



GENERAL INFORMATION

Type	D2EG315L2BB3	Efficiency Class	IE2
Pout [kW]	200	Vibration Class	A
Speed [rpm]	2970	Weight [kg]	
Frame	315L	Degree of Protection	IP55
Current [A]	328	Cooling Method	IC 411
cos φ	0,92	Insulation Class	F
Rotation	CW-CCW	Temperature Class	B
Duty	S1	Construction	IM B3
Ambient Temp. [°C]	-20...+40	Altitude above sea [m]	1000

 USE WITH VARIABLE SPEED DRIVE ONLY ACC. EU REGULATION 640/2009							
				3~MOT	Type	DM 315L-2	
S1	IM B3	IP 55	I.C.L.F	η% IE2 - 95			
V	Hz	A	kW	cos φ	1 / min	LOAD	EFF.
Δ 400	50	328	200	0,92	2970	%75	95,2
Δ 480	60	328	240	0,92	3565	%50	95
DE	BEARING 6316	GREASE POLYREX EM	QUANTITY 30 GR	CYCLE(HOURS) 2000			
NDE	6316	POLYREX EM	30 GR	4000			

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
400	100	643,1	328	2970	200000	0,92	95	50
400	75	481,03	245,7	2978	150000	0,93	95,2	50
400	50	319,83	168,2	2986	100000	0,9	95	50

Locked Rotor Current	Ia [A]	1785	Breakdown Torque	Mk [Nm]	2340
	Ia / In	5,44		Mk / Mn	3,64
Locked Rotor Torque	Ma [Nm]	1290	No Load Current	[A]	53,4
	Ma / Mn	2,01	No Load Power	[W]	3020

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	-	-	-	-	-	-	-	-

