

GENERAL INFORMATION

Type	D2EA132M4BB3	Efficiency Class	IE2
Pout [kW]	7,5	Vibration Class	A
Speed [rpm]	1455	Weight [kg]	
Frame	132M	Degree of Protection	IP55
Current [A]	15,1	Cooling Method	IC 411
cos φ	0,81	Insulation Class	F
Rotation	CW-CCW	Temperature Class	B
Duty	S1	Construction	IM B3
Ambient Temp. [°C]	-20...+40	Altitude above sea [m]	1000

USE WITH VARIABLE SPEED DRIVE		CE		TS		QR	
ONLY ACC. EU REGULATION 640/2009							
3~MOT	Type	DM 132M-4					
S1	IM B3	IP 55	I.C.L.F		η%		IE2 - 88,7
V	Hz	A	kW	cos φ	1 / min	LOAD	EFF.
Δ 400	50	15,1	7,5	0,81	1455	%75	87,5
Δ 480	60	15,1	9	0,79	1746	%50	86,5

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
400	100	49,23	15,1	1455	7500	0,81	88,7	50
400	75	36,72	11,6	1463	5625	0,8	87,5	50
400	50	24,23	9,1	1478	3750	0,69	86,5	50

Locked Rotor Current	Ia [A]	95	Breakdown Torque	Mk [Nm]	153
	Ia / In	6,29		Mk / Mn	3,11
Locked Rotor Torque	Ma [Nm]	145	No Load Current	[A]	6,9
	Ma / Mn	2,95	No Load Power	[W]	363

MECHANICAL DATA

DE Bearing	6208-ZZ	Sound Pressure - 50 Hz - dB[B]	83
NDE Bearing	6208-ZZ	Sound Pressure - 60 Hz - dB[B]	86
Fixed Bearing	NO	Housing Material	Aluminium
Lubrication	-	DE Shield Material	Aluminium
Grease Amount	-	Terminal Box Material	Polyamide
Grease Type	-	Cable Entry	PG 21
Feather Key	10*8*70	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
216	58.5	37,4	258,5	-	178	-	37,4	218,3	89	38	M12	80	70	10	41
GD	H	HA	HC	HD	K	K1	L	LA	LB	M	N	P	S	S1	T
8	132	16	262,6	316,6	28,2	12	490	-	-	-	-	-	-	-	-

