

GENERAL INFORMATION

Type	DSSA80M2DB35	Efficiency Class	-
Pout [kW]	1,1	Vibration Class	A
Speed [rpm]	2800	Weight [kg]	
Frame	80M	Degree of Protection	IP55
Current [A]	7,7	Cooling Method	IC 411
cos φ	0,93	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]	25	Start [μf]	124-149

VoIt electric motors		CE	TSE	QR CODE	
1~MOT	Type	DM 80-2			
S1	IM B35	IP 55	I.C.L.F		
V	Hz	A	kW	cos φ	1 / min
220	50	7,7	1,1	0,93	2800
CAPACITOR		25 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	3,75	7,7	2800	1100	0,93	72	50
Locked Rotor Current	Ia [A]	35,4	Breakdown Torque	Mk [Nm]	8,2			
	Ia / In	4,60		Mk / Mn	2,19			
Locked Rotor Torque	Ma [Nm]	10,7	No Load Current	[A]	5,8			
	Ma / Mn	2,85	No Load Power	[W]	423			

MECHANICAL DATA

DE Bearing	6204-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	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

