



Manufacturer: **KONČAR – MES d.d., Fallerovo šetalište 22, 10000 Zagreb** www.koncar-mes.hr

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1.	Offer No: /KONČAR-MES code	
2.	Fan designation Type	VAAZ C 1000 11,1m³/s 0Pa M132-8 C5-M
3.	Customer mark	B51 71 496-R3

AERODINAMIC AND ACUSTIC PERFORMANCE

4.	Rated voltage (V ± 10% acc. to IEC 60034-1) and Connection	U V	400 Y
5.	Rated frequency (Hz +3, -5% acc. to IEC60034-1)	f Hz	50
6.	Volume flow ISO 5801 (± 5%)	Q m ³ /s	11,1
7.	Static pressure (± 5%)	P _{stat} Pa	0
8.	Power consumption (± 8%)	P ₁ kW	2,80
9.	Operating current during free blowing	I _r A	5,60
10.	Speed (1/min)	n rpm	710
11.	Sound power level on suction side in 2m (L _{wA}) (+4dBA) ISO 13347-1,3. Overall sound power level is obtaining by adding +3dBA to the suction side.	L _{wA} dBA	89
12.	Sound pressure level on suction side in 2m (L _{pA}) (+4 dBA) ISO 13347-1,3	L _{pA} dBA	75

Remarks performance

ELECTRIC MOTOR

14.	Motor designation: Type	5AZA 132-8		
Motor rated power		P ₂ kW	2,20	Isolation class F (warm up in B)
Motor rated current (operating current max pressure)		I _n A	5,70	Starting current I _k A 22,0
15.	Motor mechanical protection	IP55		
Electric motor acc EN 60034-*, Series 5AZ die cast aluminum parts, production KONCAR-MES, Cooling: IC 418				

Remarks motor

MECHANICAL DESIGN OF FAN

17.	Ambient temperature min - max	T _{min-max} °C	-30°C / +55°C	
18.	Classification of environments (C1 to C5M) acc. to EN	C5-M *		
19.	Color tone	RAL 7033 *		
Fan casing – steel hot deep galvanized 55 mic; Motor support – steel zinc galvanized 10 mic		EP+PU, 180mic *	Protection net – stainless steel, Distance between two wires: 12 mm	EP+PU, 100mic *
Motor		EP+PU, 100mic *	Impeller – die cast aluminum	N *

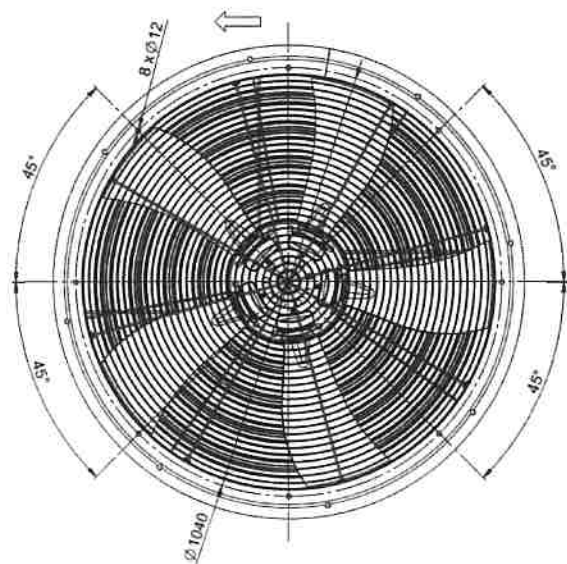
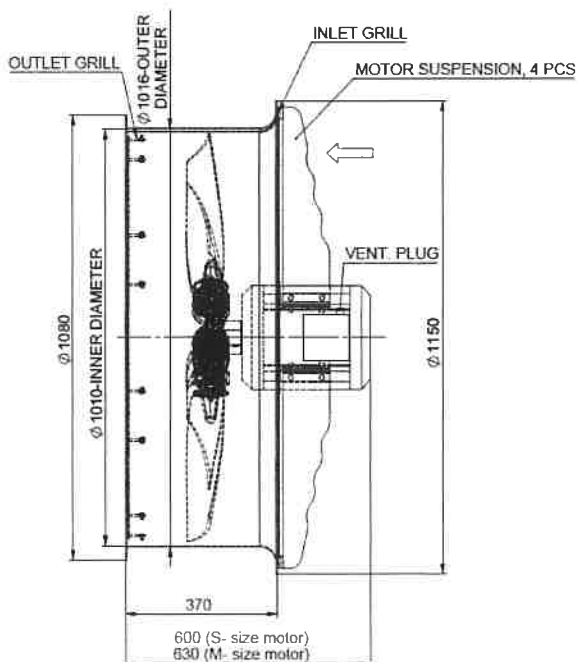
Remarks painting: ***SUBMITTED LATER**

Outdoor installation – suitable for all installation positions (horizontal /vertical), Balancing: class G 6,3 acc. ISO 14694

Terminal box – aluminum – part of electric motor, Mounting components (bolts and nuts) – stainless steel

Remarks

30	Dimension drawing No.	20.16999-7	Total weight of fan	kg	115
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Date: **25.3.2022.**

Approved: **N.Bolanča**