



### GENERAL INFORMATION

Type	D2EA132S6AB35	Efficiency Class	IE2
Pout [kW]	3	Vibration Class	A
Speed [rpm]	970	Weight [kg]	
Frame	132S	Degree of Protection	IP55
Current [A]	7	Cooling Method	IC 411
cos φ	0,73	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
S1		IM B35	IP 55	I.C.L.F		η%	
V	Hz	A	kW	cos φ	1 / min	LOAD	EFF.
Δ 400	50	7	3	0,73	970	%75	82,3
Δ 480	60	7	3,6	0,72	1170	%50	82,1

### ELECTRICAL DATA ( RAW MEASUREMENT DATA )

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
400	100	29,54	7	970	3000	0,73	83,3	50
400	75	22,02	6	976	2250	0,66	82,3	50
400	50	14,53	5,2	986	1500	0,51	82,1	50

Locked Rotor Current	Ia [A]	45	Breakdown Torque	Mk [Nm]	98,3
	Ia / In	6,43		Mk / Mn	3,33
Locked Rotor Torque	Ma [Nm]	74,7	No Load Current	[A]	4,6
	Ma / Mn	2,53	No Load Power	[W]	299

### 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	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	17,5	434,5	265	230	300	14,5	4	4

