

### GENERAL INFORMATION

Type	D3EG315L2AB3	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 B3
Ambient Temp. [°C]	-20...+40	Altitude above sea [m]	1000

TSE		CE	
3~MOT		Type DM 315L-2	
S1		IM B3	
V		IP 55	
I.C.L.F		η% IE3 - 96,4	
Hz		kW	
A		cos φ	
1 / min		LOAD	
EFF.		CYCLE(HOURS)	
DE		BEARING	
NDE		GREASE	
30 GR		QUANTITY	
4000		CYCLE(HOURS)	

### 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	-	-	-	-	-	-	-	-

