


### GENERAL INFORMATION

Type	D3EG315M2AB3	Efficiency Class	IE3
Pout [kW]	132	Vibration Class	A
Speed [rpm]	2985	Weight [kg]	
Frame	315M	Degree of Protection	IP55
Current [A]	227	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

TSE		CE	
3~MOT	Type	DM 315M-2	
			
S1	IM B3	IP 55	I.C.L.F
η% IE3 - 95,4			
V	Hz	A	kW
Δ 400	50	227	132
Y 690	50	131,6	132
cos φ	1 / min	LOAD	EFF.
0,88	2985	%75	94,9
0,88	2985	%50	93,4
BEARING		GREASE	QUANTITY
DE	6316	POLYREX EM	30 GR
NDE	6316	POLYREX EM	30 GR
			CYCLE(HOURS)
			2000
			4000

### ELECTRICAL DATA ( RAW MEASUREMENT DATA )

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
400	100	422,31	227	2985	132000	0,88	95,4	50
400	75	316,42	178,9	2988	99000	0,84	94,9	50
400	50	210,66	134,8	2992	66000	0,76	93,4	50

Locked Rotor Current	Ia [A]	1947	Breakdown Torque	Mk [Nm]	2100
	Ia / In	8,58		Mk / Mn	4,97
Locked Rotor Torque	Ma [Nm]	978	No Load Current	[A]	77,5
	Ma / Mn	2,32	No Load Power	[W]	4104

### MECHANICAL DATA

DE Bearing	6316-ZZ	Sound Pressure - 50 Hz - dB[B]	102
NDE Bearing	6316-ZZ	Sound Pressure - 60 Hz - dB[B]	109
Fixed Bearing	YES	Housing Material	Cast Iron
Lubrication	YES	DE Shield Material	Cast Iron
Grease Amount	30 gr	Terminal Box Material	Aluminium
Grease Type	POLYREX EM	Cable Entry	M63
Feather Key	18*11*125	Cable Gland Position	4
Balance	G 2,5 Half Key		

### MECHANICAL DIMENSIONS

A	AA	AB	AC	AD	B	B'	BA	BB	C	D	d	E	EB	F	GA
508	125	115	615	-	457	406	115	550	216	65	M20	140	125	18	69
GD	H	HA	HC	HD	K	K1	L	LA	LB	M	N	P	S	S1	T
11	315	50	613	817,1	28	28	1156	-	-	-	-	-	-	-	-

