


### GENERAL INFORMATION

Type	D3EG315L2AB35	Efficiency Class	IE3
Pout [kW]	200	Vibration Class	A
Speed [rpm]	2984	Weight [kg]	
Frame	315L	Degree of Protection	IP55
Current [A]	332	Cooling Method	IC 411
cos φ	0,9	Insulation Class	F
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-2	
			
S1	IM B35	IP 55	I.C.L.F
	η% IE3 - 96,4		
V	Hz	A	kW
Δ 400	50	332	200
Y 690	50	191,6	200
cos φ	1 / min	LOAD	EFF.
0,9	2984	%75	96,1
0,9	2984	%50	95,9
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	640,08	332	2984	200000	0,9	96,4	50
400	75	479,42	257,3	2988	150000	0,88	96,1	50
400	50	319,18	186	2992	100000	0,81	95,9	50

Locked Rotor Current	Ia [A]	2760	Breakdown Torque	Mk [Nm]	3050
	Ia / In	8,31		Mk / Mn	4,77
Locked Rotor Torque	Ma [Nm]	1280	No Load Current	[A]	95,3
	Ma / Mn	2,00	No Load Power	[W]	3973

### 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	125	615	-	508	-	125	600	316	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	1190	24	1166	600	550	660	24	8	6

