



SIT Group

PRODUCT TECHNICAL DATA

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MOD.	REV.: 0.1	DATE: 11/07/14	CUSTOMER: RIELLO_25kW	Project N° -----
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FAN TYPE: PREMIX FAN – NG PROJECT	PROJECT CODE: NG40_m - W940114111 (scheda elettronica power saving)
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DATA SHEET

REFERENCE RULES	EN 60335-1	
MOTOR TYPE:	BRUSHLESS MOTOR – BALL BEARINGS	
VOLTAGE / FREQUENCY	V / Hz	230 / 50
NOMINAL POWER*	W	65
INSULATION CLASS		F
PROTECTION CLASS		II
THERMALLY PROTECTED	°C	-
MAX ADMISSIBLE ΔT MOTOR	°C	85
MAX T OF OPERATING TIME AT LOCKED ROTOR	°C	-
MAX AMBIENT TEMPERATURE	°C	70
MAX MIXTURE TEMPERATURE	°C	60
WORKING POSITION / ISTALLATION		HORIZONTAL /VERTICAL/INCLINED
UTILIZE TIME		CONTINUOUS
VOLTAGE TAKE-OFF	V	120
ROTATION (SIDE EXIT SHAFT)		CCW
CAPACITOR	μF / VDB	-
PROBE MATERIAL		-
ELECTRICAL INTERFACE (connector,input,output)		see drawing W940114111

SPEED/CONNECTION WINDINGS

COMMON (N)	INTENSIVE	MAX	INTERMED	MIN	CAPACITOR

PERFORMANCE AT 230V

SPEED	R(Ω) ±7% at 20°C (SINGLE MOTOR)	I(A) ±10%	P(W) ±10%	RPM max ±100	Qmax(M³/h) ±5%	Psmax(Pa) ±5%	Lp(dbA) ±1
INTENSIVE	75		70	10400	82	2700	-
MAX							
MED							
MIN							

NOTES: Nominal power measured with flange on outlet. Min. ambient temperature: -10°
 La velocità di rotazione della girante é maggiore di 1.173 volte, rispetto al segnale "rpm" inviato dal ventilatore all'unità di controllo della caldaia
 Standby power 0.6W at 230V
 Min PWM % a min RPM in caldaia (V=230V) = 11%
 Max PWM % a max RPM in caldaia (V=230V) = 83%

ANNEXED DOCUMENTATION

DRAWING: W940114111

R&D SIT S.p.a.

COMPILED: TANONI

APPROVED: RANALLI

CUSTOMER APPROVAL

APPROVAL SIGNATURE BY THE CUSTOMER:

N.B. SIT S.p.a. is not responsible about working anomalies due to not appropriate use according to what specified on this document. For the final use of the product, customer must verify that it doesn't cause an alteration to the reference data of normative I.E.C.



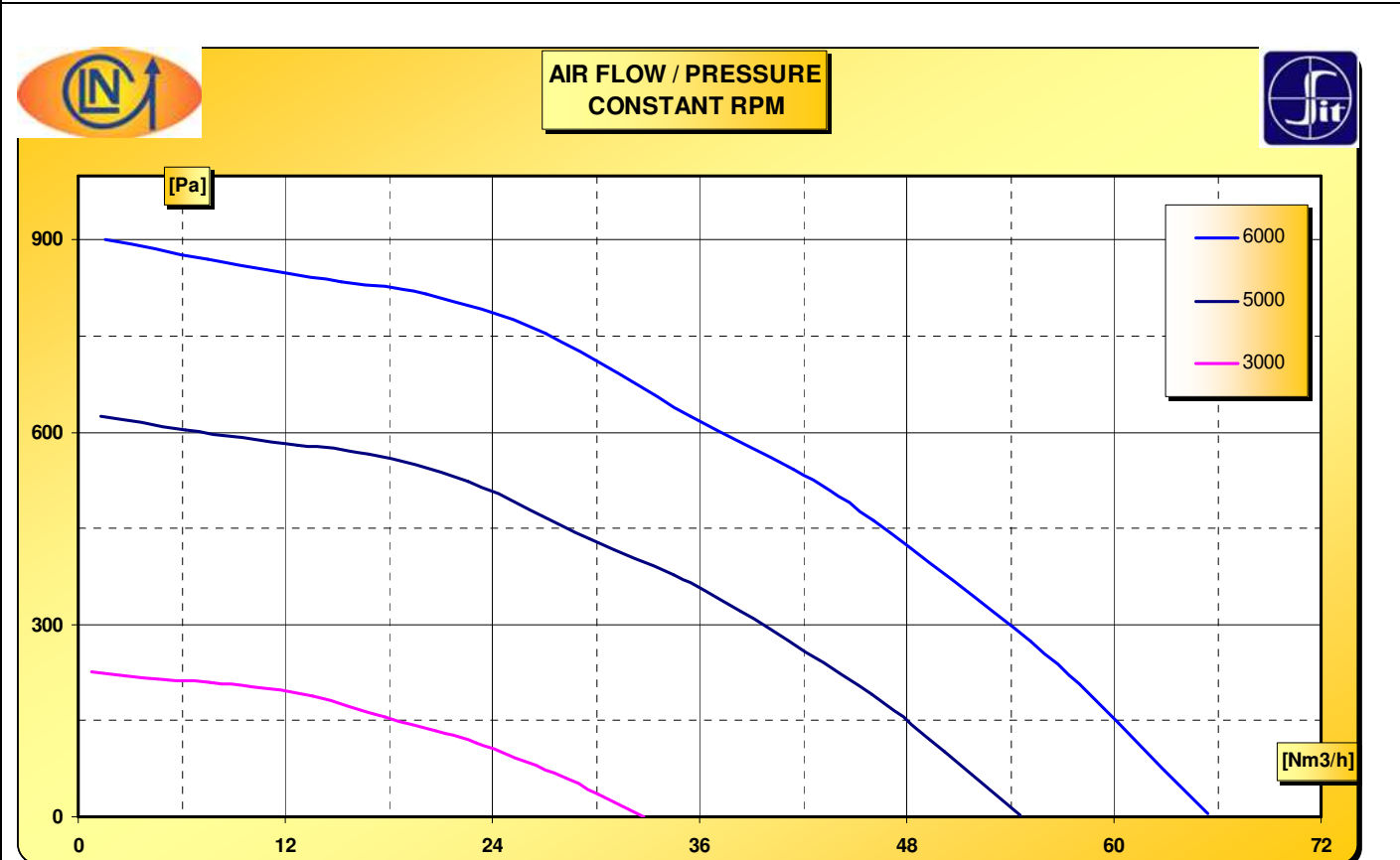
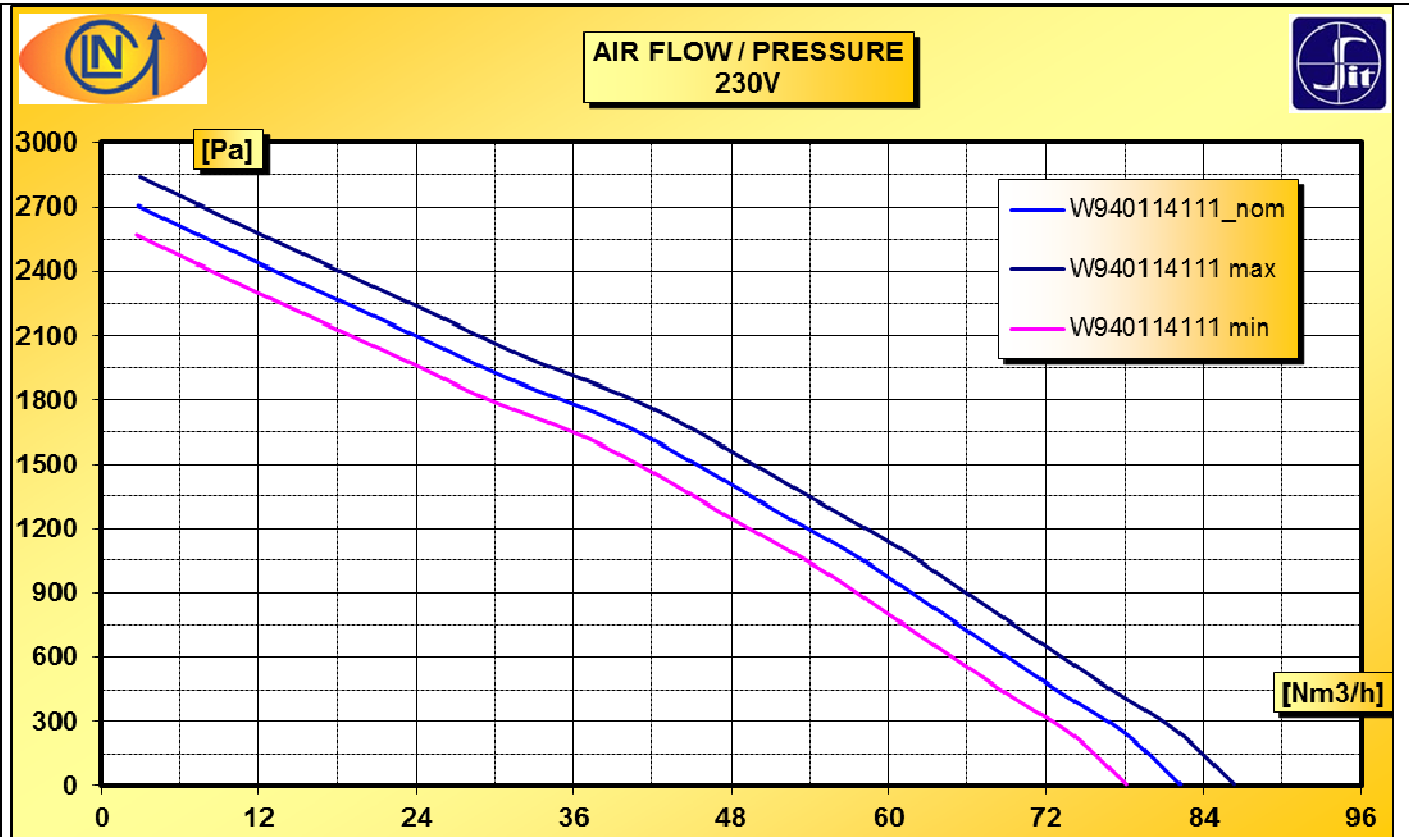
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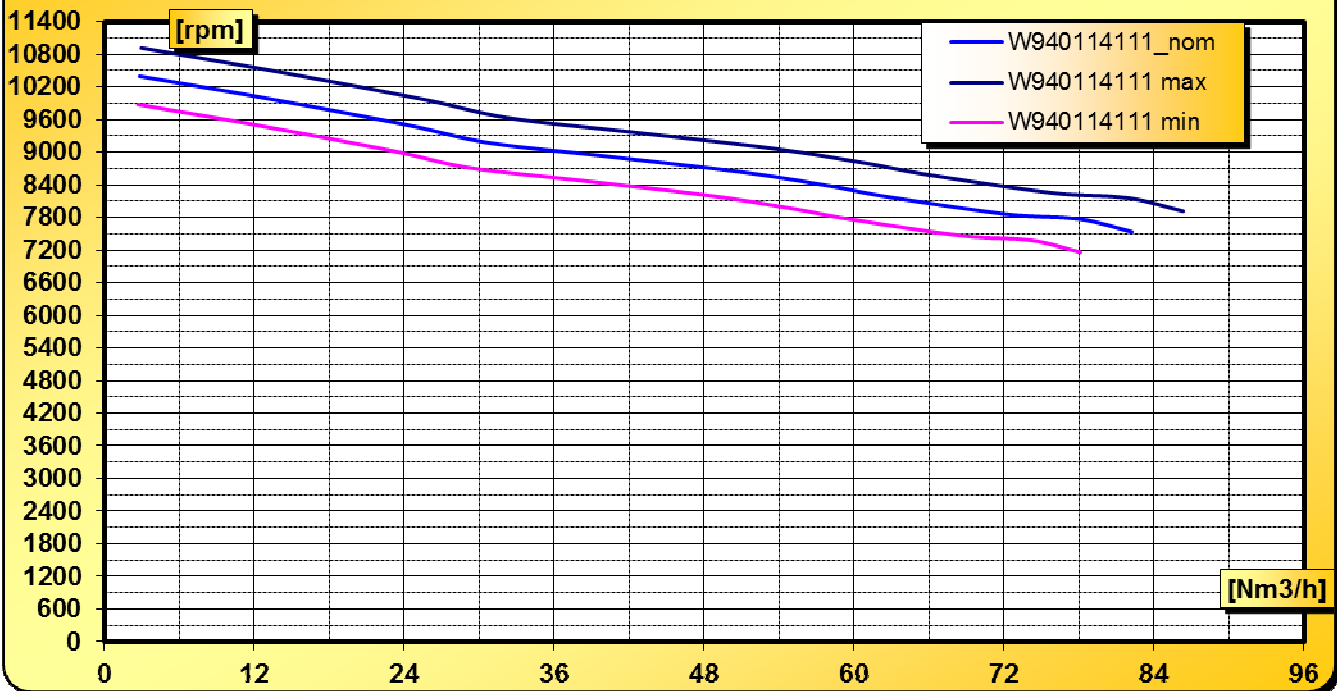
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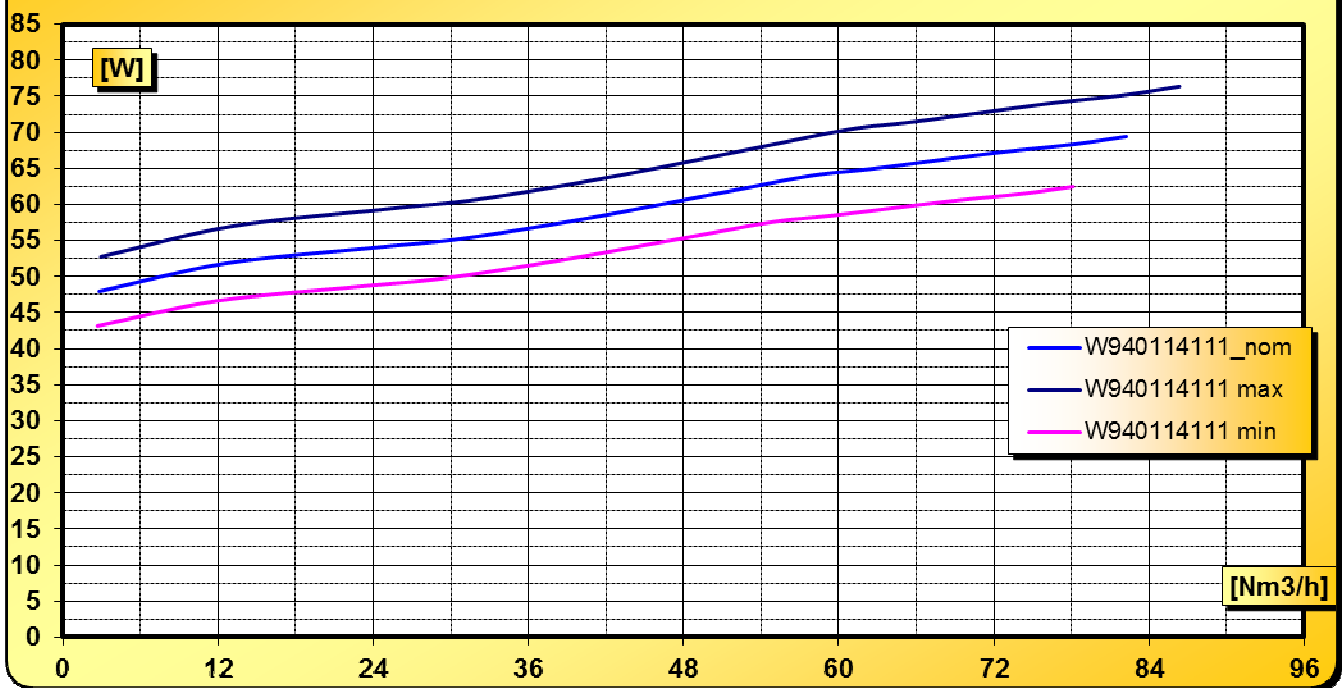




AIR FLOW / FAN SPEED 230V



AIR FLOW / POWER CONSUMPTION 230V



* Le curve riportate nei grafici sono ottenute in open loop