

GENERAL INFORMATION

Type	D3EA132M6BB35	Efficiency Class	IE3
Pout [kW]	5,5	Vibration Class	A
Speed [rpm]	970	Weight [kg]	
Frame	132M	Degree of Protection	IP55
Current [A]	12,7	Cooling Method	IC 411
cos φ	0,71	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 132M-6			η%	
S1		IM B35		IP 55		I.C.L.F.		IE3 - 88,0
V	Hz	A	kW	cos φ	1 / min	LOAD	EFF.	
Δ 400	50	12,7	5,5	0,71	970	%75	87,5	
Y 690	50	7,3	5,5	0,71	970			
Δ 460	60	10,7	5,5	0,7	1167	%50	83,6	
Δ 480	60	12,7	6,6	0,7	1165			

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
400	100	54,15	12,7	970	5500	0,71	88	50
400	75	40,2	11	980	4125	0,62	87,5	50
400	50	26,53	9,6	990	2750	0,49	83,6	50

Locked Rotor Current	Ia [A]	90,6	Breakdown Torque	Mk [Nm]	224
	Ia / In	7,13		Mk / Mn	4,14
Locked Rotor Torque	Ma [Nm]	137,9	No Load Current	[A]	8,65
	Ma / Mn	2,55	No Load Power	[W]	435

MECHANICAL DATA

DE Bearing	6208-ZZ	Sound Pressure - 50 Hz - dB[B]	80	Cable Gland Position
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	520	17,5	502,5	265	230	300	14,5	4	4

