


GENERAL INFORMATION

Type	D3EG315M6AB35	Efficiency Class	IE3
Pout [kW]	110	Vibration Class	A
Speed [rpm]	992	Weight [kg]	
Frame	315M	Degree of Protection	IP55
Current [A]	221	Cooling Method	IC 411
cos φ	0,76	Insulation Class	H
Rotation	CW-CCW	Temperature Class	B
Duty	S1	Construction	IM B35
Ambient Temp. [°C]	-20...+40	Altitude above sea [m]	1000

TSE		CE	
3~MOT	Type	DM 315L-6	
			
S1	IM B35	IP 55	I.CL.H
η% IE3 - 95,1			
V	Hz	A	kW
Δ 400	50	221	110
Y 690	50	127,6	110
cos φ	1 / min	LOAD	EFF.
0,76	992	%75	95
0,76	992	%50	94,3
BEARING		GREASE	QUANTITY
DE	6318	POLYREX EM	30 GR
NDE	6318	POLYREX EM	30 GR
			CYCLE(HOURS)
			4000
			4000

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
400	100	1058,97	221	992	110000	0,76	95,1	50
400	75	792,63	180,7	994	82500	0,69	95	50
400	50	527,36	147	996	55000	0,57	94,3	50

Locked Rotor Current	Ia [A]	1435	Breakdown Torque	Mk [Nm]	3112
	Ia / In	6,49		Mk / Mn	2,94
Locked Rotor Torque	Ma [Nm]	2540	No Load Current	[A]	109,4
	Ma / Mn	2,40	No Load Power	[W]	2549

MECHANICAL DATA

DE Bearing	6318-ZZ	Sound Pressure - 50 Hz - dB[B]	100
NDE Bearing	6318-ZZ	Sound Pressure - 60 Hz - dB[B]	104
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	22*14*140	Cable Gland Position	4
Balance	G 2,5 Half Key	*Shaft-end diameter (D) is 80 mm for Export Motors.	

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	80	M20	170	140	22	85
GD	H	HA	HC	HD	K	K1	L	LA	LB	M	N	P	S	S1	T
14	315	50	613	817,1	28	28	1156	24	1132	600	550	660	24	8	6

