




GENERAL INFORMATION

Type	D1EA63M4AB3	Efficiency Class	IE1
Pout [kW]	0,12	Vibration Class	A
Speed [rpm]	1390	Weight [kg]	
Frame	63M	Degree of Protection	IP55
Current [A]	0,72	Cooling Method	IC 411
cos φ	0,68	Insulation Class	F
Rotation	CW-CCW	Temperature Class	B
Duty	S1	Construction	IM B3
Ambient Temp. [°C]	-20...+40	Altitude above sea [m]	1000

  		3~MOT	Type	DM 63-4		
		S1	IM B3	IP 55	I.CL.F	IE1
	V	Hz	A	kW	cos φ	1 / min
Δ	220	50	0,72	0,12	0,68	1390
Y	380	50	0,42	0,12	0,68	1390
Y	460	60	0,42	0,14	0,64	1668

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
220	100	0,82	0,72	1390	120	0,68	50	50

Locked Rotor Current	Ia [A]	1,3	Breakdown Torque	Mk [Nm]	1,86
	Ia / In	1,81		Mk / Mn	2,26
Locked Rotor Torque	Ma [Nm]	1,8	No Load Current	[A]	0,38
	Ma / Mn	2,18	No Load Power	[W]	76,6

MECHANICAL DATA

DE Bearing	6201-ZZ	Sound Pressure - 50 Hz - dB[B]	75
NDE Bearing	6201-ZZ	Sound Pressure - 60 Hz - dB[B]	76
Fixed Bearing	YES	Housing Material	Aluminium
Lubrication	-	DE Shield Material	Aluminium
Grease Amount	-	Terminal Box Material	Polyamide
Grease Type	-	Cable Entry	PG 11
Feather Key	4*4*16	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
100	26	23	125	-	80	-	23	100	40	11	M4	23	16	4	12,5
GD	H	HA	HC	HD	K	K1	L	LA	LB	M	N	P	S	S1	T
4	63	7	113	160,5	7	7	205,2	-	-	-	-	-	-	-	-

