

### GENERAL INFORMATION

Type	D3EA132S2BB3	Efficiency Class	IE3
Pout [kW]	7,5	Vibration Class	A
Speed [rpm]	2960	Weight [kg]	
Frame	132S	Degree of Protection	IP55
Current [A]	13,2	Cooling Method	IC 411
cos φ	0,88	Insulation Class	F
Rotation	CW-CCW	Temperature Class	B
Duty	S1	Construction	IM B3
Ambient Temp. [°C]	-20...+40	Altitude above sea [m]	1000

3~MOT		Type		DM 132S-2				η%	
S1		IM B3		IP 55		I.C.L.F.		IE3 - 91,8	
	V	Hz	A	kW	cos φ	1 / min	LOAD	EFF.	
Δ	400	50	13,2	7,5	0,88	2960	%75	92	
Y	690	50	7,6	7,5	0,88	2960			
Δ	460	60	11,8	7,5	0,88	3555	%50	90,5	
Δ	480	60	13,2	9	0,88	3552			

### ELECTRICAL DATA ( RAW MEASUREMENT DATA )

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
400	100	24,2	13,2	2960	7500	0,88	91,8	50
400	75	18	9,9	2985	5625	0,89	92	50
400	50	12	8,1	2984	3750	0,74	90,5	50

  

Locked Rotor Current	Ia [A]	140	Breakdown Torque	Mk [Nm]	112
	Ia / In	10,61		Mk / Mn	4,63
Locked Rotor Torque	Ma [Nm]	100	No Load Current	[A]	5
	Ma / Mn	4,13	No Load Power	[W]	430

### 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	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	482	-	-	-	-	-	-	-	-

