



GENERAL INFORMATION

Type	D2EA132M2AB35	Efficiency Class	IE2
Pout [kW]	11	Vibration Class	A
Speed [rpm]	2930	Weight [kg]	
Frame	132M-C	Degree of Protection	IP55
Current [A]	19,3	Cooling Method	IC 411
cos φ	0,9	Insulation Class	F
Rotation	CW-CCW	Temperature Class	B
Duty	S1	Construction	IM B35
Ambient Temp. [°C]	-20...+40	Altitude above sea [m]	1000

USE WITH VARIABLE SPEED DRIVE ONLY ACC. EU REGULATION 640/2009							
						3~MOT	Type
				η%			
				IE2 - 89,4			
S1	IM B35	IP 55	I.CL.F				
V	Hz	A	kW	cos φ	1 / min	LOAD	EFF.
Δ 400	50	19,3	11	0,9	2930	%75	90,6
Δ 480	60	19,3	13,2	0,89	3520	%50	90,1

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
400	100	35,85	19,3	2930	11000	0,9	89,4	50
400	75	26,6	15,2	2962	8250	0,86	90,6	50
400	50	17,63	11,4	2979	5500	0,77	90,1	50

Locked Rotor Current	Ia [A]	172,6	Breakdown Torque	Mk [Nm]	156
	Ia / In	8,94		Mk / Mn	4,35
Locked Rotor Torque	Ma [Nm]	121	No Load Current	[A]	7,1
	Ma / Mn	3,37	No Load Power	[W]	567

MECHANICAL DATA

DE Bearing	6208-ZZ	Sound Pressure - 50 Hz - dB[B]	90
NDE Bearing	6208-ZZ	Sound Pressure - 60 Hz - dB[B]	93
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	17,5	472,5	265	230	300	14,5	4	4

