

GENERAL INFORMATION

Type	D2EA200L2AB35YY	Efficiency Class	IE2
Pout [kW]	30	Vibration Class	A
Speed [rpm]	2970	Weight [kg]	
Frame	200L	Degree of Protection	IP55
Current [A]	55,4	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 200-2					
S1	IM B35	IP 55	I.C.L.F		η%		IE2 - 92,0
V	Hz	A	kW	cos φ	1 / min	LOAD	EFF.
Δ 400	50	55,4	30	0,85	2970	%75	90,7
Δ 480	60	55,4	36	0,84	3564	%50	89,2

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
400	100	96,46	55,4	2970	30000	0,85	92	50
400	75	72,39	43,73	2975	22550	0,82	90,7	50
400	50	48,81	33,8	2985	15255	0,73	89,2	50

Locked Rotor Current	Ia [A]	534,3	Breakdown Torque	Mk [Nm]	294
	Ia / In	9,64		Mk / Mn	3,05
Locked Rotor Torque	Ma [Nm]	293,7	No Load Current	[A]	21,5
	Ma / Mn	3,04	No Load Power	[W]	1470

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	Aluminium
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	80,1	69,35	388	-	305	-	69,35	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	27	403	487	24	18,5	767	20	747	350	300	400	18,5	4	5

