



### GENERAL INFORMATION

Type	D3EG200L4AB3	Efficiency Class	IE3
Pout [kW]	30	Vibration Class	A
Speed [rpm]	1480	Weight [kg]	
Frame	200L	Degree of Protection	IP65
Current [A]	57	Cooling Method	IC 411
cos φ	0,80	Insulation Class	F
Rotation	CW-CCW	Temperature Class	B
Duty	S1	Construction	IM B3
Ambient Temp. [°C]	-20...+40	Altitude above sea [m]	1000

 		3~MOT		Type	DM 200L-4		η%	
						IE3 - 93,6		
S1	IM B3		IP 65	I.C.L.F.				
V	Hz	A	kW	cos φ	1 / min	LOAD	EFF.	
Δ 400	50	57	30	0,80	1480	%75	93,6	
Y 690	50	32,9	30	0,80	1480			
Δ 460	60	49,9	30	0,79	1783	%50	93,5	
Δ 480	60	57	36	0,80	1781			

### ELECTRICAL DATA ( RAW MEASUREMENT DATA )

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
400	100	193,58	57	1480	30000	0,8	93,6	50
400	75	144,6	46,7	1486	22500	0,74	93,6	50
400	50	95,56	38,2	1499	15000	0,61	93,5	50

Locked Rotor Current	Ia [A]	560	Breakdown Torque	Mk [Nm]	789
	Ia / In	9,82		Mk / Mn	4,08
Locked Rotor Torque	Ma [Nm]	770	No Load Current	[A]	30,5
	Ma / Mn	3,98	No Load Power	[W]	1084

### 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	782	-	-	-	-	-	-	-	-

