,98	18	2870	3000	0,96	80	50

Locked Rotor Current	Ia [A]	85	Breakdown Torque	Mk [Nm]	19
	Ia / In	4,72		Mk / Mn	1,90
Locked Rotor Torque	Ma [Nm]	20,6	No Load Current	[A]	7
	Ma / Mn	2,06	No Load Power	[W]	601

MECHANICAL DATA

DE Bearing	6206-ZZ	Sound Pressure - 50 Hz - dB[B]	85
NDE Bearing	6204-ZZ	Sound Pressure - 60 Hz - dB[B]	90
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	8*7*50	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
160	45,6	40	197	177,5	140	-	40	174	63	28	M10	60	50	8	31
GD	H	HA	HC	HD	K	K1	L	LA	LB	M	N	P	S	S1	T
7	100	13	187	250,5	18	12	371,5	13	358,5	215	180	250	14,5	4	4

