



GENERAL INFORMATION

Type	DSSA80M6AB35	Efficiency Class	-
Pout [kW]	0,25	Vibration Class	A
Speed [rpm]	950	Weight [kg]	
Frame	80M	Degree of Protection	IP55
Current [A]	2,1	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]	64-77

 					
1~MOT	Type	DM 80-6			
S1	IM B35	IP 55	I.C.L.F		
V	Hz	A	kW	cos φ	1 / min
220	50	2,1	0,25	0,91	950
CAPACITOR 20 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	2,51	2,1	950	250	0,91	60	50
Locked Rotor Current	Ia [A]	11	Breakdown Torque	Mk [Nm]	5,7			
	Ia / In	5,24		Mk / Mn	2,27			
Locked Rotor Torque	Ma [Nm]	6,3	No Load Current	[A]	1,5			
	Ma / Mn	2,51	No Load Power	[W]	202			

MECHANICAL DATA

DE Bearing	6204-ZZ	Sound Pressure - 50 Hz - dB[B]	77
NDE Bearing	6202-ZZ	Sound Pressure - 60 Hz - dB[B]	78
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	6*6*32	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
125	34,7	30,8	158,2	150	100	-	30,8	125	50	19	M6	40	32	6	21,5
GD	H	HA	HC	HD	K	K1	L	LA	LB	M	N	P	S	S1	T
6	80	11	146,1	192,6	15	10	281,5	10,2	271,3	165	130	200	12	4	3,5

