

GENERAL INFORMATION

Type	D2EG200L4BB35	Efficiency Class	IE2
Pout [kW]	37	Vibration Class	A
Speed [rpm]	1478	Weight [kg]	
Frame	200L	Degree of Protection	IP55
Current [A]	69	Cooling Method	IC 411
cos φ	0,85	Insulation Class	F
Rotation	CW-CCW	Temperature Class	B
Duty	S1	Construction	IM B35
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 C 200L-4					
S1	IM B35	IP 55	I.C.L.F		η%		
V	Hz	A	kW	cos φ	1 / min	LOAD	EFF.
Δ 400	50	69	37	0,85	1478	%75	89,9
Δ 480	60	69	44,4	0,84	1774	%50	88,9

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
400	100	239,07	69	1478	37000	0,85	92,7	50
400	75	178,94	55,8	1481	27750	0,8	89,9	50
400	50	118,81	43,9	1487	18500	0,68	88,9	50

Locked Rotor Current	Ia [A]	483	Breakdown Torque	Mk [Nm]	1037
	Ia / In	7,00		Mk / Mn	4,34
Locked Rotor Torque	Ma [Nm]	736	No Load Current	[A]	31,8
	Ma / Mn	3,08	No Load Power	[W]	1371

MECHANICAL DATA

DE Bearing	6312-ZZ	Sound Pressure - 50 Hz - dB[B]	92
NDE Bearing	6212-ZZ	Sound Pressure - 60 Hz - dB[B]	95
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	80	68	388	-	305	-	68	355	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	30	403	487	18,5	18,5	747	20	727	350	300	400	18,5	4	5

