

# Centrifugal fan Type FG 801 N4A LG 270



**PRODUCT NO.: 24571**

**Location:** 6C

**Condition:** Unused

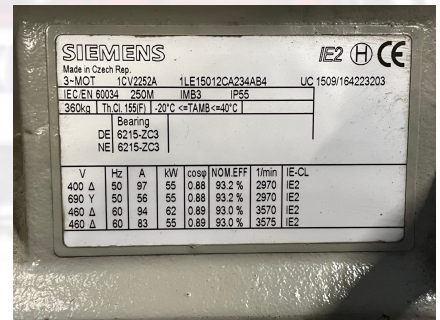
**Length:** 1200 mm

**Width:** 1200 mm

**Height:** 1420 mm

**Weight:** 621 kg

## Gallery





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Customer -  
Contact - Item 2  
Project Unlited Project Reference FG 801 N  
Quantity 1

**Direct Driven Centrifugal Fan with Inverter**

	Technical Features
Temperature	15°C
Altitude	0 m
Density	1,226 kg/m <sup>3</sup>
Capacity	10,000 m <sup>3</sup> /h
Pressure	11,300 Pa Static Discharge
Fan Model	FG 801 N
Capacity	10,000 m <sup>3</sup> /h (100%)
Static pressure	11,300 Pa @ 1,226 kg/m <sup>3</sup>
Dynamic pressure	950 Pa @ 1,226 kg/m <sup>3</sup>
Total pressure	12,450 Pa @ 1,226 kg/m <sup>3</sup>
Total pressure	12,450 Pa @ 1,226 kg/m <sup>3</sup>
Velocity	36,37 m/h
Inverter speed	3653 rpm
Absorbed power	40,2 kW @ 1,226 kg/m <sup>3</sup>
Absorbed power	40,2 kW @ 1,226 kg/m <sup>3</sup>
Service Factor	37 %
Power installed	55 kW (D250M 2 pole)
Total Efficiency	86 %
Static Efficiency	79 %
Arrangement	4
Class	-
Maximum speed	3350 rpm
Moment of inertia	33 (I) kgm <sup>2</sup>
Weight	305 kg
Axial thrust	873 N
Discharge thrust	946 N
Starting time	3,0 s
Sound power level	108 dB Ambient (Density=1,226 kg/m <sup>3</sup> )
Sound pressure level	90 dBA Ambient (Density=1,226 kg/m <sup>3</sup> , Distance=1m)
Sound pressure level	90 dBA Ambient (Density=1,226 kg/m <sup>3</sup> , Distance=3m)
Frequency	63 125 250 500 1k 2k 4k 8k Hz
Sound power in-duct	94 97 98 101 100 98 94 89 dB inlet
Sound power in-duct	97 100 101 104 105 101 97 92 dB outlet

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