



GENERAL INFORMATION

Type	DSSA90L4AB34	Efficiency Class	-
Pout [kW]	1,5	Vibration Class	A
Speed [rpm]	1400	Weight [kg]	
Frame	90L	Degree of Protection	IP55
Current [A]	10,8	Cooling Method	IC 411
cos φ	0,91	Insulation Class	F
Rotation	CW-CCW	Temperature Class	B
Duty	S1	Construction	IM B34
Ambient Temp. [°C]	-20...+40	Altitude above sea [m]	1000
Run [μf]	40	Start [μf]	189-227

 					
1~MOT	Type	DM 90L-4			
S1	IM B34	IP 55	I.C.L.F		
V	Hz	A	kW	cos φ	1 / min
220	50	10,8	1,5	0,91	1400
CAPACITOR 40 μf 450 V / 189-227 μf 250 V					

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
220	100	10,23	10,8	1400	1500	0,91	77	50
Locked Rotor Current	Ia [A]	45	Breakdown Torque	Mk [Nm]	17,5			
	Ia / In	4,17	Mk / Mn	1,71				
Locked Rotor Torque	Ma [Nm]	26,3	No Load Current	[A]	4,5			
	Ma / Mn	2,57	No Load Power	[W]	389			

MECHANICAL DATA

DE Bearing	6205-ZZ	Sound Pressure - 50 Hz - dB[B]	75
NDE Bearing	6203-ZZ	Sound Pressure - 60 Hz - dB[B]	76
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*40	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
140	40,5	33,2	178	167,5	125	-	33,2	155	56	24	M8	50	40	8	27
GD	H	HA	HC	HD	K	K1	L	LA	LB	M	N	P	S	S1	T
7	90	12	168,5	226	15	10	333	37,5	295,5	-	-	-	-	-	-

