



### GENERAL INFORMATION

Type	D2EA132M6BB3	Efficiency Class	IE2
Pout [kW]	5,5	Vibration Class	A
Speed [rpm]	965	Weight [kg]	
Frame	132M	Degree of Protection	IP55
Current [A]	11,7	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

USE WITH VARIABLE SPEED DRIVE ONLY ACC. EU REGULATION 640/2009							
						3~MOT	Type
S1	IM B3	IP 55	I.C.L.F	η%			
V	Hz	A	kW	cos φ	1 / min	LOAD	EFF.
Δ 400	50	11,7	5,5	0,79	965	%75	85,5
Δ 480	60	11,7	6,6	0,78	1158	%50	83,8

### ELECTRICAL DATA ( RAW MEASUREMENT DATA )

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
400	100	54,43	11,7	965	5500	0,79	86	50
400	75	40,4	9,8	975	4125	0,71	85,5	50
400	50	26,66	7,9	985	2750	0,6	83,8	50

Locked Rotor Current	Ia [A]	73	Breakdown Torque	Mk [Nm]	168
	Ia / In	6,24		Mk / Mn	3,09
Locked Rotor Torque	Ma [Nm]	106	No Load Current	[A]	6,4
	Ma / Mn	1,95	No Load Power	[W]	353

### MECHANICAL DATA

DE Bearing	6208-ZZ	Sound Pressure - 50 Hz - dB[B]	80
NDE Bearing	6208-ZZ	Sound Pressure - 60 Hz - dB[B]	83
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	-	-	-	-	-	-	-	-

