

### GENERAL INFORMATION

Type	D2EA132S2AB3	Efficiency Class	IE2
Pout [kW]	5,5	Vibration Class	A
Speed [rpm]	2940	Weight [kg]	
Frame	132S	Degree of Protection	IP55
Current [A]	9,9	Cooling Method	IC 411
cos φ	0,89	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 132S-2					
S1	IM B3	IP 55	I.C.L.F		η%		IE2 - 87
V	Hz	A	kW	cos φ	1 / min	LOAD	EFF.
Δ 400	50	9,9	5,5	0,89	2940	%75	87,2
Δ 480	60	9,9	6,6	0,88	3540	%50	86,6

### ELECTRICAL DATA ( RAW MEASUREMENT DATA )

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
400	100	17,87	9,9	2940	5500	0,89	87	50
400	75	13,31	7,7	2959	4125	0,89	87,2	50
400	50	8,82	5,9	2977	2750	0,78	86,6	50

  

Locked Rotor Current	Ia [A]	80	Breakdown Torque	Mk [Nm]	70
	Ia / In	8,08		Mk / Mn	3,92
Locked Rotor Torque	Ma [Nm]	47	No Load Current	[A]	3,7
	Ma / Mn	2,63	No Load Power	[W]	393

### MECHANICAL DATA

DE Bearing	6208-ZZ	Sound Pressure - 50 Hz - dB[B]	85
NDE Bearing	6208-ZZ	Sound Pressure - 60 Hz - dB[B]	90
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	36,2	258,5	-	140	-	36,2	180	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	452	-	-	-	-	-	-	-	-

