

GENERAL INFORMATION

Type	D2EG200L2BB3YY	Efficiency Class	IE2
Pout [kW]	37	Vibration Class	A
Speed [rpm]	2960	Weight [kg]	
Frame	200L	Degree of Protection	IP55
Current [A]	64,4	Cooling Method	IC 411
cos φ	0,90	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		CE		TS		QR	
ONLY ACC. EU REGULATION 640/2009							
3~MOT	Type	DM 200-2					
S1	IM B3	IP 55	I.C.L.F		η%		IE2 - 92,5
V	Hz	A	kW	cos φ	1 / min	LOAD	EFF.
Δ 400	50	64,4	37	0,90	2960	%75	91,3
Δ 480	60	64,4	44,4	0,89	3550	%50	90,6

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
400	100	119,38	64,4	2960	37000	0,9	92,5	50
400	75	133,84	48,93	1970	27609	0,89	91,3	50
400	50	60,16	35,3	2980	18771	0,85	90,6	50

Locked Rotor Current	Ia [A]	497	Breakdown Torque	Mk [Nm]	300
	Ia / In	7,72		Mk / Mn	2,51
Locked Rotor Torque	Ma [Nm]	278	No Load Current	[A]	15,8
	Ma / Mn	2,33	No Load Power	[W]	1368

MECHANICAL DATA

DE Bearing	6312-ZZ	Sound Pressure - 50 Hz - dB[B]	95
NDE Bearing	6212-ZZ	Sound Pressure - 60 Hz - dB[B]	102
Fixed Bearing	YES	Housing Material	Cast Iron
Lubrication	Optional	DE Shield Material	Cast Iron
Grease Amount	30 gr	Terminal Box Material	Aluminium
Grease Type	POLYREX EM	Cable Entry	M50
Feather Key	16*10*100	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
318	82	68	388	-	305	-	68	357	133	55	M20	110	100	16	59
GD	H	HA	HC	HD	K	K1	L	LA	LB	M	N	P	S	S1	T
10	200	26	403	487	18,5	18,5	770	-	-	-	-	-	-	-	-

