

Three Phase Induction Motor - Squirrel Cage

GENERAL INFORMATION

Type	D2EG132S4AB34	Efficiency Class	IE2
Pout [kW]	5,5	Vibration Class	A
Speed [rpm]	1455	Weight [kg]	
Frame	132S	Degree of Protection	IP55
Current [A]	10,8	Cooling Method	IC 411
cos φ	0,84	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				CE		TS		QR CODE	
ONLY ACC. EU REGULATION 640/2009									
3~MOT	Type	DM 132S-4							
S1	IM B35	IP 55	I.C.L.F						
V	Hz	A	kW	cos φ	1 / min	LOAD	EFF.		
Δ 400	50	10,8	5,5	0,84	1455	%75	85,8		
Δ 480	60	10,8	6,6	0,83	1746	%50	86,2		

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
400	100	36,1	10,8	1455	5500	0,84	87,7	50
400	75	26,83	8,3	1468	4125	0,84	85,8	50
400	50	17,71	6,6	1483	2750	0,7	86,2	50

Locked Rotor Current	Ia [A]	73	Breakdown Torque	Mk [Nm]	129
	Ia / In	6,76		Mk / Mn	3,57
Locked Rotor Torque	Ma [Nm]	115	No Load Current	[A]	5
	Ma / Mn	3,19	No Load Power	[W]	270

MECHANICAL DATA

DE Bearing	6208-ZZ	Sound Pressure - 50 Hz - dB[B]	78
NDE Bearing	6208-ZZ	Sound Pressure - 60 Hz - dB[B]	81
Fixed Bearing	NO	Housing Material	Cast Iron
Lubrication	-	DE Shield Material	Cast Iron
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	37,1	258,5	-	140	-	37,1	180,2	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	17,5	263,5	317,5	12	12	452	52,7	399,3	-	-	-	-	-	-

