

Toss fansaz

Backward Plug Fan

TPB

Backward Plug Fan



پلاگ فن معمولاً شامل یک پروانه فن بکوارد یا ایرفویل (یک طرفه) بدون پوسته است که کاربردهای خاصی دارد. پلاگ فن در مکان‌هایی که نیاز به گردش و پخش هوا به صورت یکنواخت است (مانند دستگاه‌های هواساز و هایژنیک) کاربرد دارد. پلاگ فن‌های سانتریفیوژ بکوارد ساخت شرکت طوفان ساز دارای ویژگی‌های زیر می‌باشند:

● دبی حجمی تولیدی تا ۵۰,۰۰۰ متر مکعب بر ساعت

● فشار کل (Pt) تولیدی تا ۲,۵۰۰ پاسکال

● از قطر ۲۰۰ الی ۱,۰۰۰ میلی‌متر

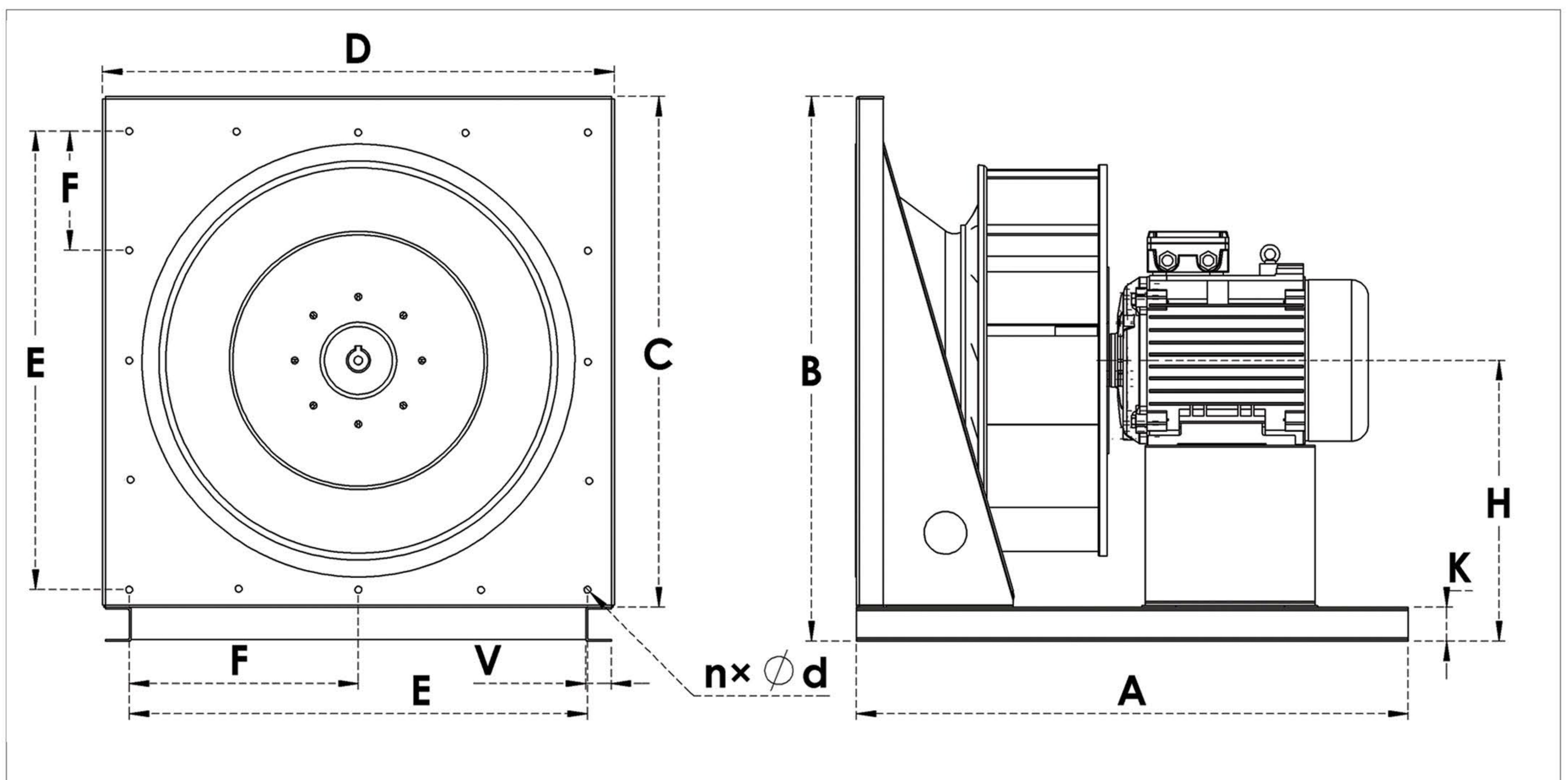
Backward Plug Fan



The plug fan typically consists of a backward-curved or airfoil (single-sided) fan blade without a housing and serves specific purposes. The plug fan is used in places where there is a need for uniform air circulation and distribution (such as hygienic air handling units).

The backward-blade plug fans manufactured by Toofansaz Company have the following characteristics:

- Maximum volume flow rate: up to 50,000
- Maximum total pressure: up to 2,500
- Diameter range: 200 to 1,000.



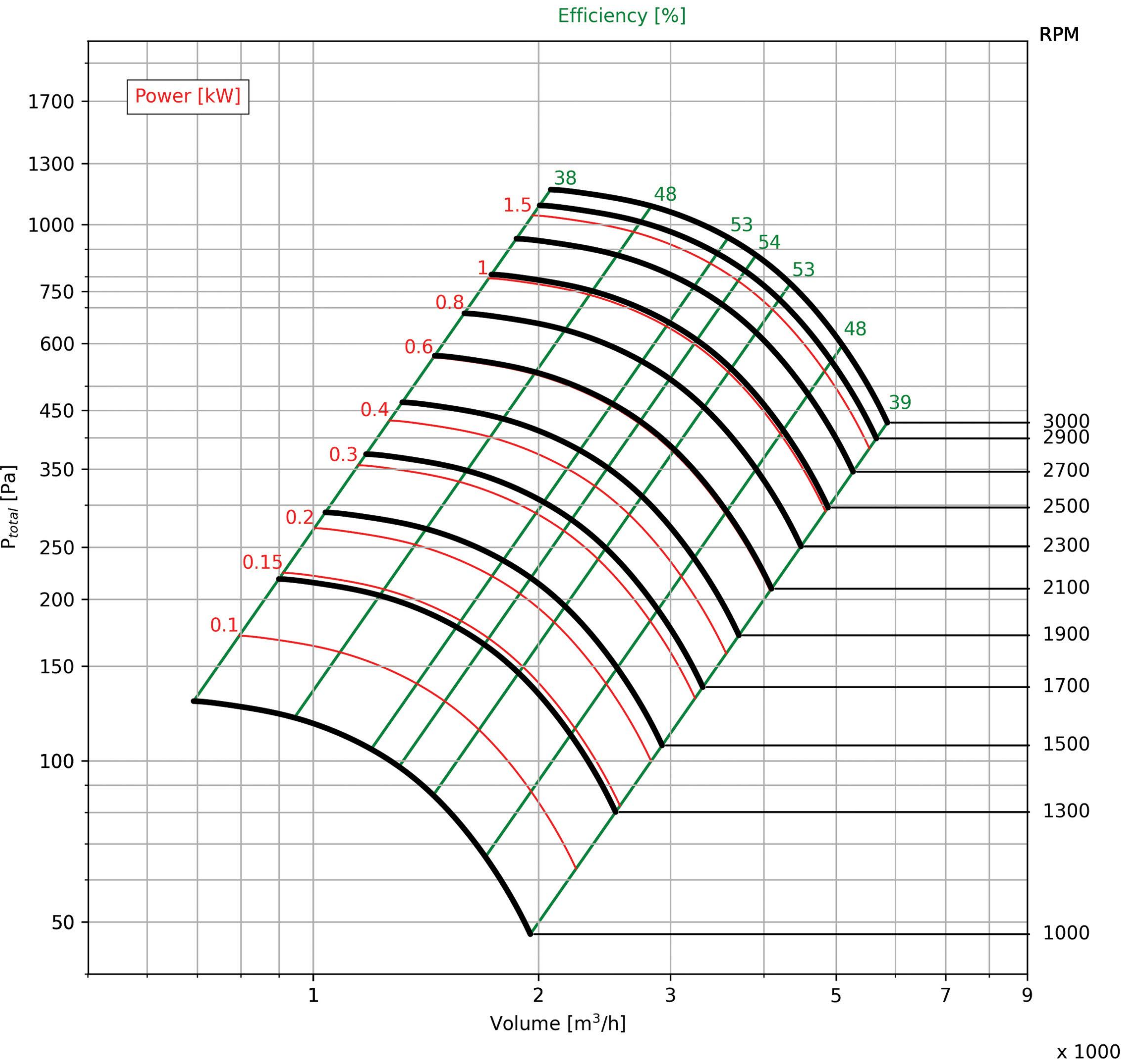
Name	A	B	C	D	E	F	H	K	V	n	Ød
TPB-350	480	511	470	470	438	100	276	41	32.5	16	10

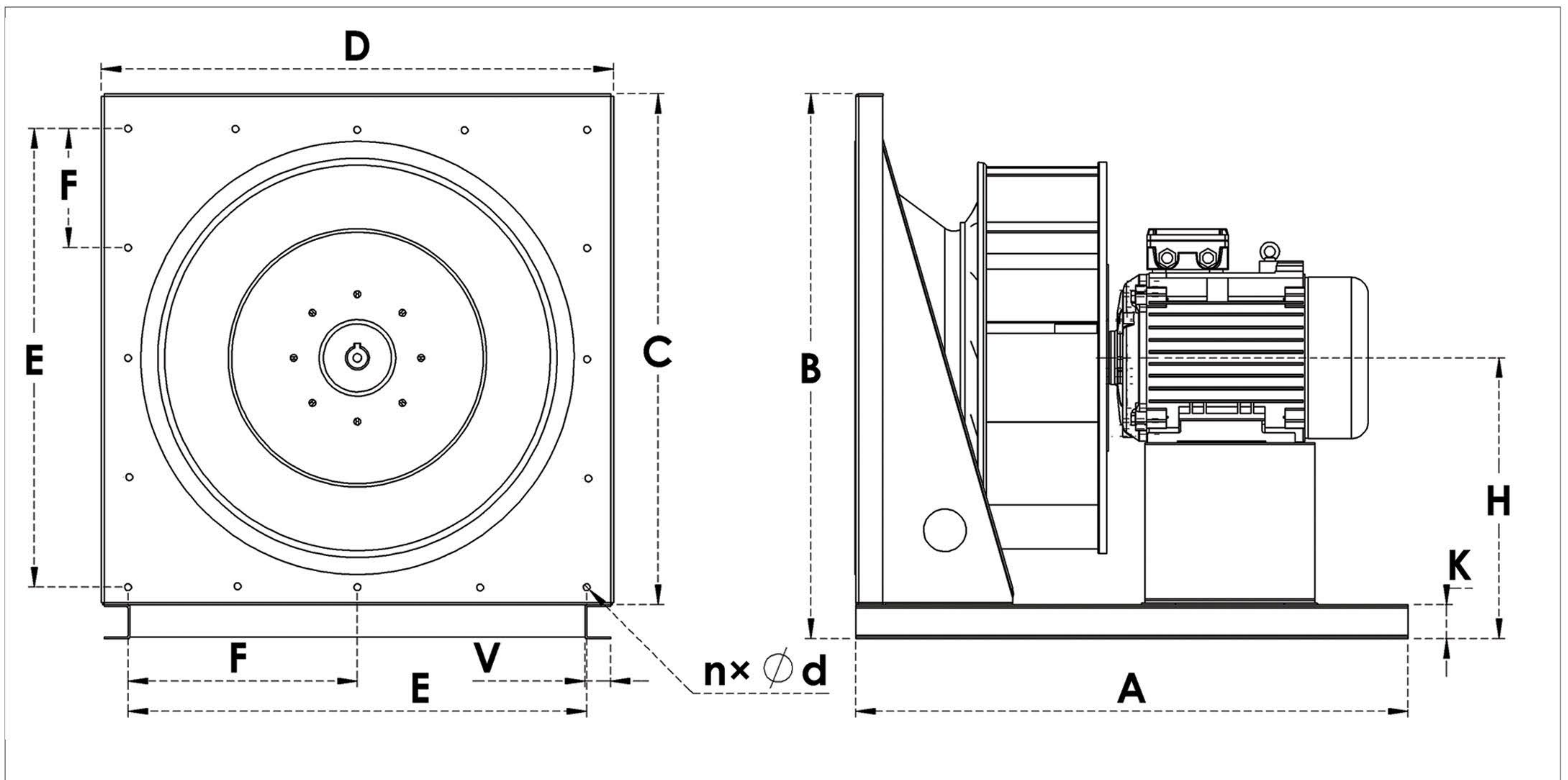
TPB - 350	
Frame Material	ST37 with electrostatic furnace painting
Impeller Material	ST37
Balance Standard	ISO 21940 GRADE 6.3
Maximum Fan Speed	2900 [RPM]
Allowable Operational Temperature	From -15 to +80 °C
Standard Air Density	1.2 kg/m ³
Dimensional Tolerance Standard	ISO 24166
Impeller Diameter	350 [mm]

Backward Plug Fan

TPB

350





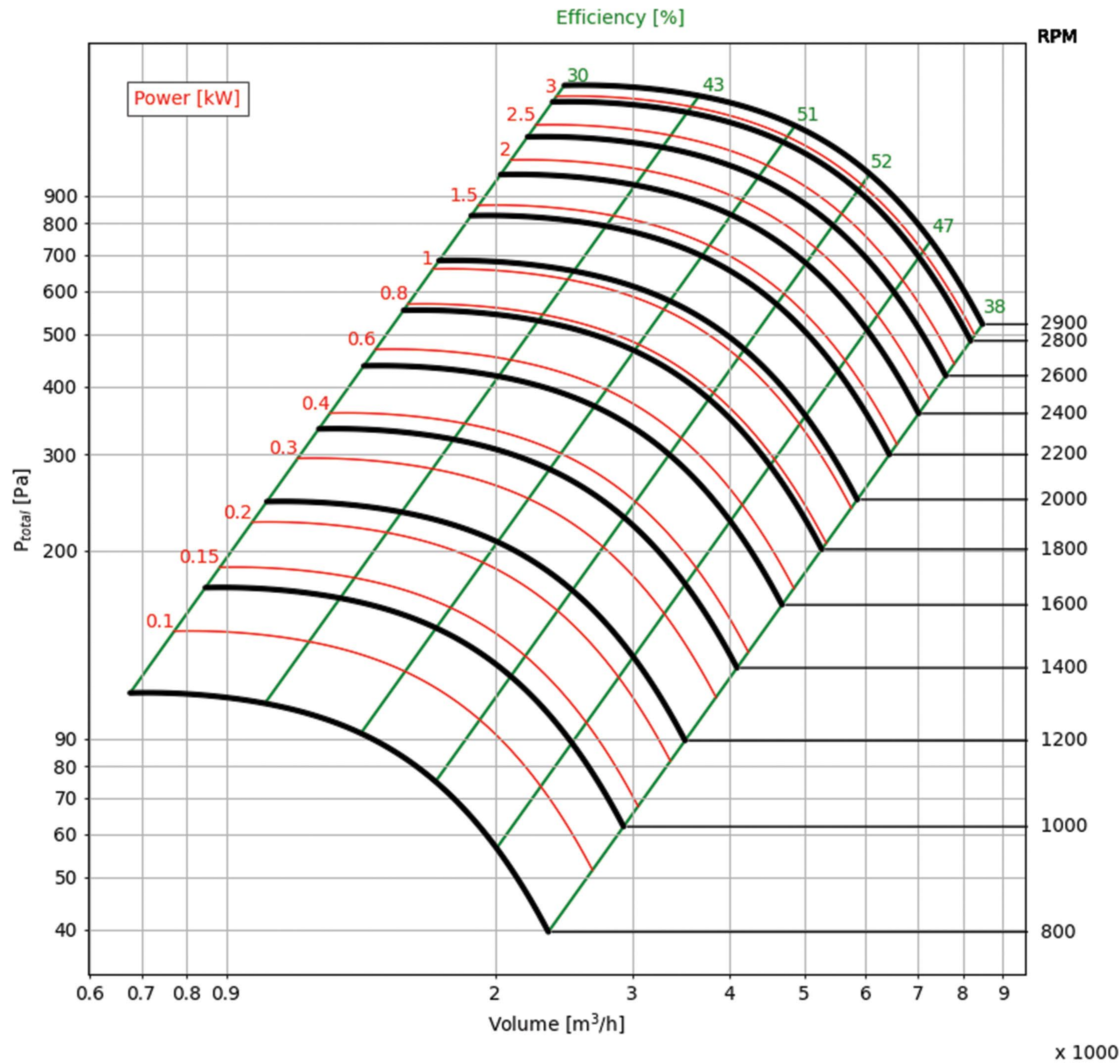
Name	A	B	C	D	E	F	H	K	V	n	Ød
TPB-400	500	555	514	514	487	100	298	41	32.5	20	10

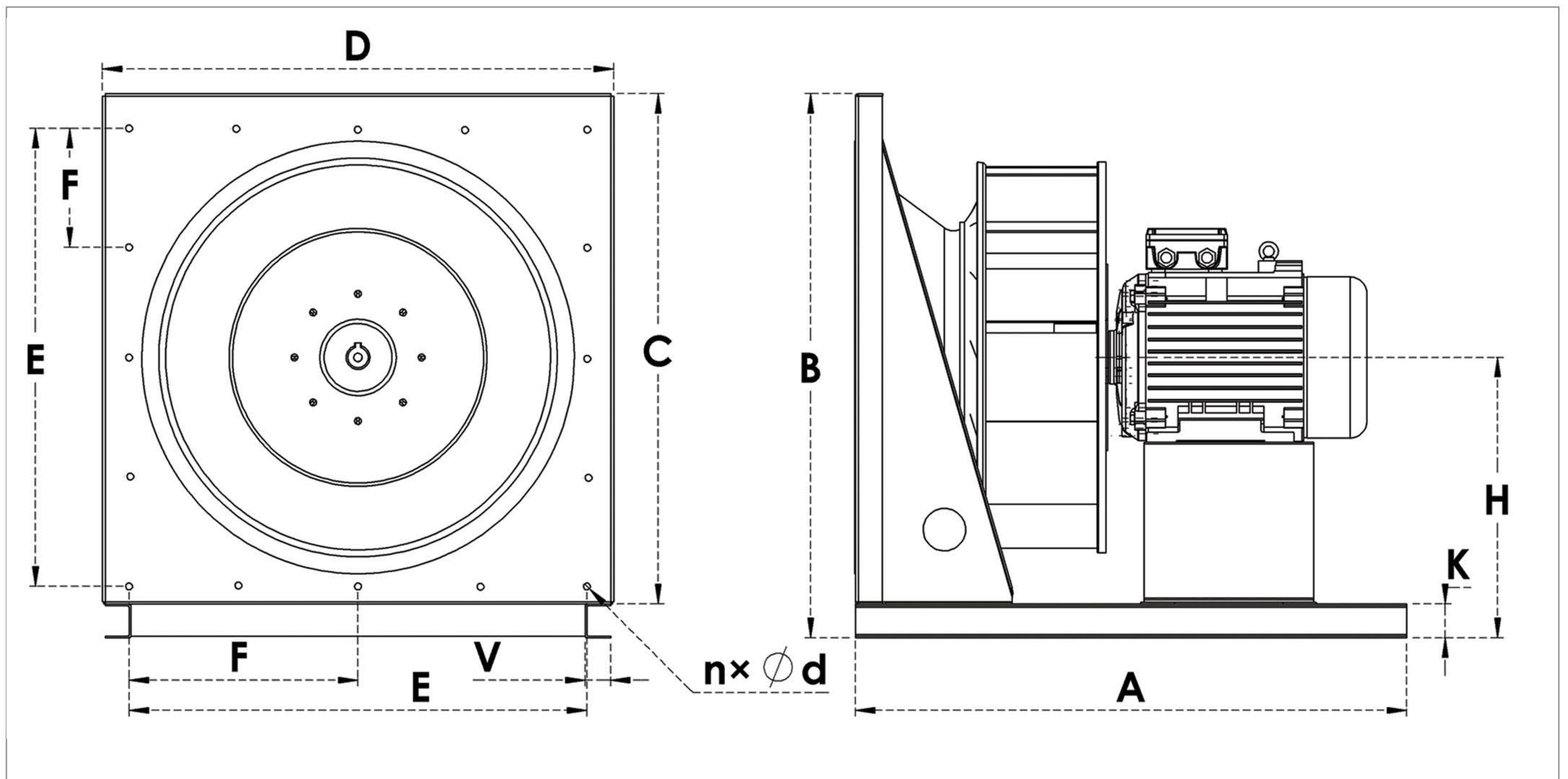
TPB - 400	
Frame Material	ST37 with electrostatic furnace painting
Impeller Material	ST37
Balance Standard	ISO 21940 GRADE 6.3
Maximum Fan Speed	2900 [RPM]
Allowable Operational Temperature	From -15 to +80 °C
Standard Air Density	1.2 kg/m ³
Dimensional Tolerance Standard	ISO 24166
Impeller Diameter	400 [mm]

Backward Plug Fan

TPB

400





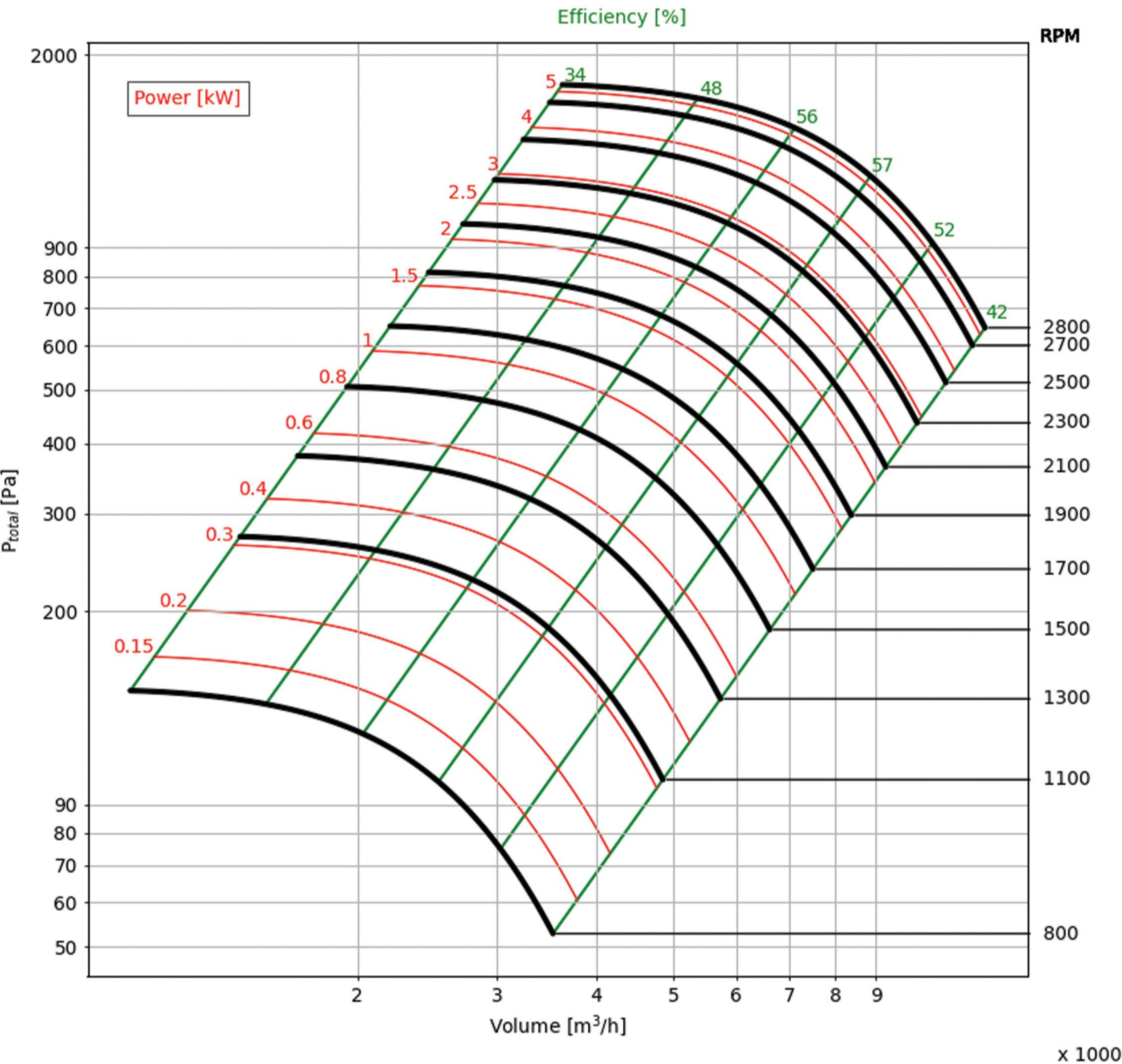
Name	A	B	C	D	E	F	H	K	V	n	Ød
TPB-450	625	623	582	582	541	100	332	41	35	20	10

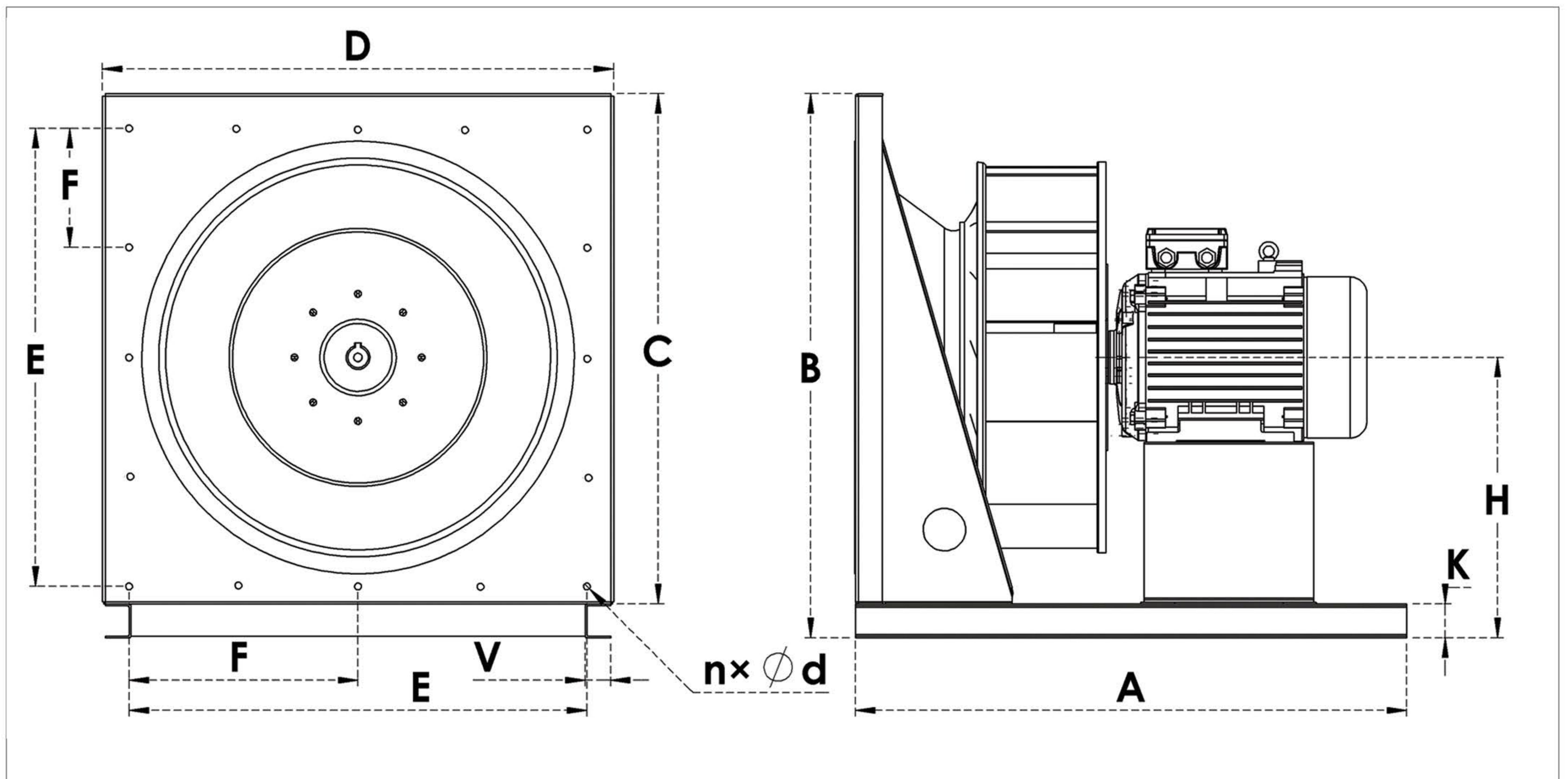
TPB - 450	
Frame Material	ST37 with electrostatic furnace painting
Impeller Material	ST37
Balance Standard	ISO 21940 GRADE 6.3
Maximum Fan Speed	2800 [RPM]
Allowable Operational Temperature	From -15 to +80 °C
Standard Air Density	1.2 kg/m ³
Dimensional Tolerance Standard	ISO 24166
Impeller Diameter	450 [mm]

Backward Plug Fan

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450





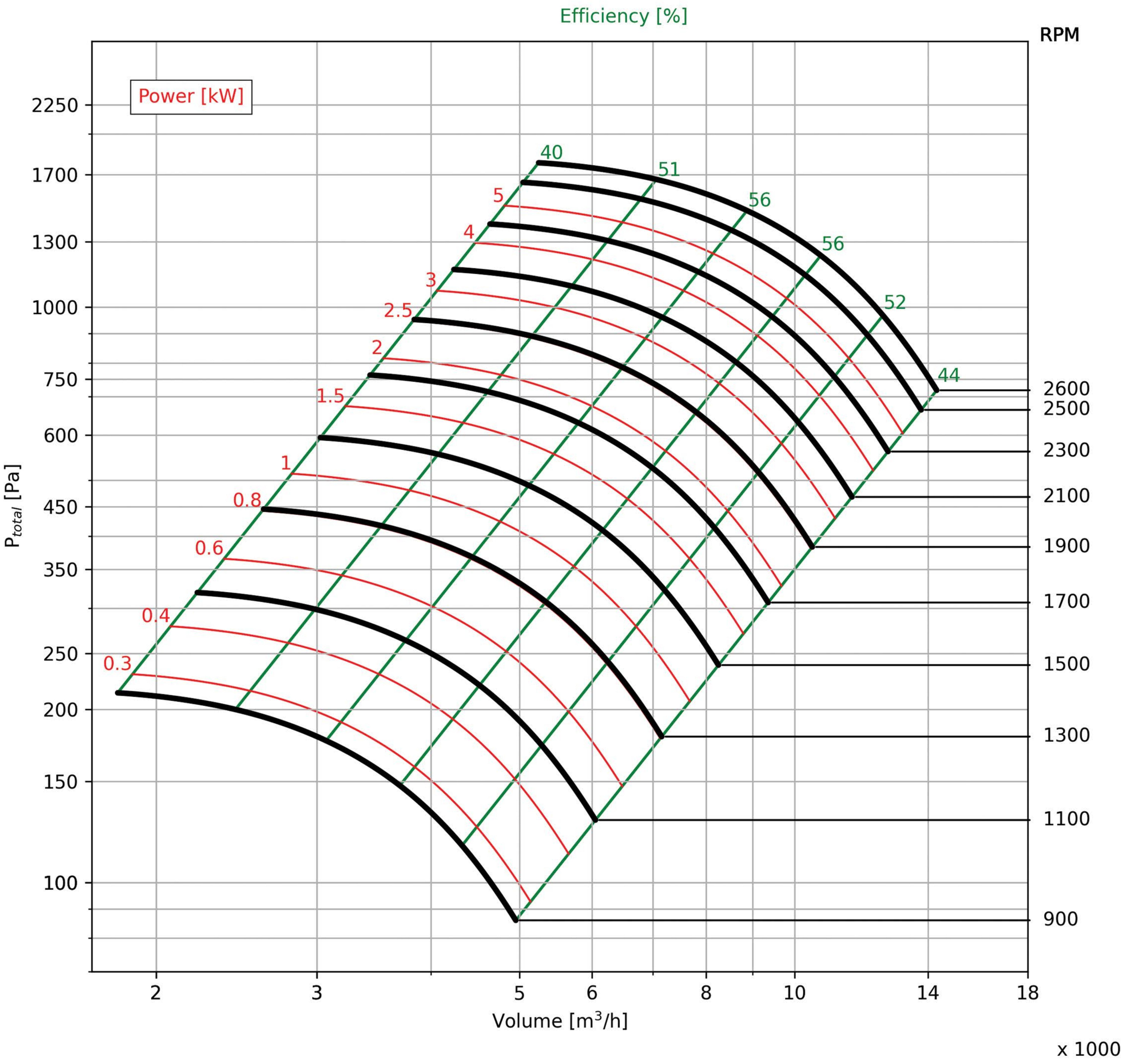
Name	A	B	C	D	E	F	H	K	V	n	Ød
TPB-500	650	728	645	645	605	112	405.5	83	40	20	12

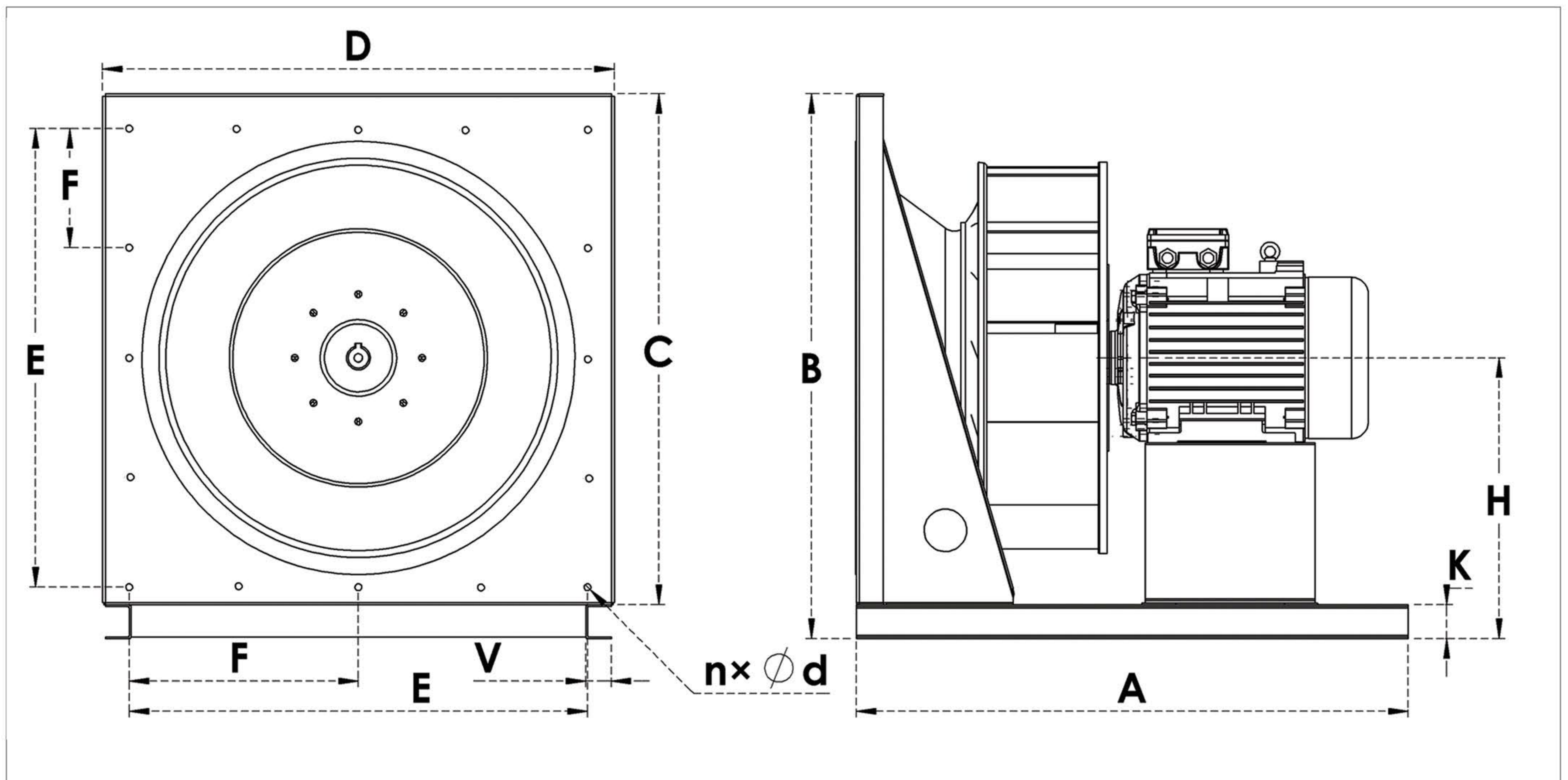
TPB - 500	
Frame Material	ST37 with electrostatic furnace painting
Impeller Material	ST37
Balance Standard	ISO 21940 GRADE 6.3
Maximum Fan Speed	2600 [RPM]
Allowable Operational Temperature	From -15 to +80 °C
Standard Air Density	1.2 kg/m ³
Dimensional Tolerance Standard	ISO 24166
Impeller Diameter	500 [mm]

Backward Plug Fan

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500





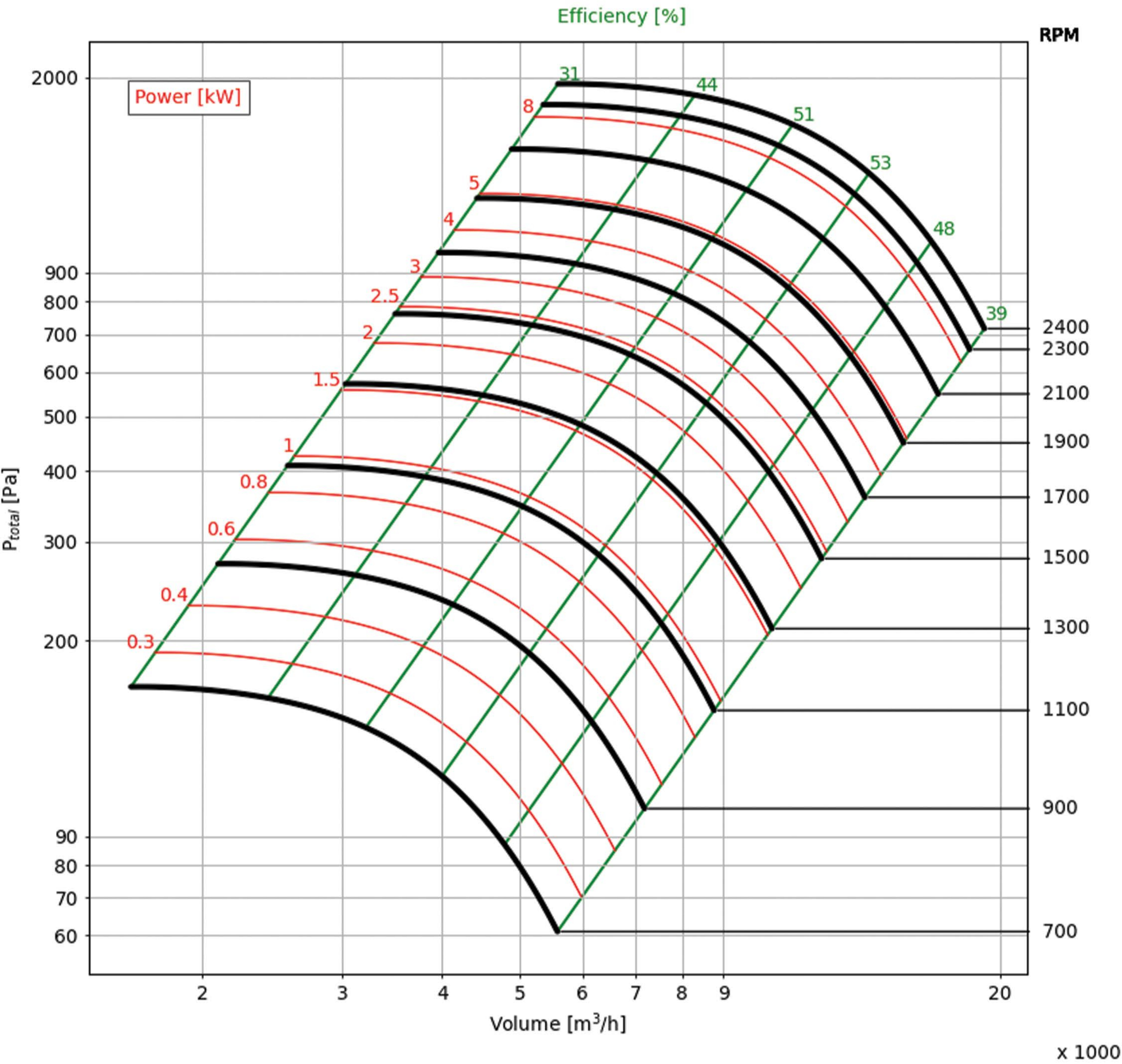
Name	A	B	C	D	E	F	H	K	V	n	Ød
TPB-560	695	798	715	715	674	112	440.5	83	40	24	12

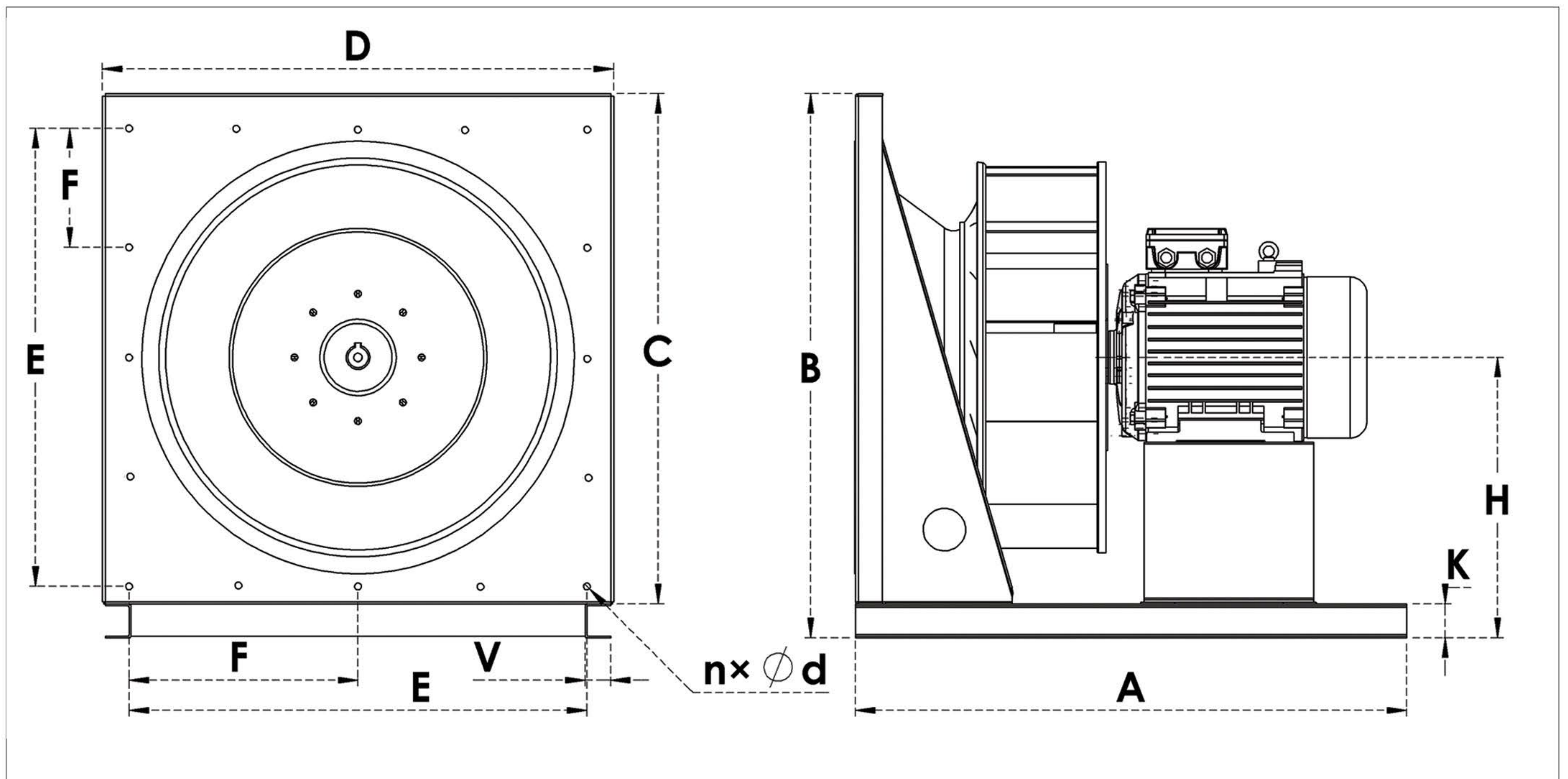
TPB - 560	
Frame Material	ST37 with electrostatic furnace painting
Impeller Material	ST37
Balance Standard	ISO 21940 GRADE 6.3
Maximum Fan Speed	2400 [RPM]
Allowable Operational Temperature	From -15 to +80 °C
Standard Air Density	1.2 kg/m ³
Dimensional Tolerance Standard	ISO 24166
Impeller Diameter	560 [mm]

Backward Plug Fan

TPB

560





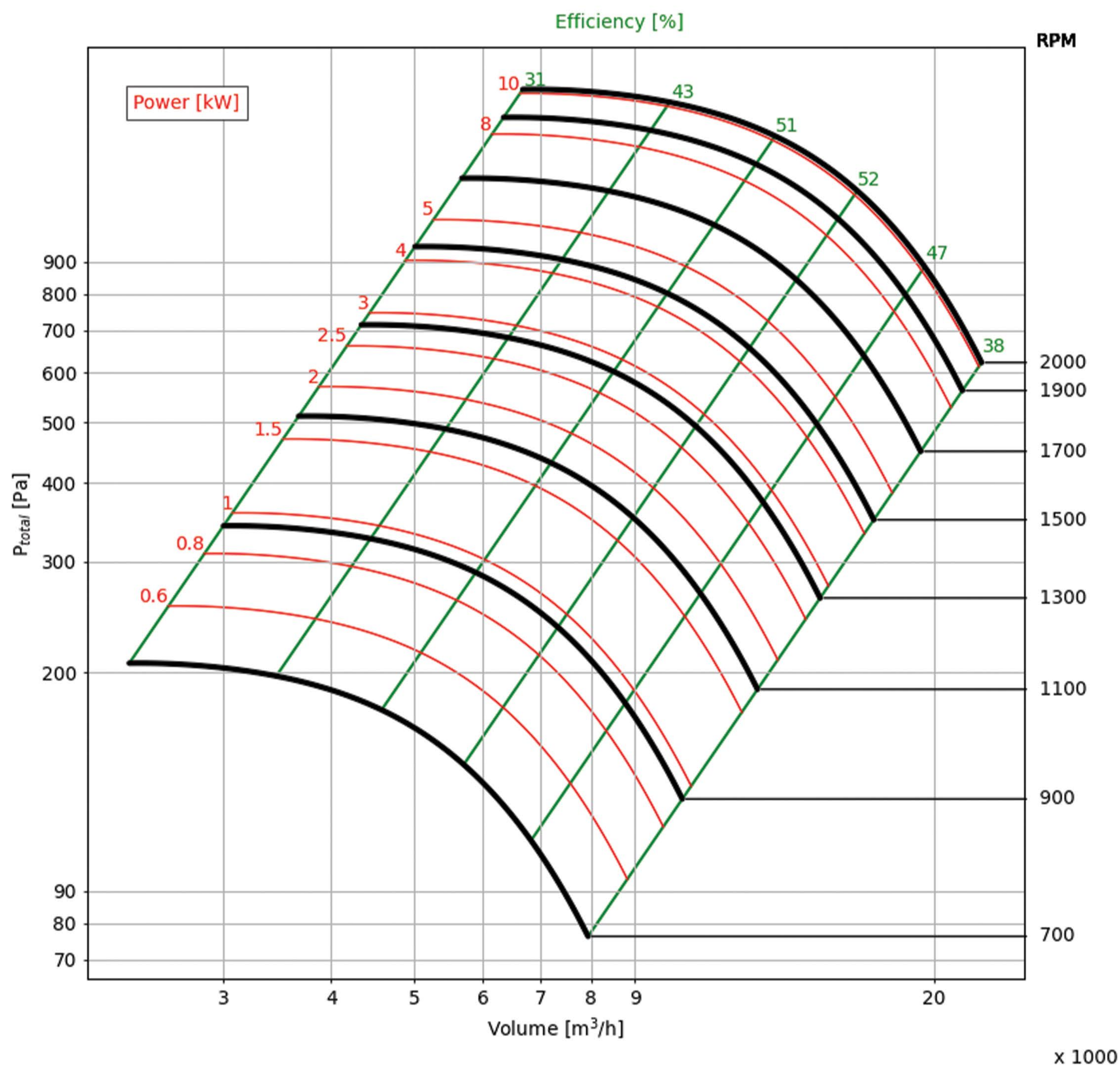
Name	A	B	C	D	E	F	H	K	V	n	Ød
TPB-630	835	873	790	790	751	112	478	83	40	28	12

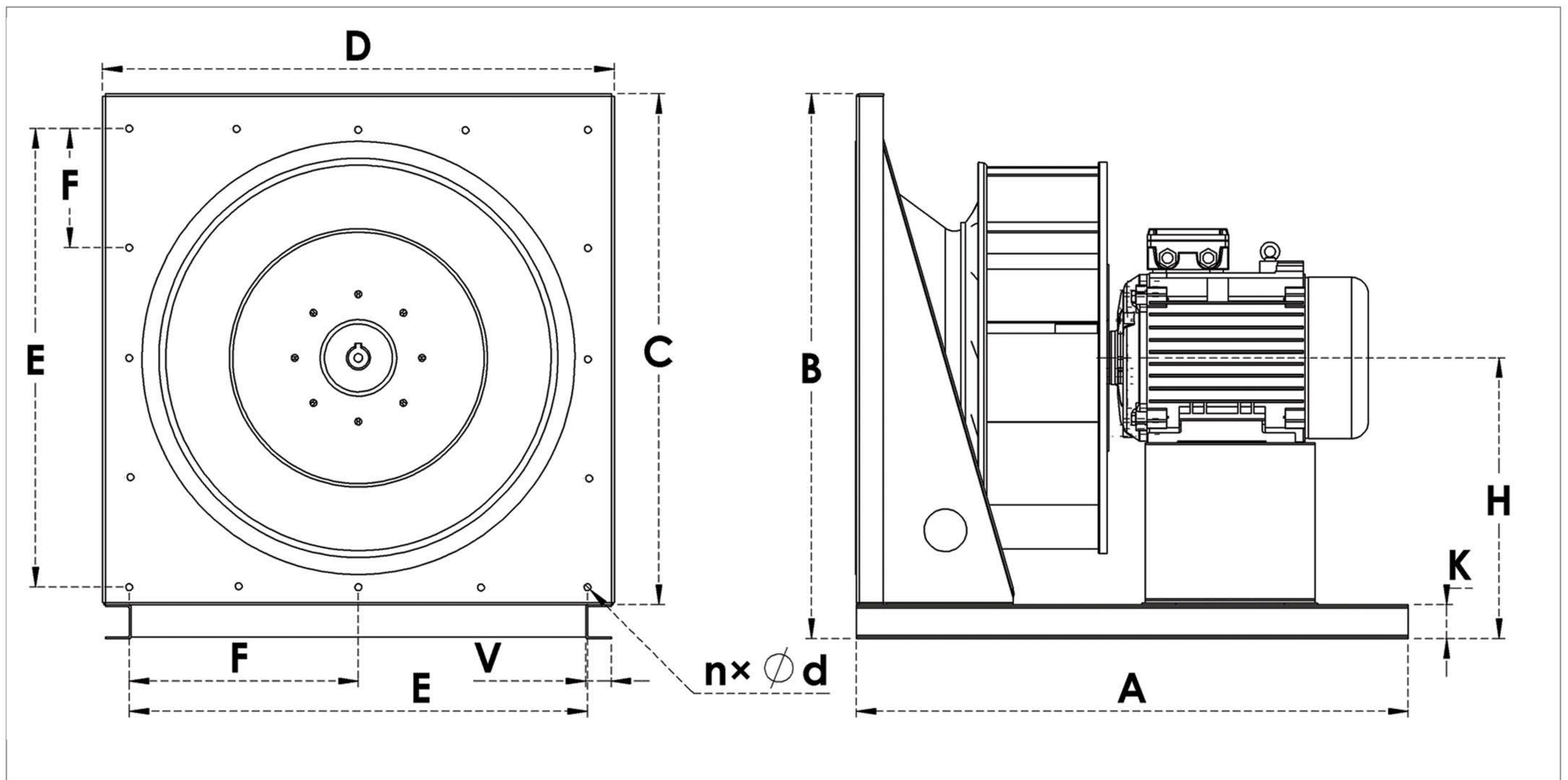
TPB - 630	
Frame Material	ST37 with electrostatic furnace painting
Impeller Material	ST37
Balance Standard	ISO 21940 GRADE 6.3
Maximum Fan Speed	2000 [RPM]
Allowable Operational Temperature	From -15 to +80 °C
Standard Air Density	1.2 kg/m ³
Dimensional Tolerance Standard	ISO 24166
Impeller Diameter	630 [mm]

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TPB

630





Name	A	B	C	D	E	F	H	K	V	n	Ød
TPB-710	880	955	875	875	837	112	517.5	80	40	28	12

TPB - 710	
Frame Material	ST37 with electrostatic furnace painting
Impeller Material	ST37
Balance Standard	ISO 21940 GRADE 6.3
Maximum Fan Speed	1500 [RPM]
Allowable Operational Temperature	From -15 to +80 °C
Standard Air Density	1.2 kg/m ³
Dimensional Tolerance Standard	ISO 24166
Impeller Diameter	710 [mm]