



TDC Series

DIRECT DRIVE VANE AXIAL FAN



Feature

For commercial and industrial application where large volume of air is required at moderate to high pressure.

Specially designed integral straightening vanes reduce turbulence and provide high efficiency and low sound level.

Construction

Double flanged casing is produced in mild steel or galvanized steel. The impeller blades are made of Aluminum Alloy.

Finish

Painting or galvanized finishing are available for all parts.

Operating Temperature

-20°C to +55°C

Motors

Totally Enclosed Class 'F' or 'H', with a min. IP55 protection are fitted as standard. Motors 3.0kW and above are star/delta starting. Motor of other specification are available upon request.

Airflow Direction

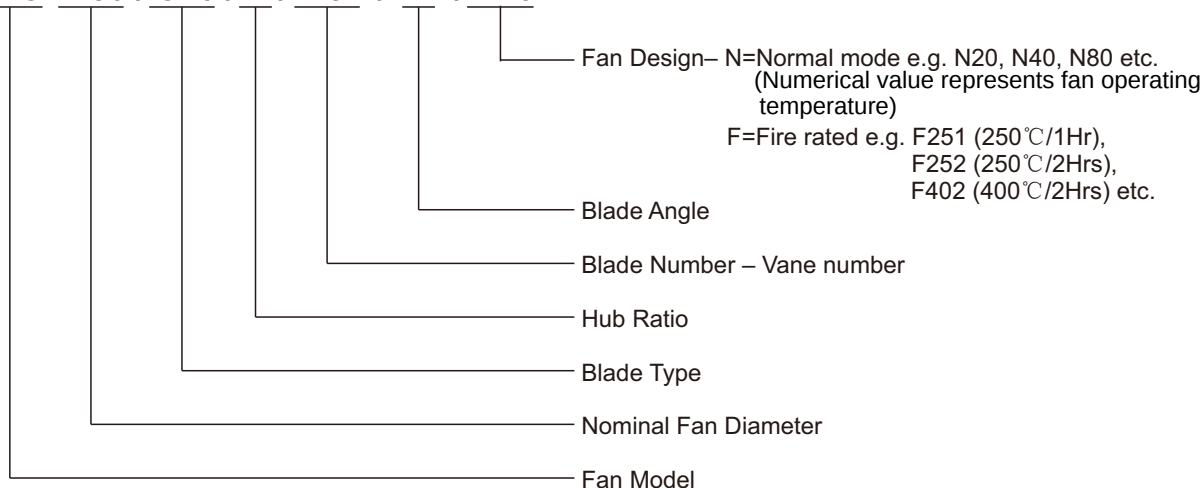
Air flow from impeller to motor is standard. Air flow from motor to impeller can be supplied upon request.



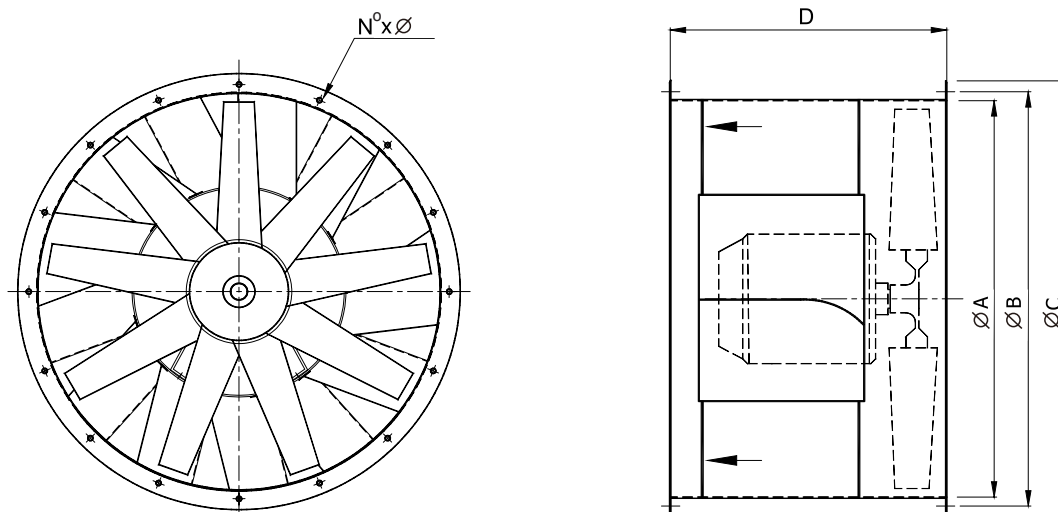
Kruger Ventilation Industries Asia Co., Ltd certifies that the **TDC series** shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Nomenclature

TDC 1250 / C20 / D / 4-9V / 12° / N20



Dimension



MODEL	A	B	C	D	N°	Ø	Weight* (kg)	Max. Motor Frame Size**
1250	1250	1315	1380	1000	24	12	283	D250M
1400	1400	1465	1530	1100	32	14	340	D250M
1600	1600	1663	1730	1250	32	14	491	D250M
1800	1800	1856	1930	1400	32	14	650	D280M
2000	2000	2073	2130	1400	32	14	720	D315M

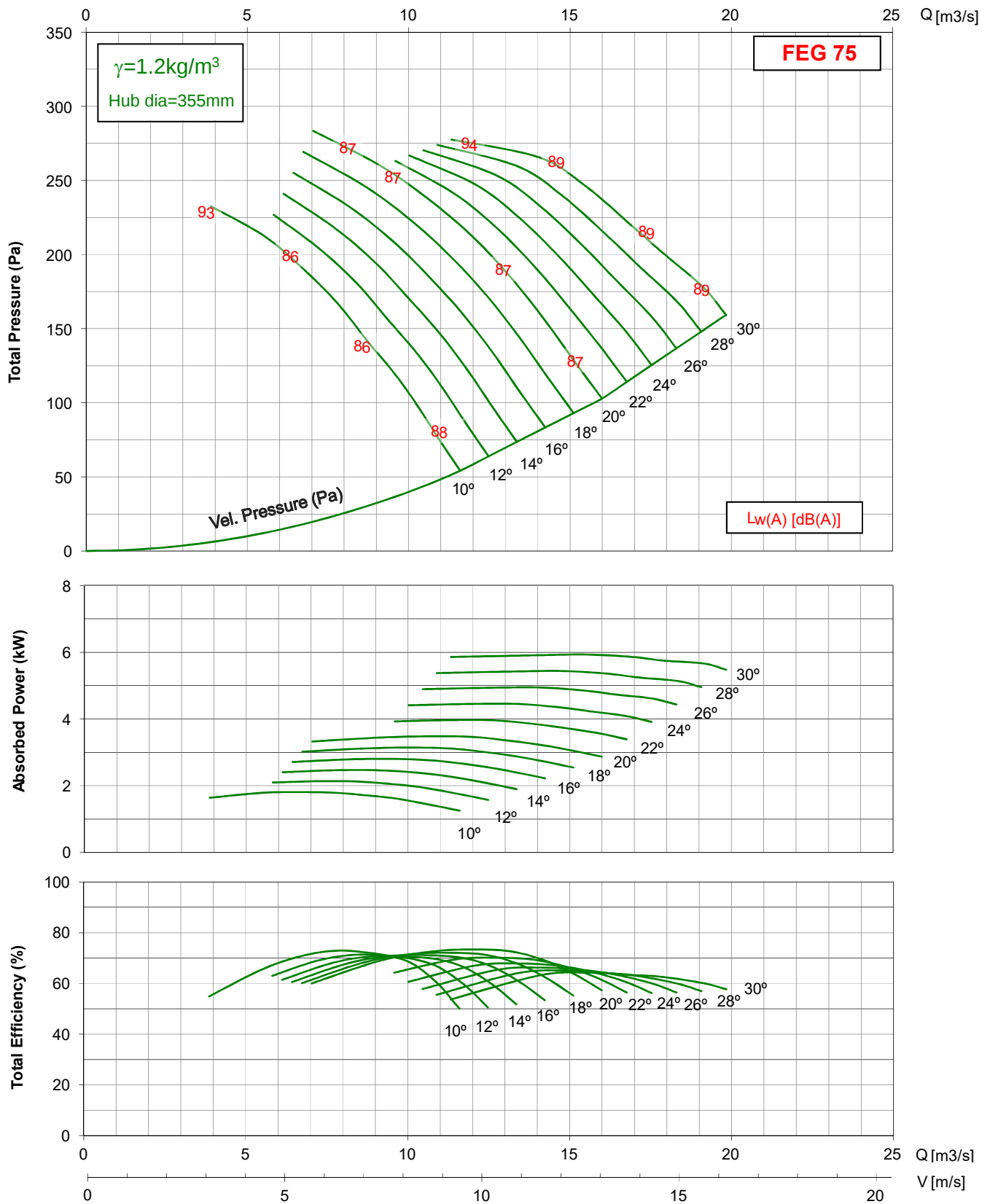
* Weight without motor and impeller.

** Please consult KRUGER if motor frame size is beyond the catalogue range.

All Dimension in mm.

TDC 1250 / C20 / D / 4-9V

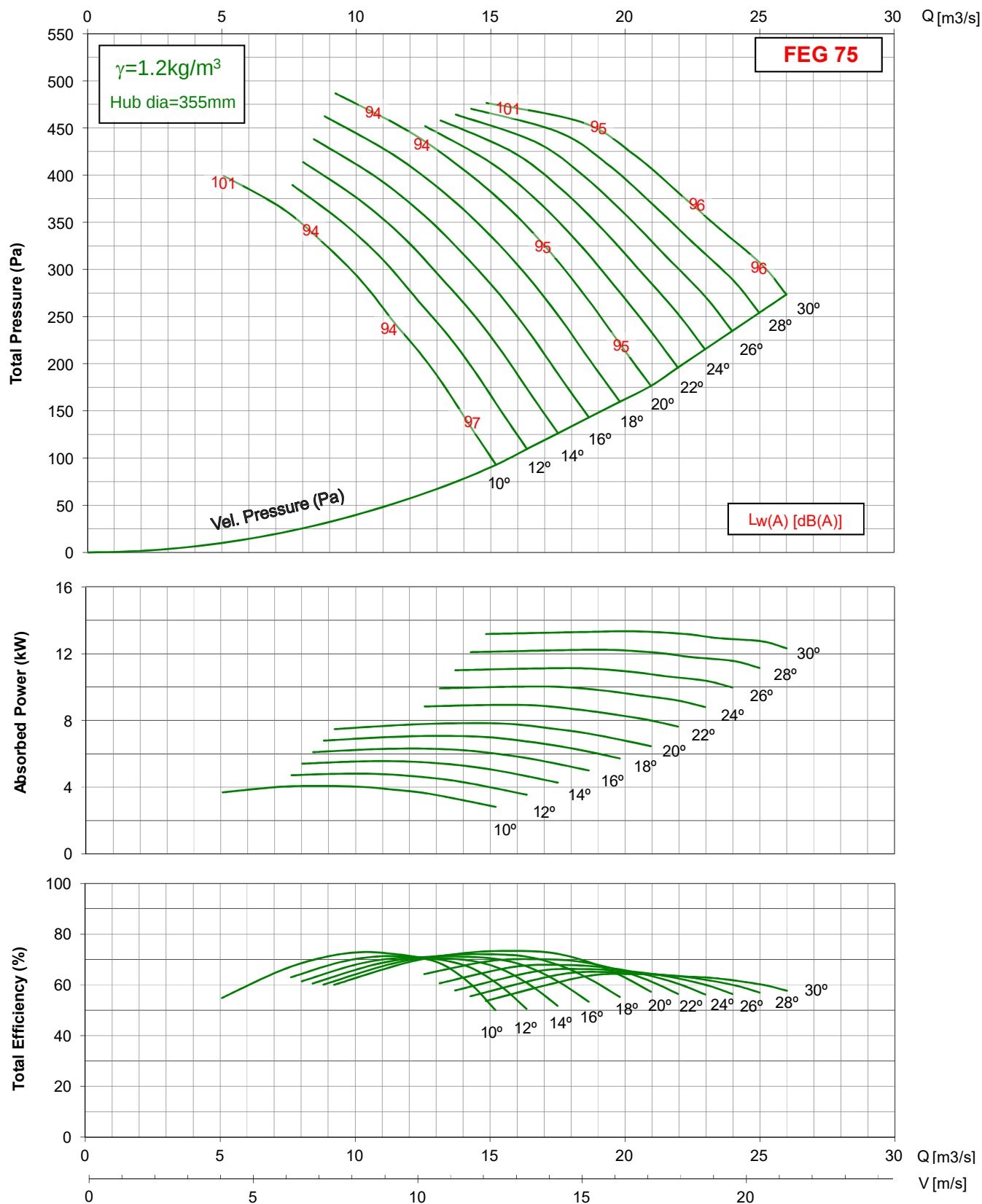
725 rpm - 50 Hz



- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
 - The A-weighted sound ratings shown here have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for Installation Type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

TDC 1250 / C20 / D / 4-9V

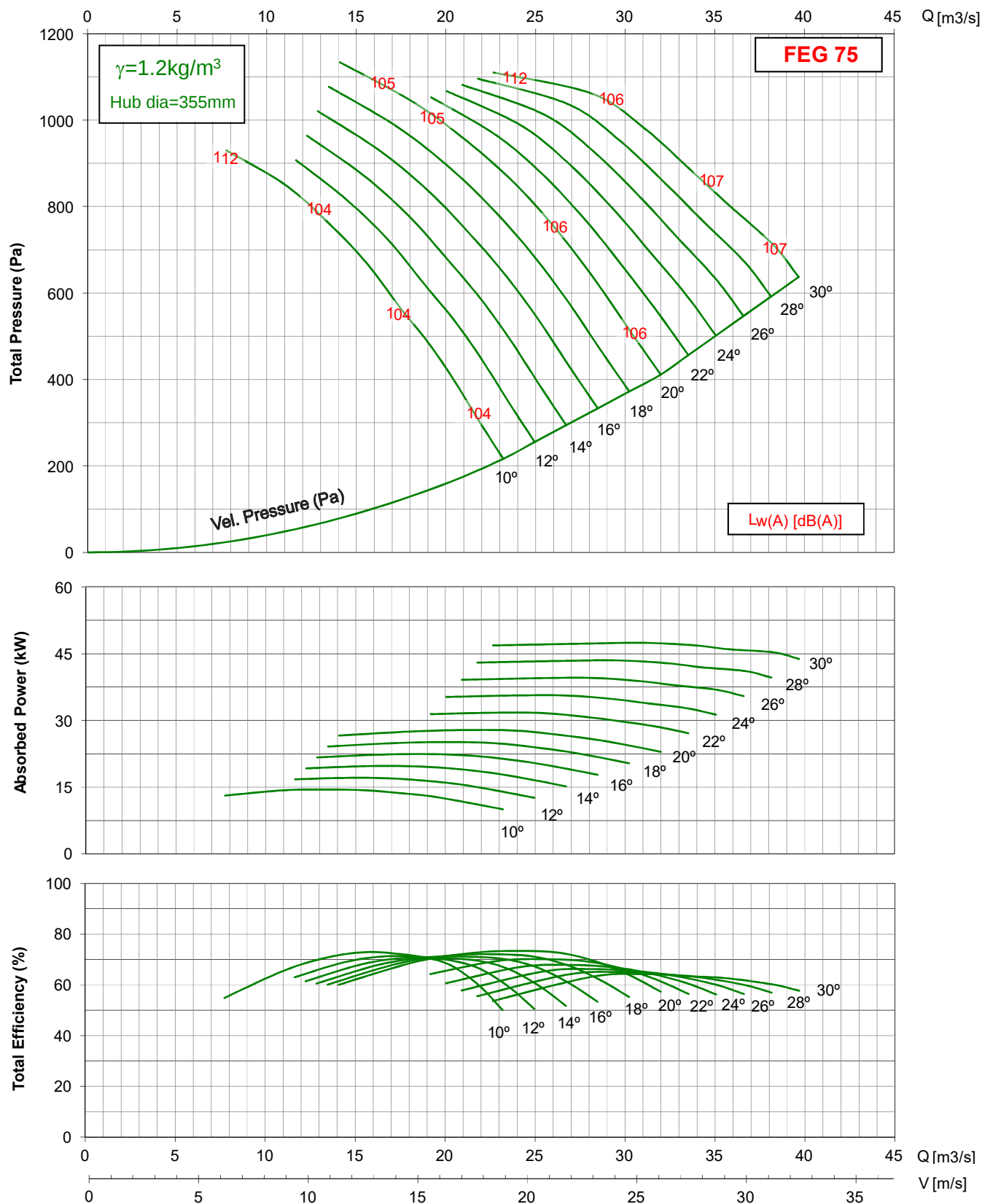
950 rpm - 50 Hz



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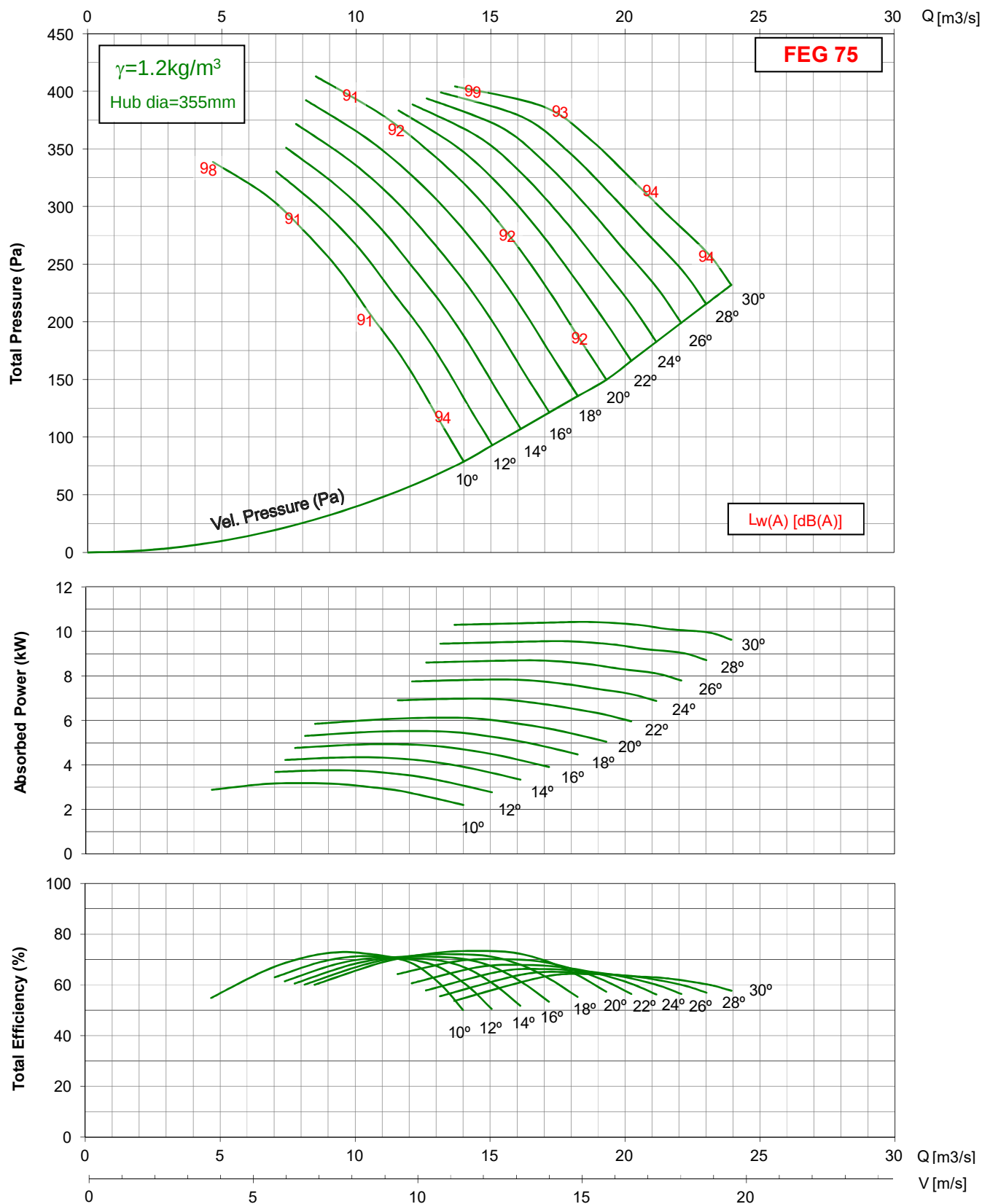
1450 rpm - 50 Hz



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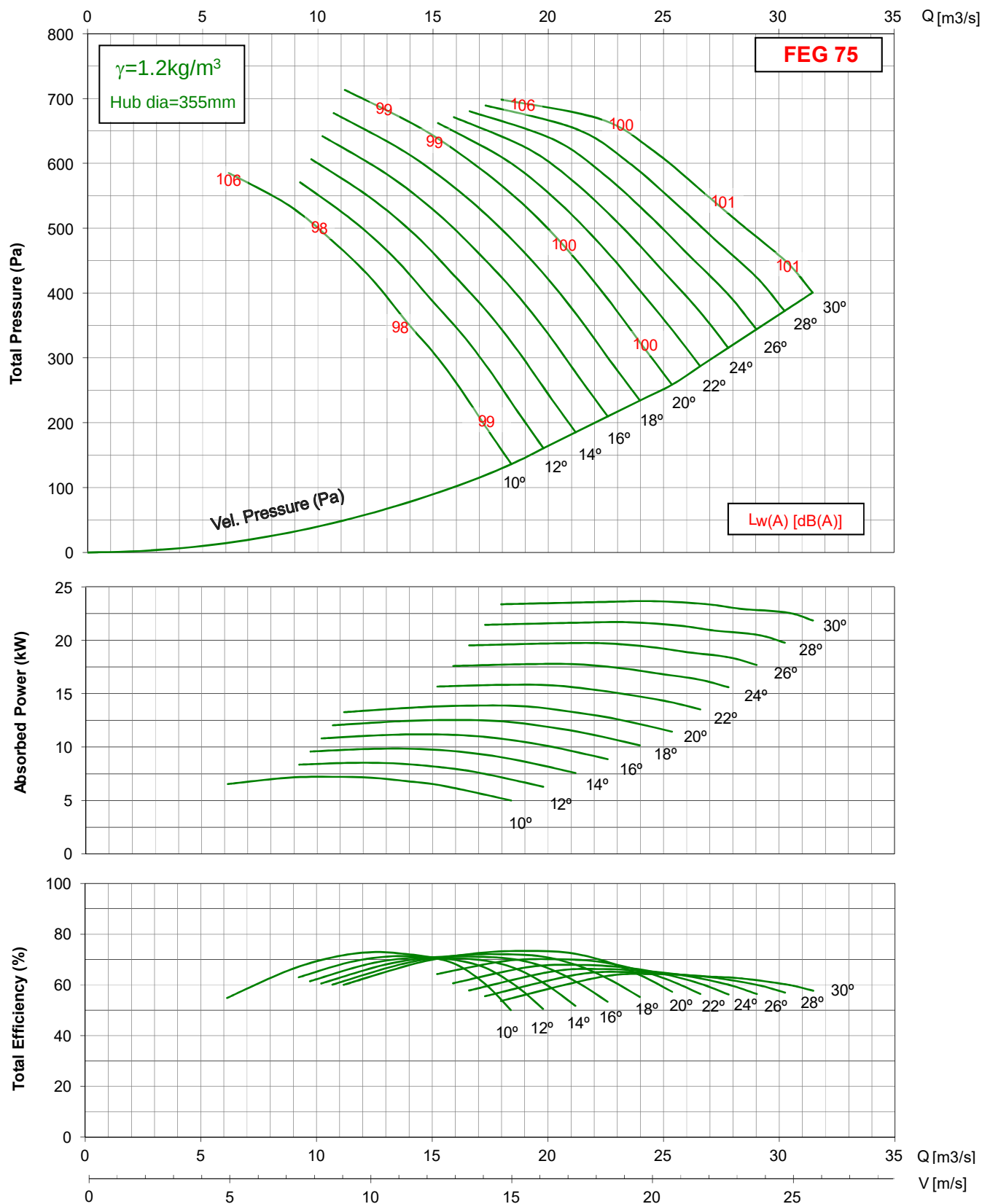
875 rpm - 60 Hz



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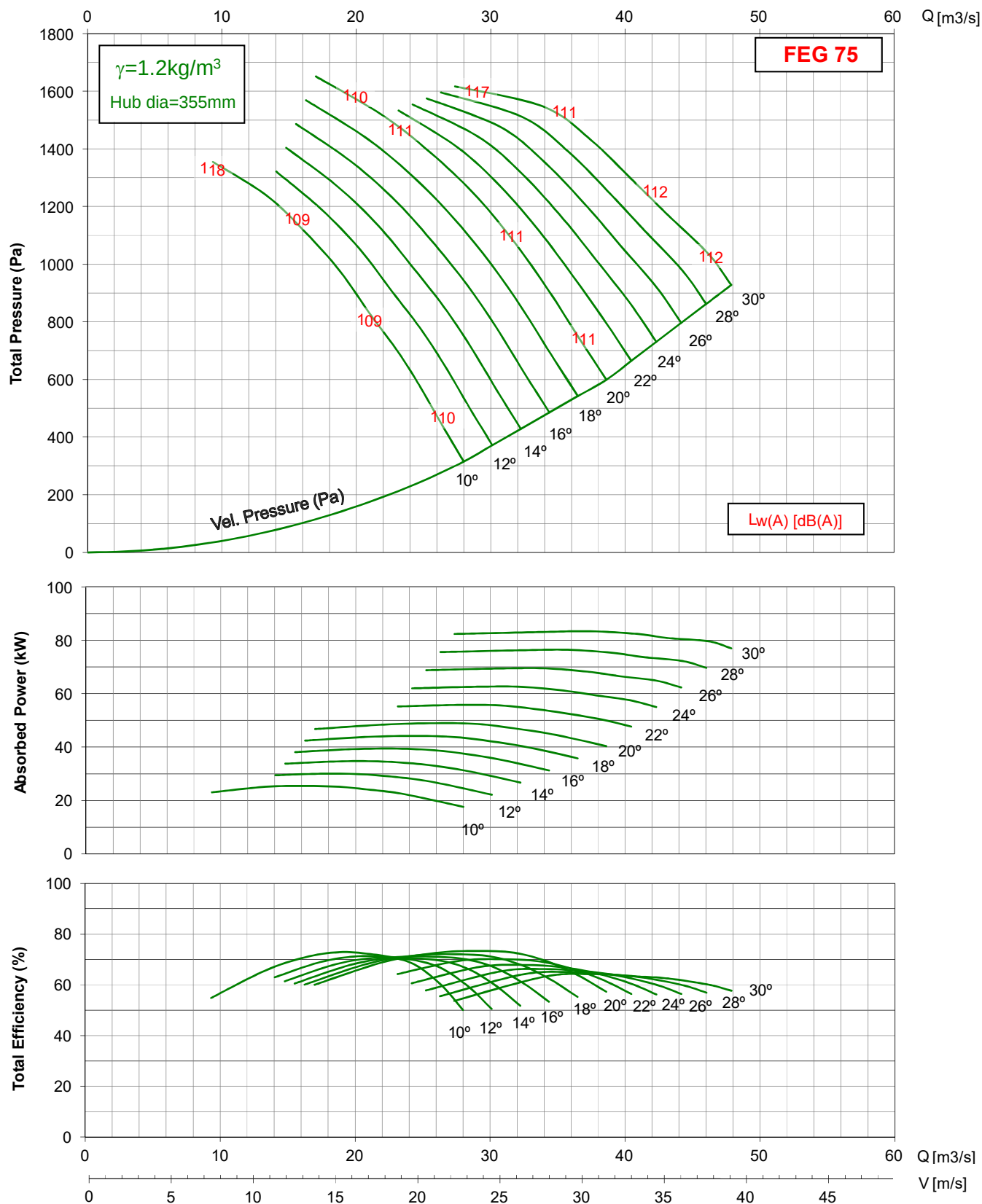
1150 rpm - 60 Hz



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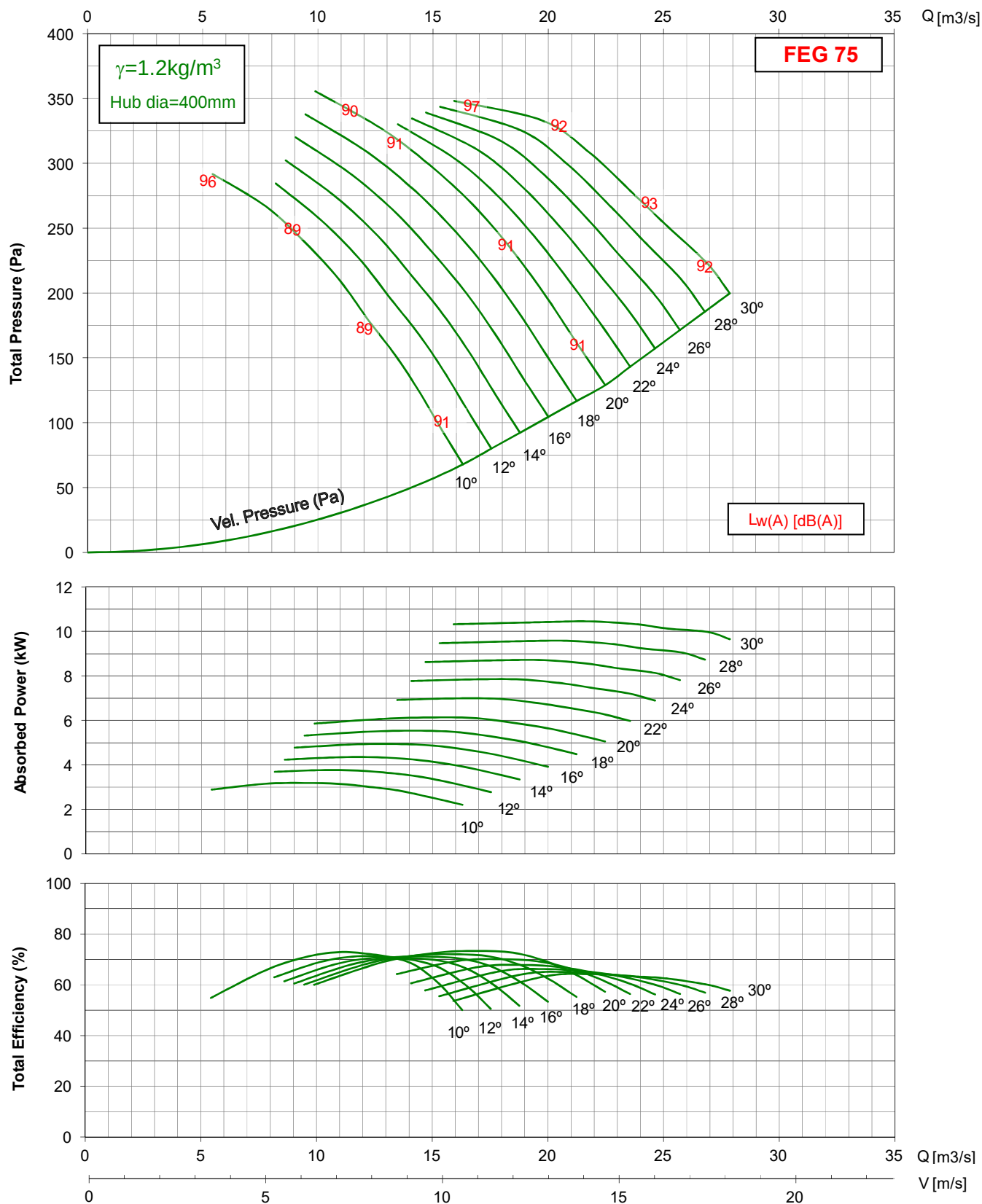
1750 rpm - 60 Hz



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TDC 1400 / C22 / D / 4-9V

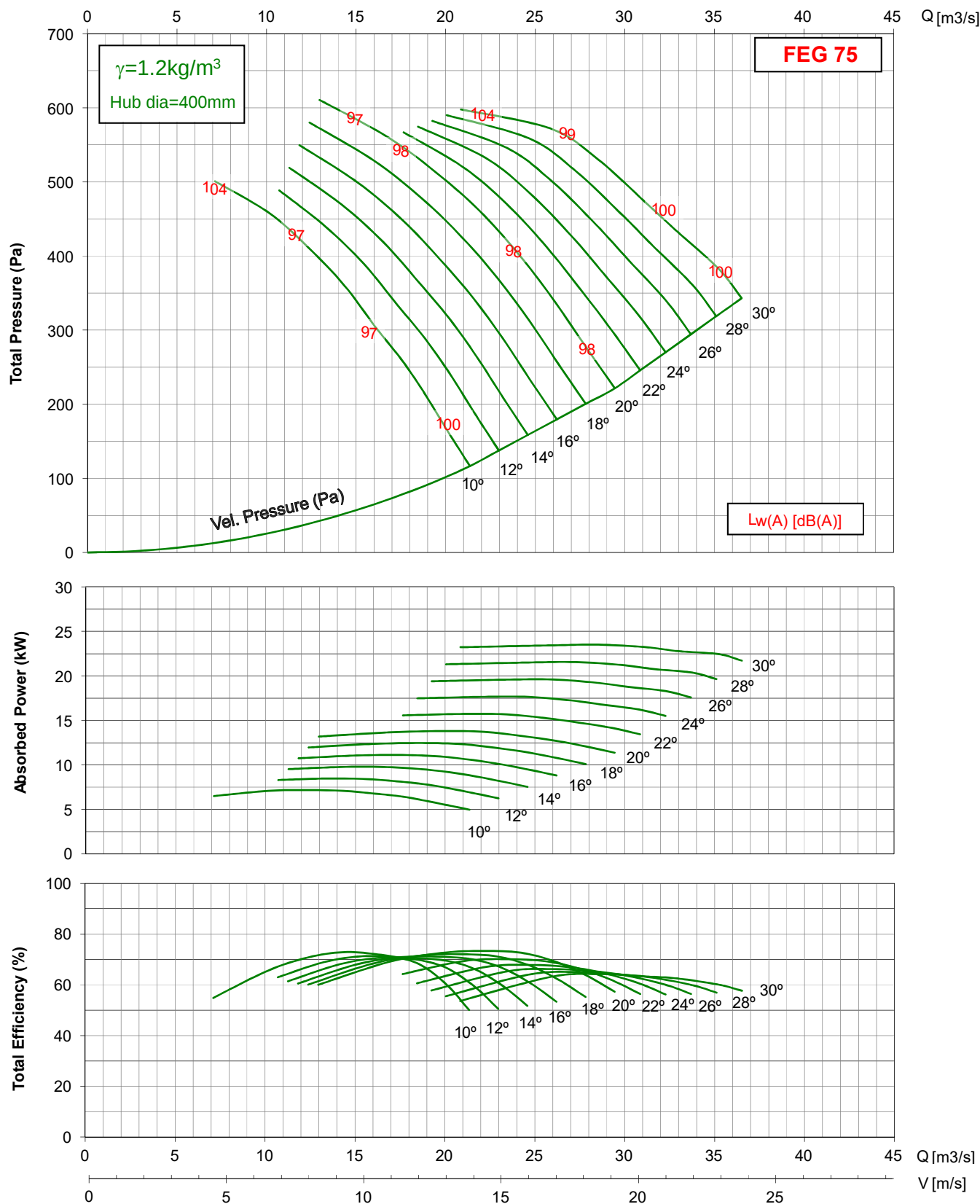
725 rpm - 50 Hz



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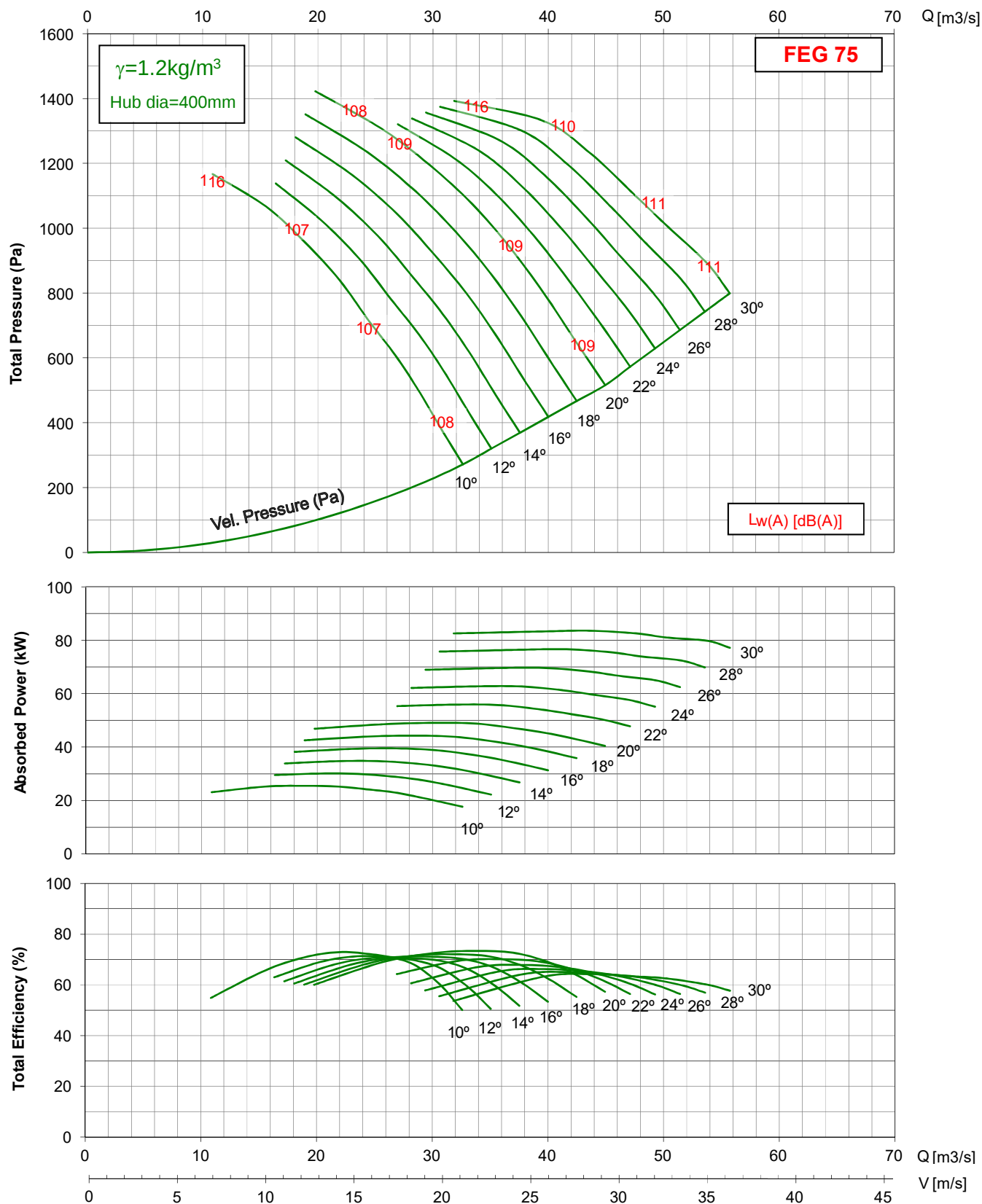
950 rpm - 50 Hz



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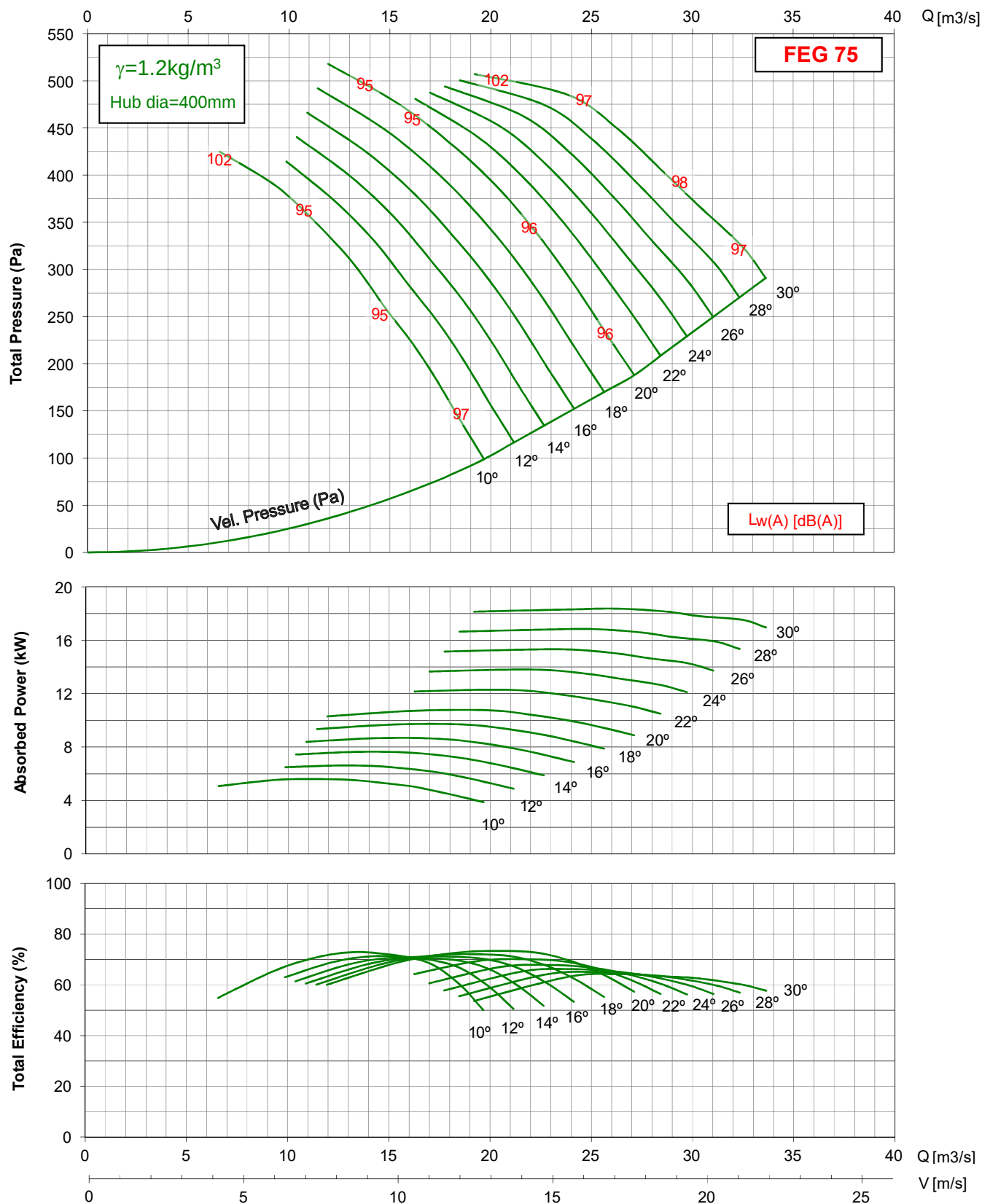
1450 rpm - 50 Hz



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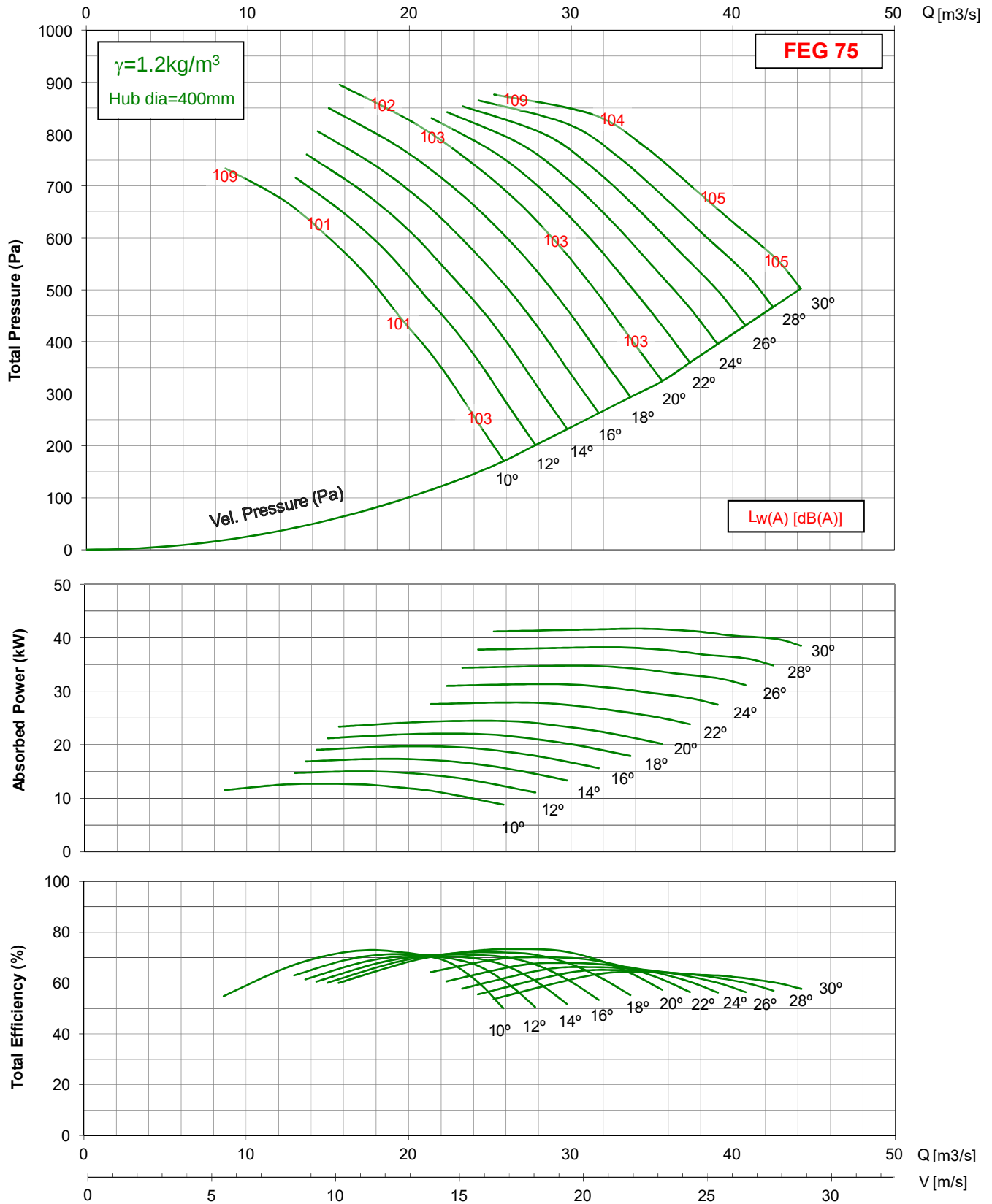
875 rpm - 60 Hz



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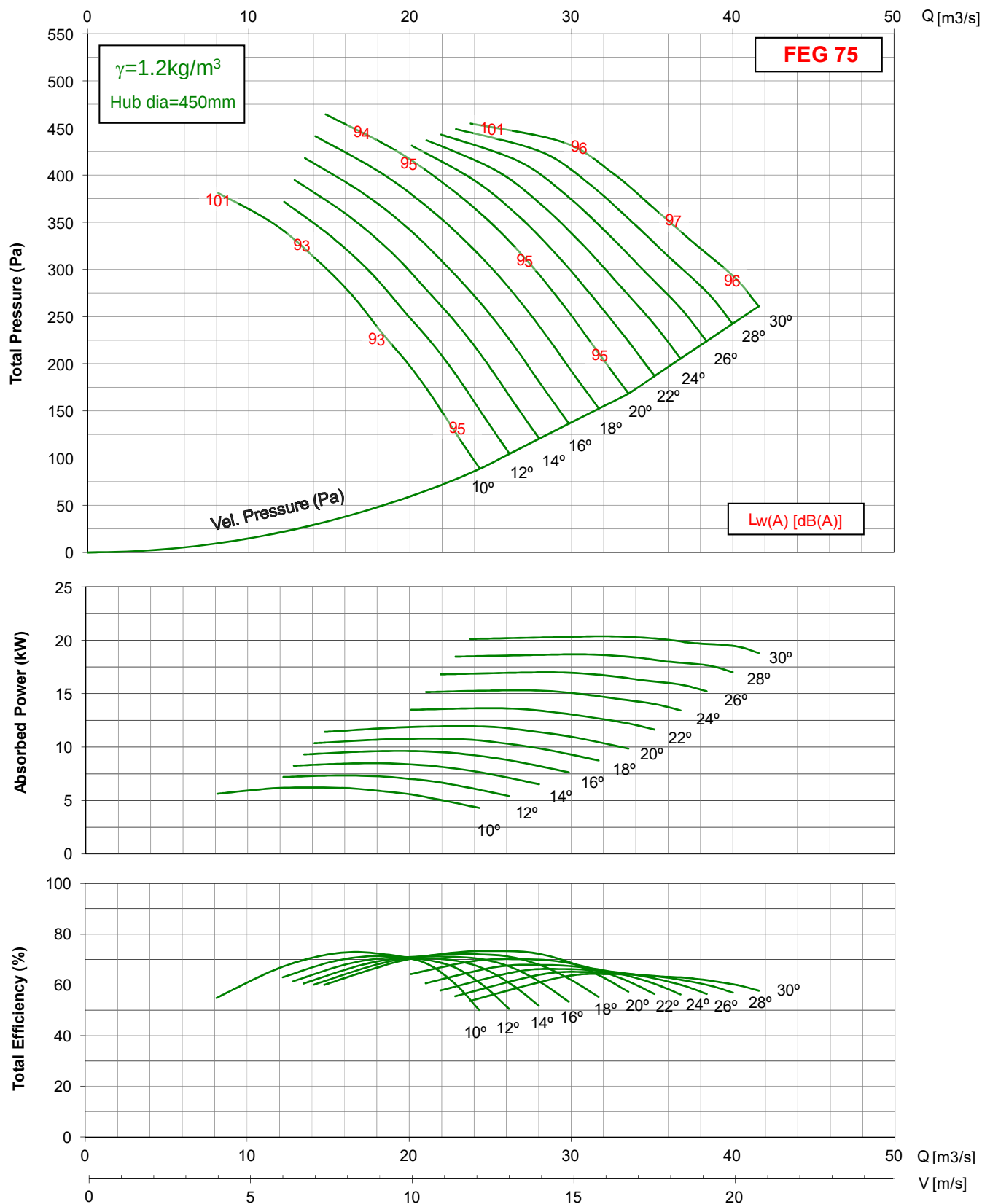
1150 rpm - 60 Hz



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TDC 1600 / C25 / D / 4-9V

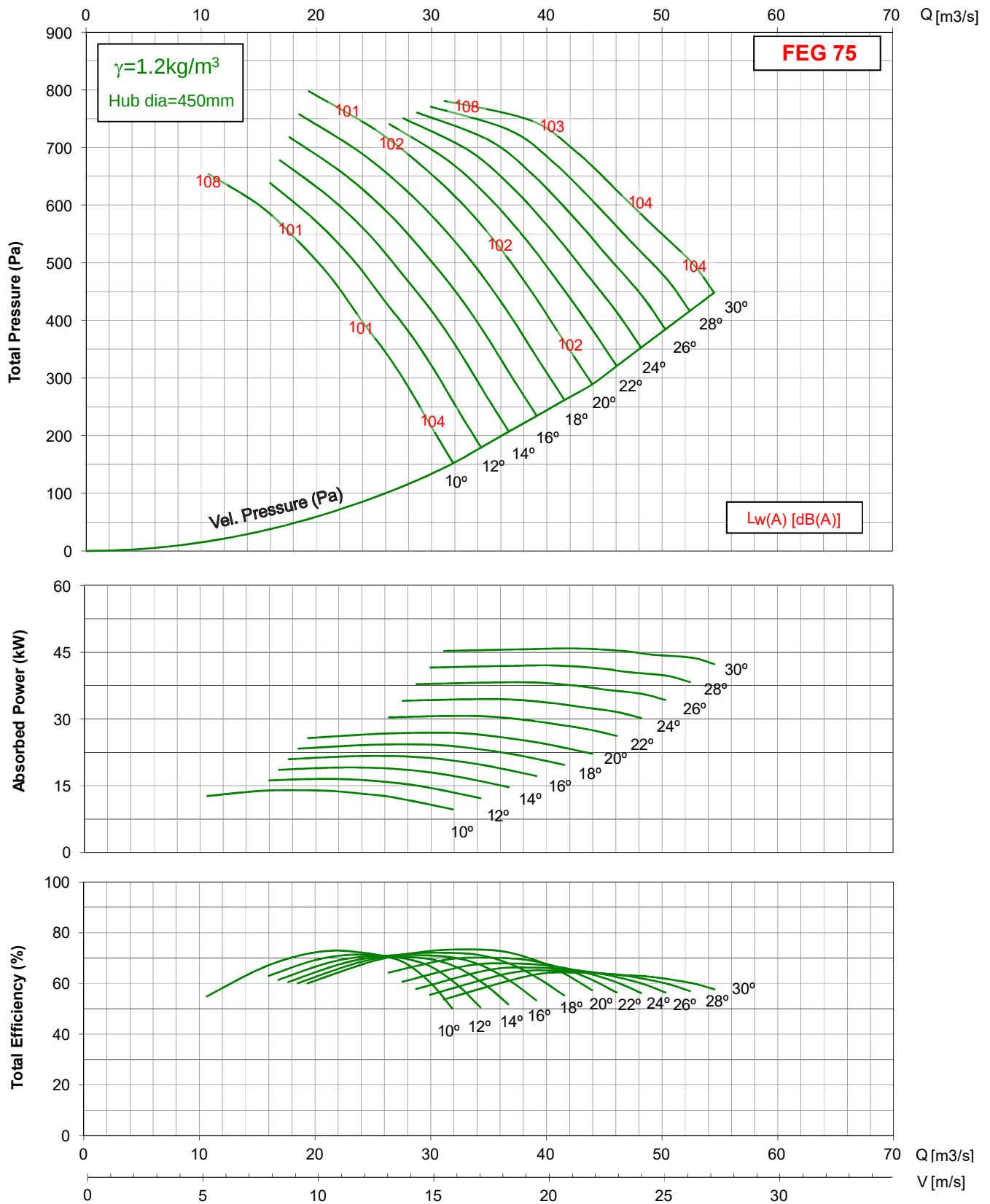
725 rpm - 50 Hz



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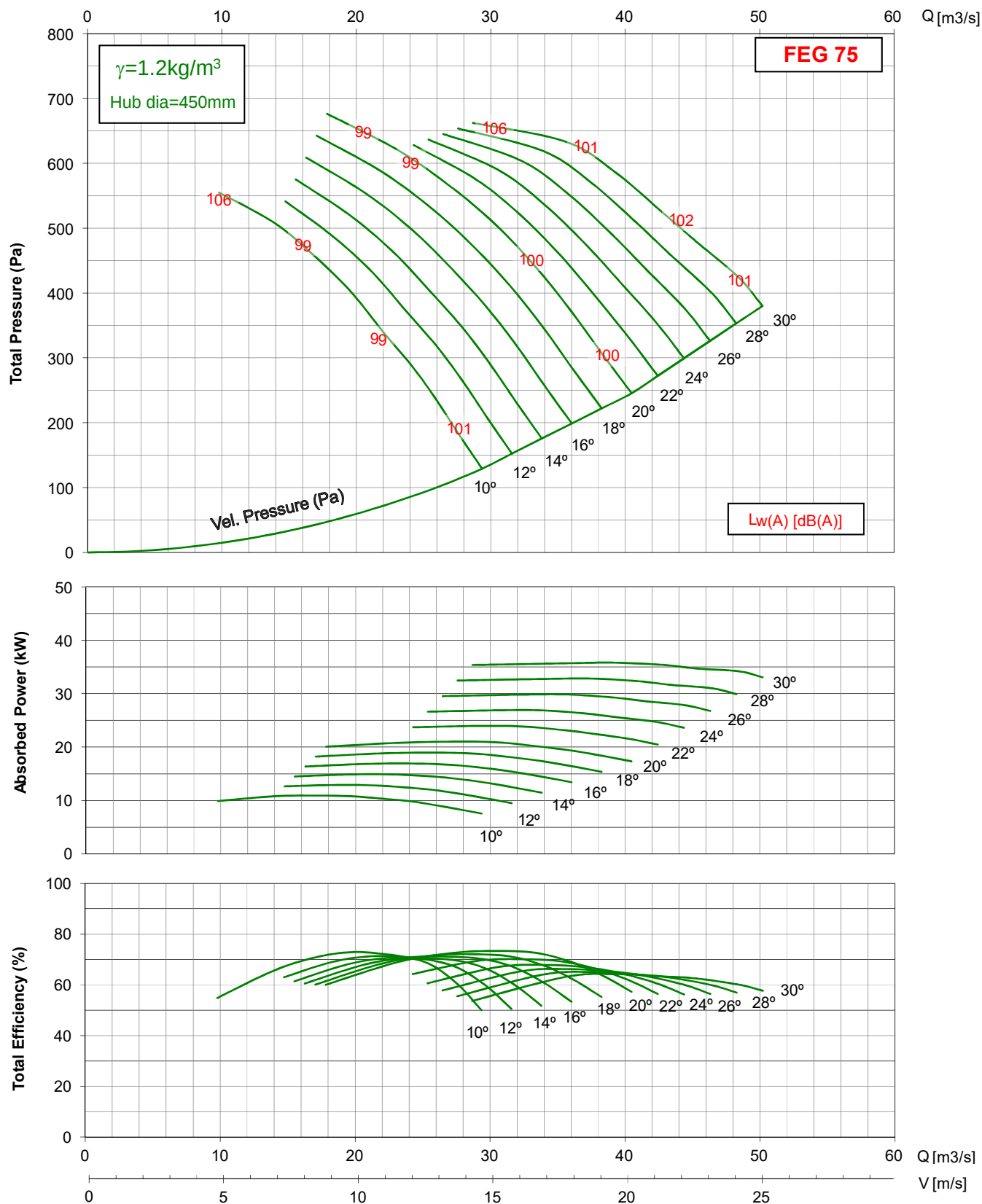
950 rpm - 50 Hz



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TDC 1600 / C25 / D / 4-9V

875 rpm - 60 Hz

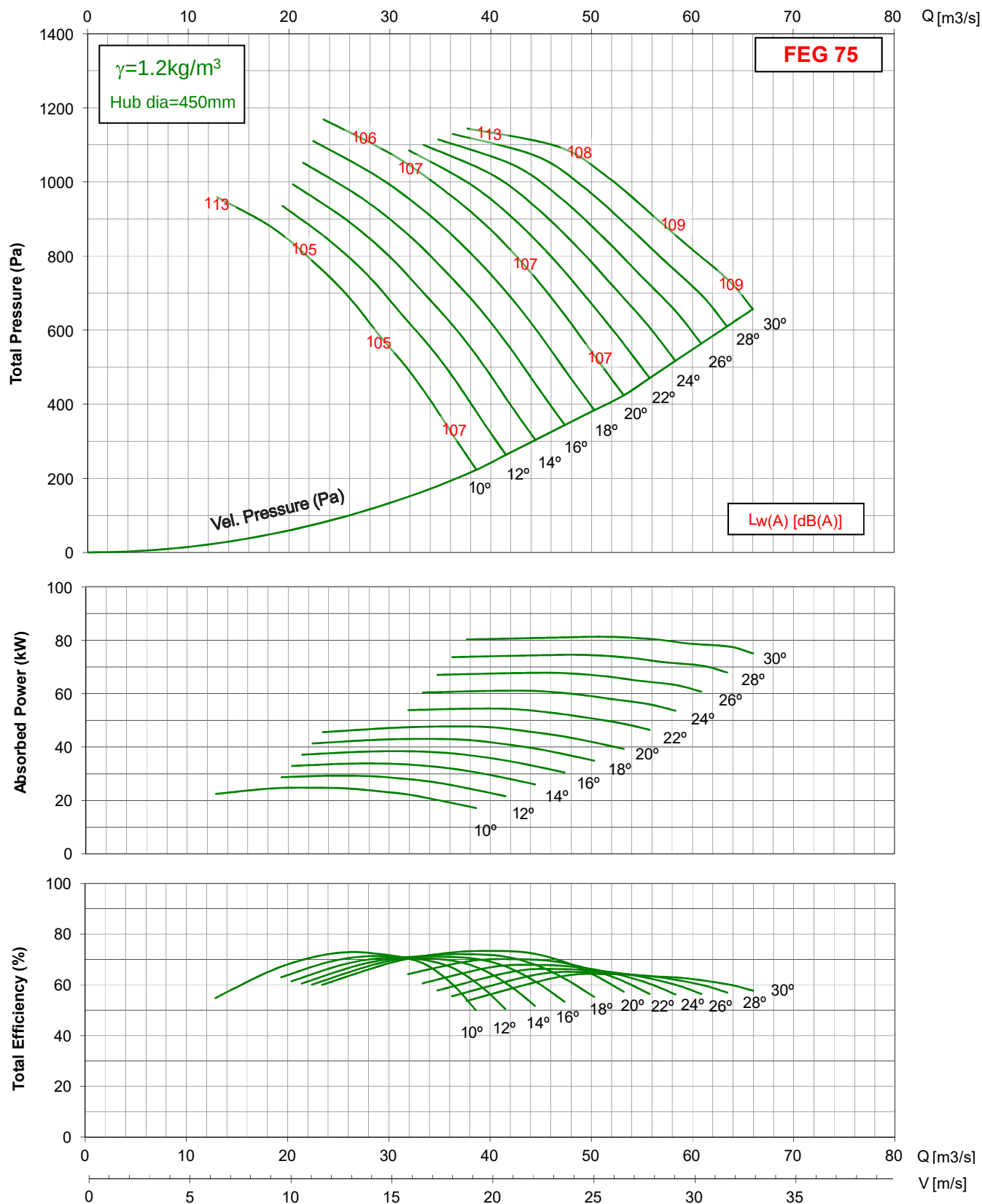


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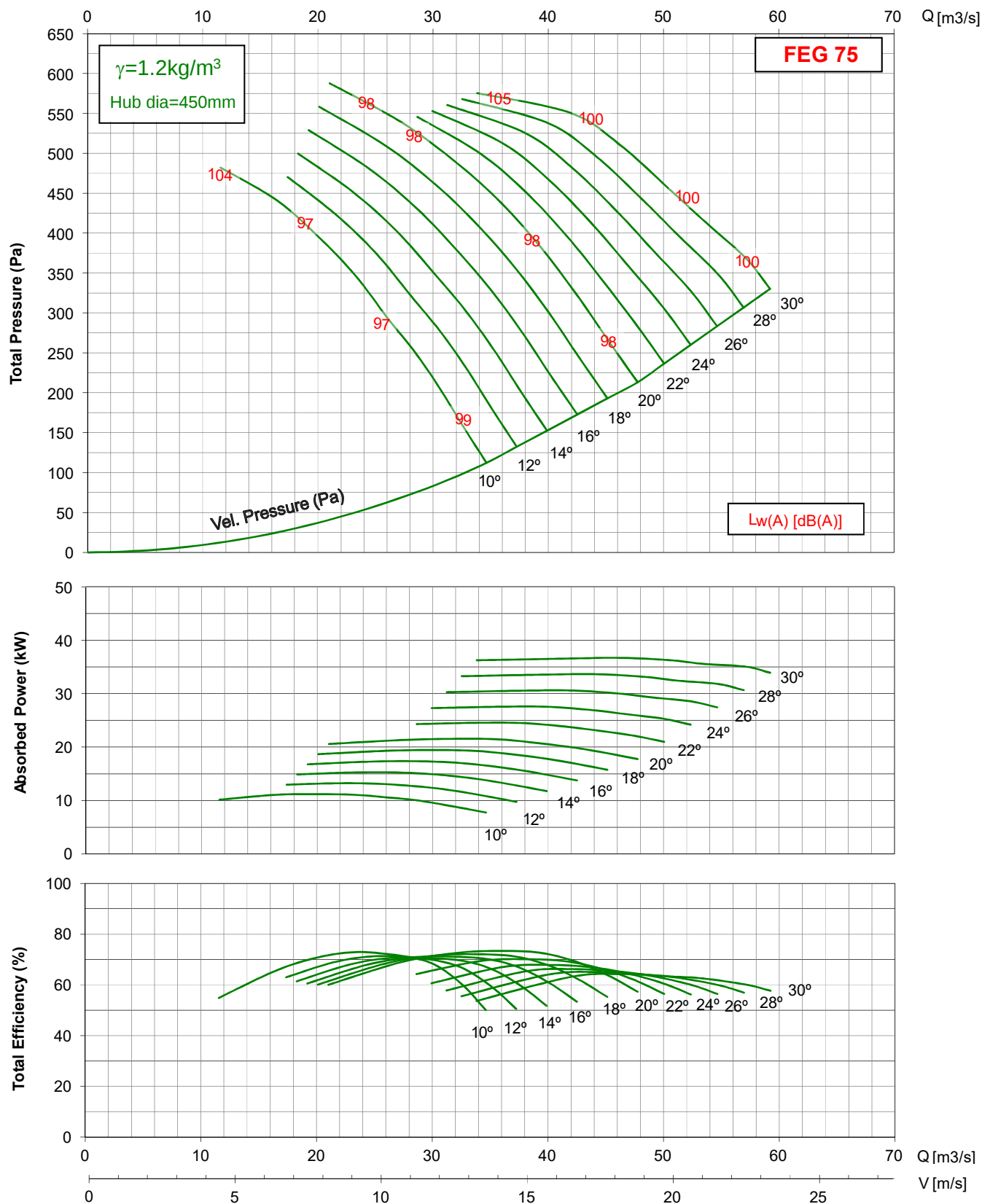
1150 rpm - 60 Hz



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TDC 1800 / C28 / D / 4-9V

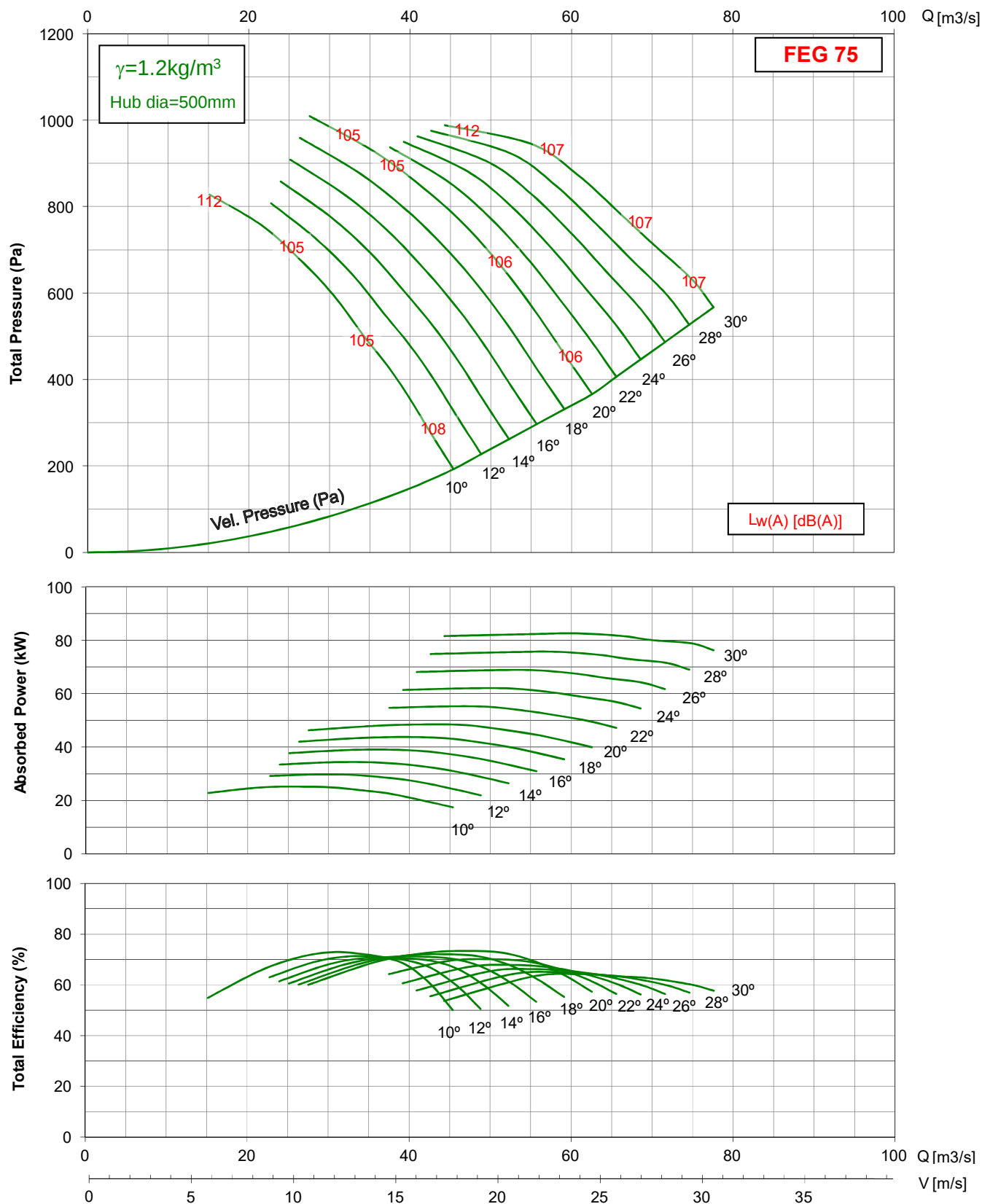
725 rpm - 50 Hz



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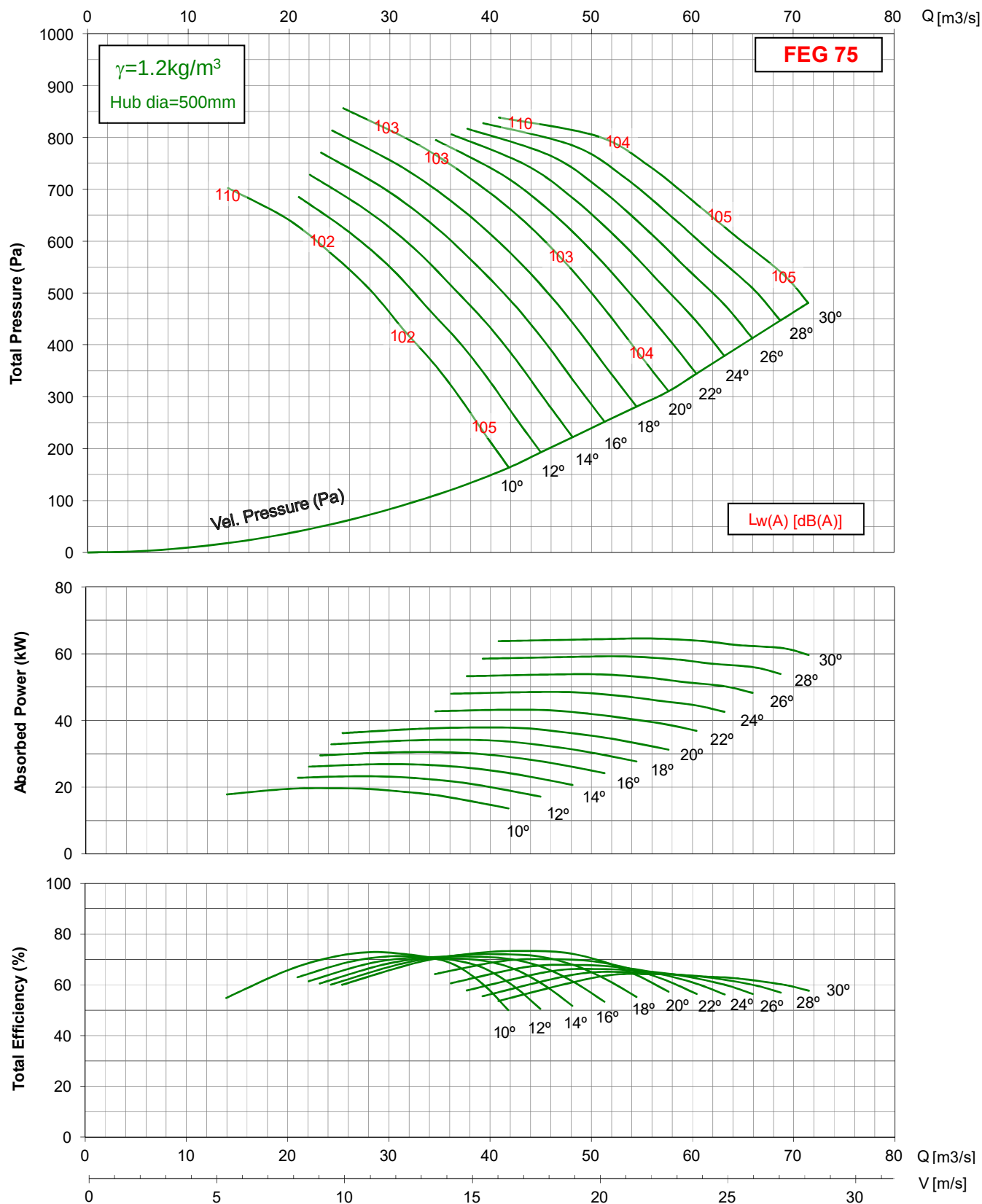
950 rpm - 50 Hz



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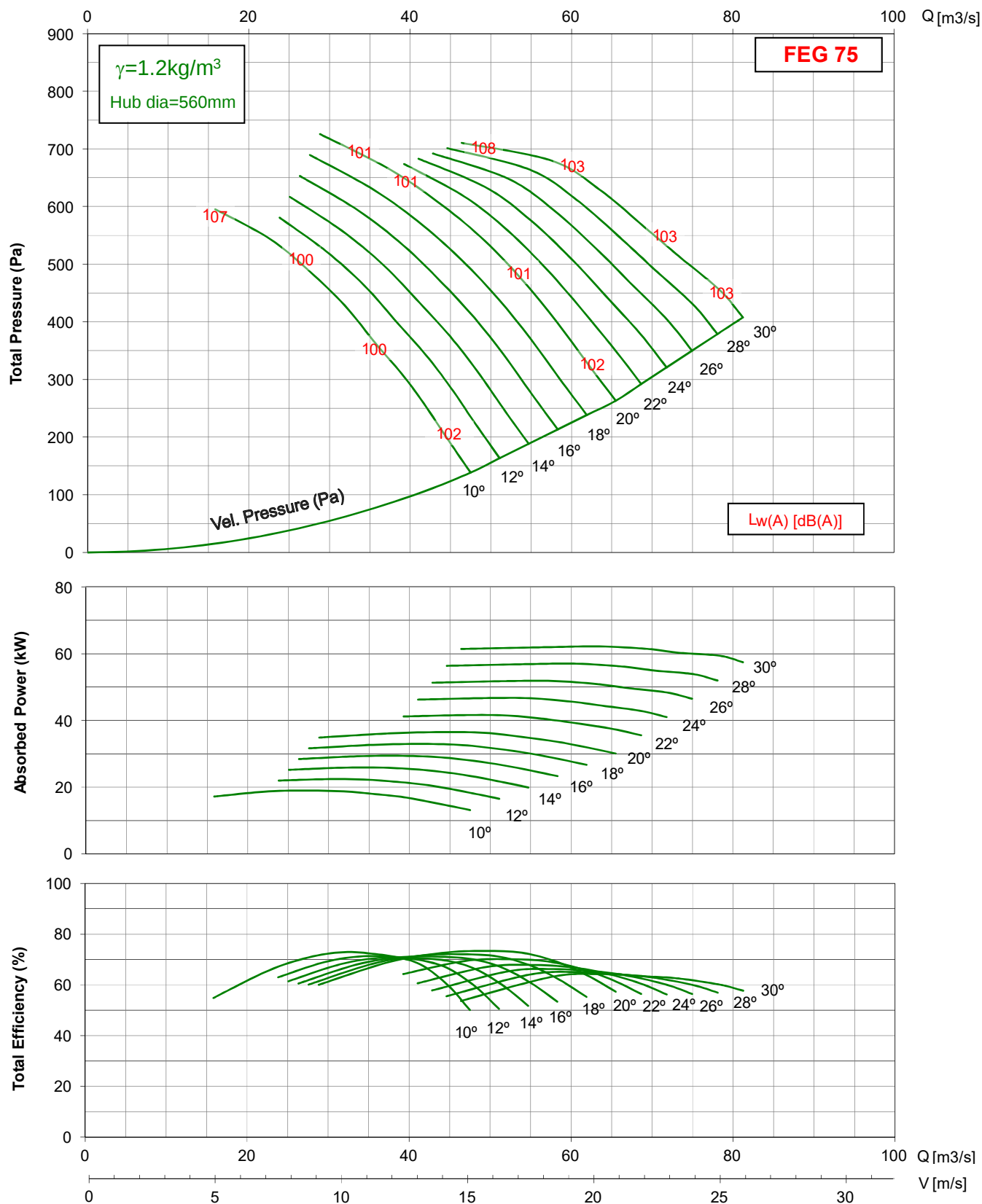
875 rpm - 60 Hz



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TDC 2000 / C31 / D / 4-9V

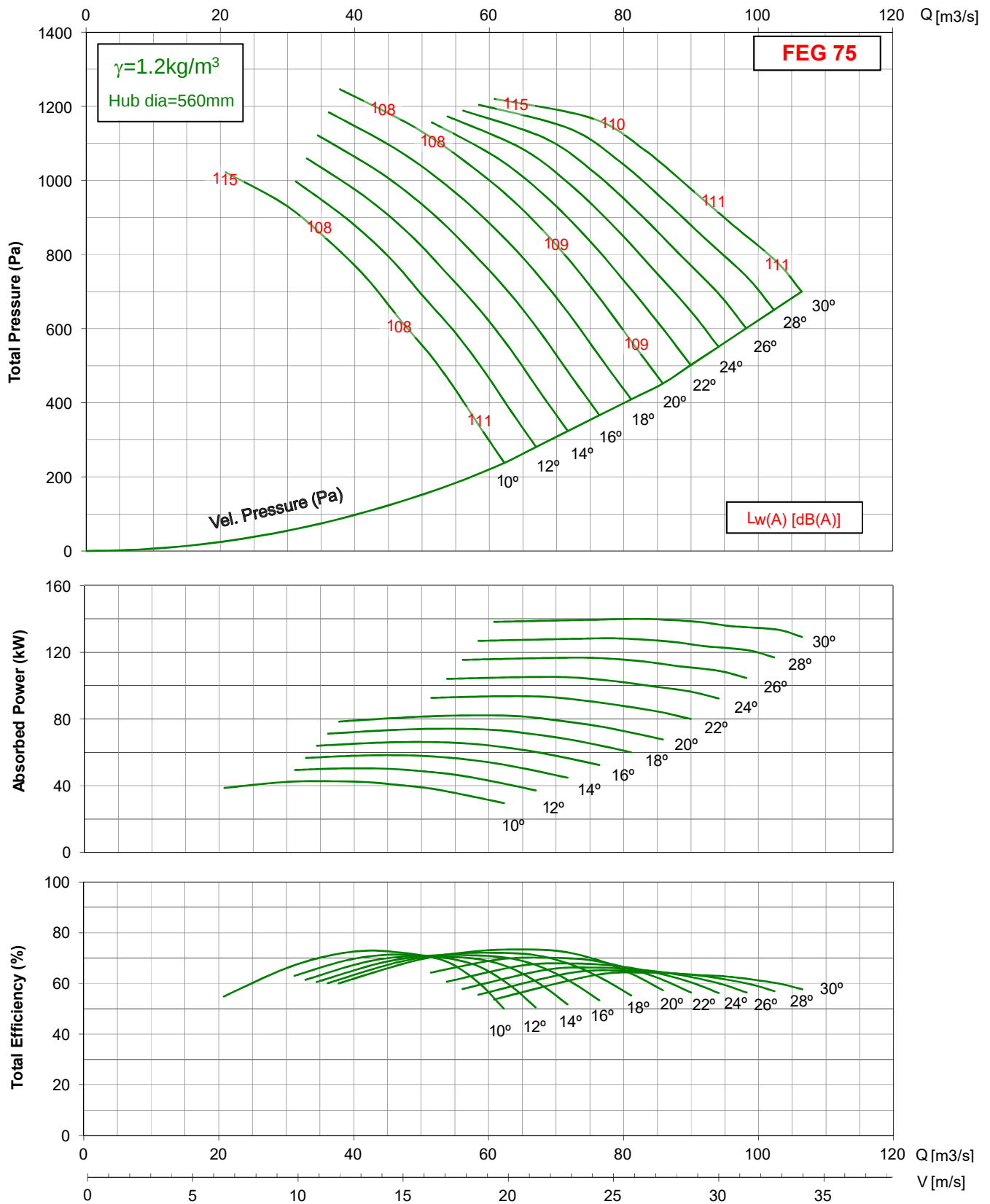
725 rpm - 50 Hz



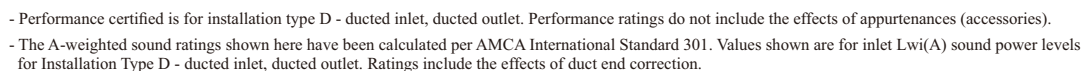
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TDC 2000 / C31 / D / 4-9V

950 rpm - 50 Hz



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NOTES

This image shows a full page of blank graph paper. The grid consists of small, equal-sized squares formed by thin black lines. There are no margins, text, or other markings on the page.

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Email: mktg@krugervn.com

The company is always improving and developing its products, therefore the company reserves the right of making changes to the illustrated products. Certified dimension can be provided upon request.