




GENERAL INFORMATION

Type	D1EA63M2BB3	Efficiency Class	IE1
Pout [kW]	0,25	Vibration Class	A
Speed [rpm]	2800	Weight [kg]	
Frame	63M	Degree of Protection	IP55
Current [A]	1,21	Cooling Method	IC 411
cos φ	0,79	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 63-2		
		S1	IM B3	IP 55	I.C.L.F	IE1
	V	Hz	A	kW	cos φ	1 / min
Δ	220	50	1,21	0,25	0,79	2800
Y	380	50	0,7	0,25	0,79	2800
Y	460	60	0,7	0,3	0,77	3360

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
220	100	0,85	1,21	2800	250	0,79	54,6	50

Locked Rotor Current	Ia [A]	3,6	Breakdown Torque	Mk [Nm]	2
	Ia / In	2,98		Mk / Mn	2,35
Locked Rotor Torque	Ma [Nm]	2,7	No Load Current	[A]	0,49
	Ma / Mn	3,17	No Load Power	[W]	71,4

MECHANICAL DATA

DE Bearing	6201-ZZ	Sound Pressure - 50 Hz - dB[B]	80
NDE Bearing	6201-ZZ	Sound Pressure - 60 Hz - dB[B]	87
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	-	-	-	-	-	-	-	-

