



GENERAL INFORMATION

Type	DSSA90L6AB35	Efficiency Class	-
Pout [kW]	0,75	Vibration Class	A
Speed [rpm]	940	Weight [kg]	
Frame	90L	Degree of Protection	IP55
Current [A]	5,8	Cooling Method	IC 411
cos φ	0,85	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]	30	Start [μf]	145-175

 					
1~MOT	Type	DM 90L-6			
S1	IM B35	IP 55	I.C.L.F		
V	Hz	A	kW	cos φ	1 / min
220	50	5,8	0,75	0,85	940
CAPACITOR 30 μf 450 V / 145-175 μf 250 V					

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
220	100	7,62	5,8	940	750	0,85	70	50
Locked Rotor Current	la [A]	32	Breakdown Torque	Mk [Nm]	13			
	la / In	5,52		Mk / Mn	1,71			
Locked Rotor Torque	Ma [Nm]	23,2	No Load Current	[A]	3,6			
	Ma / Mn	3,04	No Load Power	[W]	307			

MECHANICAL DATA

DE Bearing	6205-ZZ	Sound Pressure - 50 Hz - dB[B]	77
NDE Bearing	6203-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	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	9,8	323,2	165	130	200	12	4	3,5

