

GENERAL INFORMATION

Type	D3EA132S2AB3	Efficiency Class	IE3
Pout [kW]	5,5	Vibration Class	A
Speed [rpm]	2960	Weight [kg]	
Frame	132S	Degree of Protection	IP55
Current [A]	9,5	Cooling Method	IC 411
cos φ	0,91	Insulation Class	F
Rotation	CW-CCW	Temperature Class	B
Duty	S1	Construction	IM B3
Ambient Temp. [°C]	-20...+40	Altitude above sea [m]	1000

3~MOT		Type		DM 132S-2			η%	
S1		IM B3		IP 55		I.C.L.F.		IE3 - 89,2
V	Hz	A	kW	cos φ	1 / min	LOAD	EFF.	
Δ 400	50	9,5	5,5	0,91	2960	%75	89,1	
Y 690	50	5,5	5,5	0,91	2960			
Δ 460	60	8,6	5,5	0,9	3570	%50	89	
Δ 480	60	9,5	6,6	0,9	3566			

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
400	100	17,74	9,5	2960	5500	0,91	89,2	50
400	75	13,24	7,4	2976	4125	0,9	89,1	50
400	50	8,78	5,5	2990	2750	0,81	89	50

Locked Rotor Current	Ia [A]	100	Breakdown Torque	Mk [Nm]	79,2
	Ia / In	10,53		Mk / Mn	4,46
Locked Rotor Torque	Ma [Nm]	67,8	No Load Current	[A]	3,2
	Ma / Mn	3,82	No Load Power	[W]	371

MECHANICAL DATA

DE Bearing	6208-ZZ	Sound Pressure - 50 Hz - dB[B]	85
NDE Bearing	6208-ZZ	Sound Pressure - 60 Hz - dB[B]	90
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	36,2	258,5	-	140	-	36,2	180	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	482	-	-	-	-	-	-	-	-

