DATASHEET

Three Phase Induction Motor - Squirrel Cage

GENERAL INFORMATION

Type	D2EA132M6AB34	Efficiency Class	IE2
Pout [kW]	4	Vibration Class	A
Speed [rpm]	965	Weight [kg]	
Frame	132M	Degree of Protection	IP55
Current [A]	9	Cooling Method	IC 411
cos ϕ	0,75	Insulation Class	F
Rotation	CW-CCW	Temperature Class	B
Duty	S1	Construction	IM B34
Ambient Temp. [°C]	-20...+40	Altitude above sea [m]	1000

USE WITH VARIABLE SPEED DRIVE

ONLY ACC. EU REGULATION 640/2009

3~MOT	Type	DM 132M-6					
S1	IM B34	IP 55	I.CL.F			η%	
	V	Hz	A	kW	cos ϕ	1 / min	LOAD	EFF.
Δ	400	50	9	4	0,75	965	%75	85,2
Δ	480	60	9	4,8	0,74	1158		
							%50	83,2

IE2 - 85,2

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos ϕ	Efficiency	Hz
400	100	39,59	9	965	4000	0,75	85,2	50
400	75	29,41	7,9	974	3000	0,64	85,2	50
400	50	19,39	6,8	985	2000	0,51	83,2	50

Locked Rotor Current	Ia [A]	54	Breakdown Torque	Mk [Nm]	115
	Ia / In	6,00		Mk / Mn	2,91
Locked Rotor Torque	Ma [Nm]	98	No Load Current	[A]	5,8
	Ma / Mn	2,48	No Load Power	[W]	364

MECHANICAL DATA

DE Bearing	6208-ZZ	Sound Pressure - 50 Hz - dB[B]	80
NDE Bearing	6208-ZZ	Sound Pressure - 60 Hz - dB[B]	83
Fixed Bearing	NO	Housing Material	Aluminium
Lubrication	-	DE Shield Material	Aluminium
Grease Amount	-	Terminal Box Material	Polyamide
Grease Type	-	Cable Entry	PG 21
Feather Key	10*8*70	Cable Gland Position	4
Balance	G 1,6 Half Key		

MECHANICAL DIMENSIONS

A	AA	AB	AC	AD	B	B'	BA	BB	C	D	d	E	EB	F	GA
216	58.5	37,4	258,5	-	178	-	37,4	218,3	89	38	M12	80	70	10	41
GD	H	HA	HC	HD	K	K1	L	LA	LB	M	N	P	S	S1	T
8	132	16	262,6	316,6	28,2	12	490	52,7	437,3	-	-	-	-	-	-