



### GENERAL INFORMATION

Type	D3EG200L2BB35	Efficiency Class	IE3
Pout [kW]	37	Vibration Class	A
Speed [rpm]	2970	Weight [kg]	
Frame	200L	Degree of Protection	IP55
Current [A]	62,8	Cooling Method	IC 411
cos φ	0,92	Insulation Class	F
Rotation	CW-CCW	Temperature Class	B
Duty	S1	Construction	IM B35
Ambient Temp. [°C]	-20...+40	Altitude above sea [m]	1000

3~MOT		Type		DM 200L-2				 	
S1		IM B35		IP 55		I.C.L.F.		η%	
								IE3 - 93,7	
	V	Hz	A	kW	cos φ	1 / min	LOAD	EFF.	
Δ	400	50	62,8	37	0,92	2970	%75	92,6	
Y	690	50	36,3	37	0,92	2970			
Δ	460	60	56,5	37	0,91	3569	%50	92,8	
Δ	480	60	62,8	44,4	0,91	3566			

### ELECTRICAL DATA ( RAW MEASUREMENT DATA )

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
400	100	118,97	62,8	2970	37000	0,92	93,7	50
400	75	89,05	48	2976	27750	0,9	92,6	50
400	50	59,21	33,6	2984	18500	0,86	92,8	50

Locked Rotor Current	Ia [A]	668	Breakdown Torque	Mk [Nm]	390
	Ia / In	10,64		Mk / Mn	3,28
Locked Rotor Torque	Ma [Nm]	350	No Load Current	[A]	14
	Ma / Mn	2,94	No Load Power	[W]	975

### 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	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	782	20	762	350	300	400	18,5	4	5

