



F.lli Ferrari Ventilatori Industriali S.p.A.
 via Marchetti 28
 Arzignano 36071 (VI) ITALY

Date 24/03/2015
 Offer No. -
 Customer -
 Contact -
 Project Untitled Project

Telephone +39 0444 471100
 Fax +39 0444 471105
 E-Mail sales@ferrariventilatori.com
 Web http://www.ferrariventilatori.eu/
 Item 2
 Reference FG 801 N
 Quantity 1

Direct Driven Centrifugal Fan with Inverter

Temperature 15°C
 Altitude 0 m
 Density 1,226 kg/m³
 Capacity 10.000 m³/h
 Pressure 11.500 Pa Static Discharge

Technical Features

SP4 x1

Fan Model FG 801 N
 Capacity 10.000 m³/h (100%)
 Static pressure 11.500 Pa @ 1,226 kg/m³
 Dynamic pressure 950 Pa @ 1,226 kg/m³
 Total pressure 12.450 Pa @ 1,226 kg/m³
 Total pressure 12.450 Pa @ 1,226 kg/m³
 Velocity 39,37 m/s
 Impeller speed 3053 rpm
 Absorbed power 40,2 kW @ 1,226 kg/m³
 Absorbed power 40,2 kW @ 1,226 kg/m³
 Service Factor 37 %
 Power installed 55 kW (D250M 2 pole)
 Total Efficiency 86 %
 Static Efficiency 79 %
 Arrangement 4
 Class -
 Maximum speed 3150 rpm
 Moment of inertia 3,5 (J) kgm²
 Weight 305 kg
 Axial thrust 873 N
 Discharge thrust 946 N
 Starting time 3,8 s

Sound power level 108 dB Ambient (Density=1,226 kg/m³)
 Sound pressure level 92 dB Ambient (Density=1,226 kg/m³ - Distance=1m)
 Sound pressure level 90 dBA Ambient (Density=1,226 kg/m³ - Distance=1m)
 Frequency 63 125 250 500 1k 2k 4k 8k Hz
 Sound power in-duct 94 97 98 101 102 98 94 89 dB inlet
 Sound power in-duct 97 100 101 104 105 101 97 92 dB outlet

F.lli Ferrari reserve the right to modify, integrate, withdraw or suspend without notice and at any time the technical and commercial proposals made by this software and gives the user no rights to claims of any sort.

24/03/2015 10:54:01

V:3.1.17.0 D: T - 27 : C - 63

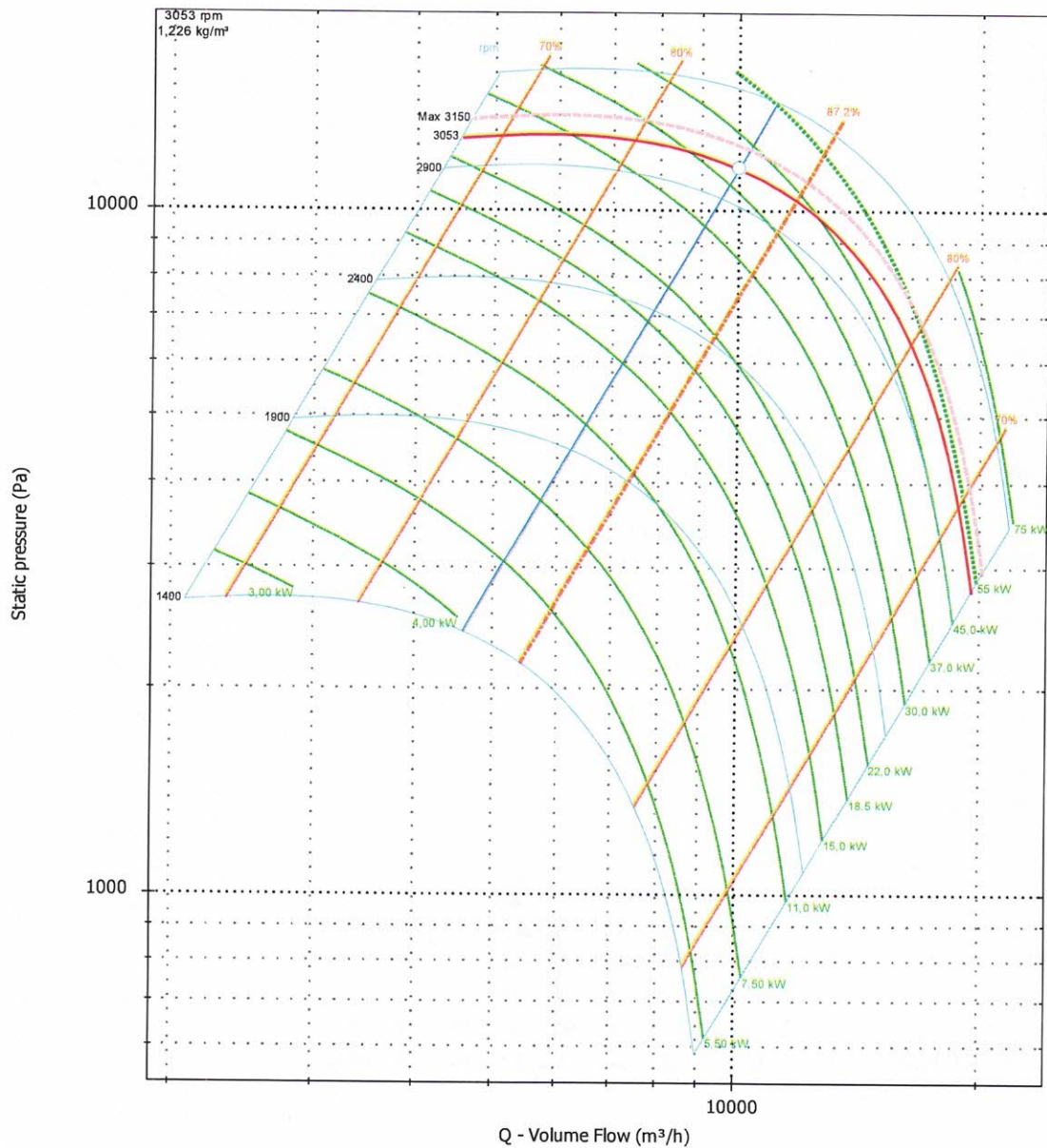


F.lli Ferrari Ventilatori Industriali S.p.A.
 via Marchetti 28
 Arzignano 36071 (VI) ITALY

Date 24/03/2015
 Offer No. -
 Customer -
 Contact -
 Project Untitled Project

Telephone +39 0444 471100
 Fax +39 0444 471105
 E-Mail sales@ferrariventilatori.com
 Web http://www.ferrariventilatori.eu/
 Item 2
 Reference FG 801 N
 Quantity 1

FG 801 N - Direct Driven Centrifugal Fan with Inverter



F.lli Ferrari reserve the right to modify, integrate, withdraw or suspend without notice and at any time the technical and commercial proposals made by this software and gives the user no rights to claims of any sort.

24/03/2015 10:54:07

V:3.1.17.0 D: T - 27 : C - 63