

GENERAL INFORMATION

Type	D3EA200L2AB35YY	Efficiency Class	IE3
Pout [kW]	30	Vibration Class	A
Speed [rpm]	2975	Weight [kg]	
Frame	200L	Degree of Protection	IP55
Current [A]	51,8	Cooling Method	IC 411
cos φ	0,89	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			η%	
S1		IM B35		IP 55		I.C.L.F.		IE3 - 93,3
V	Hz	A	kW	cos φ	1 / min	LOAD	EFF.	
Δ 400	50	51,8	30	0,89	2975	%75	92,8	
Y 690	50	30,0	30	0,89	2975			
Δ 460	60	45,0	30	0,89	3575	%50	89,5	
Δ 480	60	51,8	36	0,89	3570			

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
400	100	96,3	51,8	2975	30000	0,9	93,3	50
400	75	72,31	40,2	2981	22571	0,87	92,8	50
400	50	48,07	29,5	2987	15035	0,82	89,5	50

Locked Rotor Current	Ia [A]	480	Breakdown Torque	Mk [Nm]	363,8
	Ia / In	9,27		Mk / Mn	3,78
Locked Rotor Torque	Ma [Nm]	360	No Load Current	[A]	15,5
	Ma / Mn	3,74	No Load Power	[W]	1276

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

