



T99FANSAZ

Single-inlet Forward

Exhaust Fan



TSF

Single-inlet Forward Exhaust Fan



پره‌های فن فوروارد انحنایی در جهت چرخش دارند و زاویه آنها بیشتر از ۹۰ درجه می‌باشد. فن سانتریفیوژ فوروارد دارای دبی و فشار استاتیک بیشتری نسبت به مدل بکوارد البته در سایز و دور یکسان می‌باشد. این محصول دارای صدای کم و راندمان بالا در دورهای پایین است و در سیستم‌های مختلف تهویه مطبوع (خانگی و صنعتی)، هواسازها، خشک کن‌ها و دستگاه‌های فراوری مواد غذایی، سیستم‌های تخلیه هوای ساختمان‌های تجاری و صنعتی، هودهای خانگی و آزمایشگاهی، هیترها و تمامی سیستم‌هایی که احتیاج به جابجایی هوای زیاد دارند، استفاده می‌شود.

● دبی حجمی تولیدی تا ۱۴۰،۰۰۰ مترمکعب بر ساعت

● فشار کل (Pt) تولیدی تا ۱۵۰۰ پاسکال

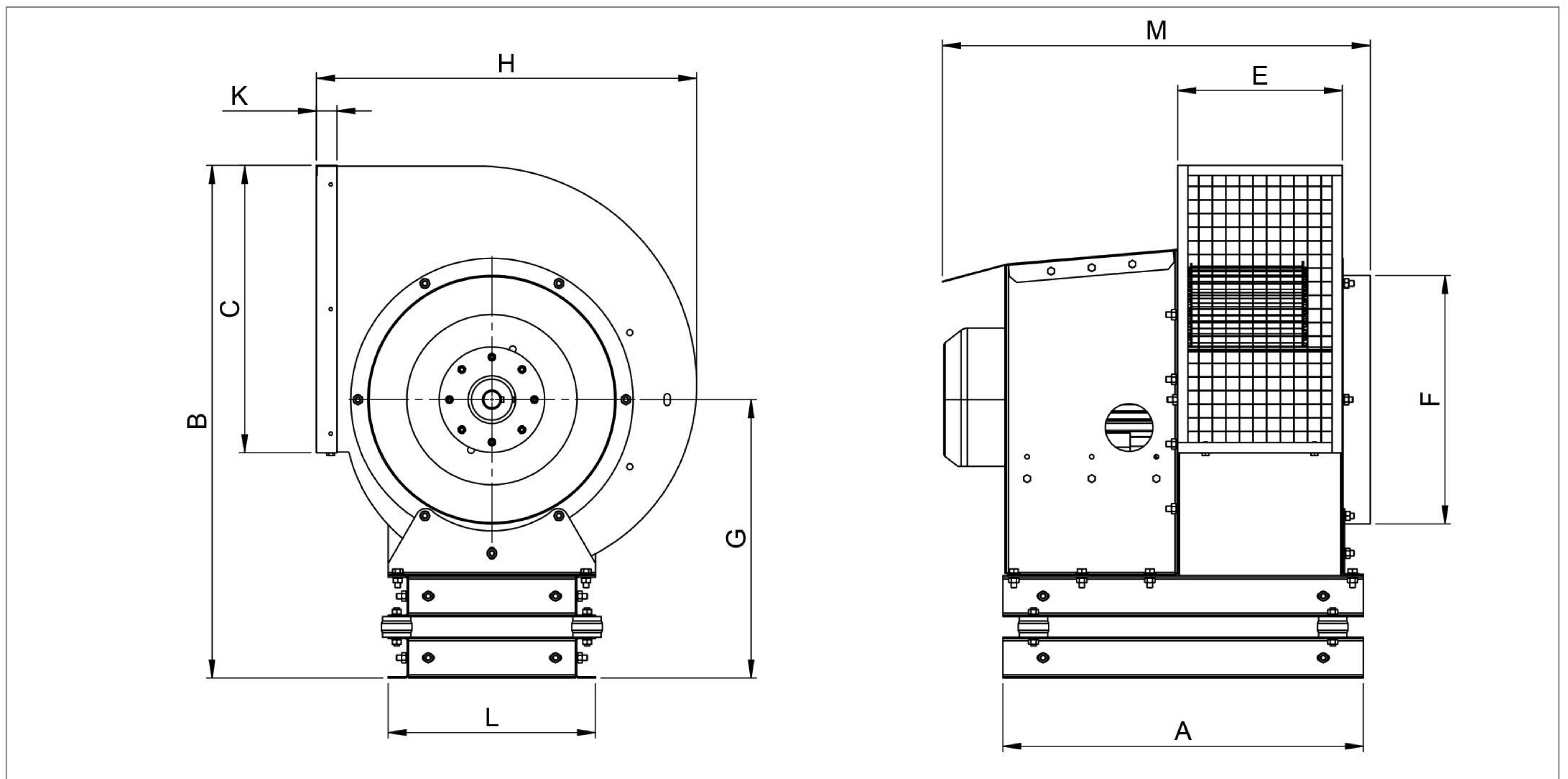
● از قطر ۰.۲ m (۷ inch) الی ۱.۲ m (۴۸ inch)

Single-inlet Forward Exhaust Fan



The forward-blade centrifugal fan has blades curved in the direction of rotation, and their angle is greater than 90 degrees. The forward-blade centrifugal fan provides a higher volume flow rate and static pressure compared to the backward-blade model, assuming the same size and speed. This product is characterized by low noise and high efficiency at lower speeds. It is widely used in various HVAC systems (residential and industrial), air handlers, dryers, food processing equipment, building exhaust systems for commercial and industrial buildings, domestic and laboratory hoods, heaters, and all systems that require high air movement.

It can produce a volume flow rate of up to 140,000 cubic meters per hour and a total pressure of up to 1500 Pascal. The diameter ranges from 0.2 to 1.2 meters.



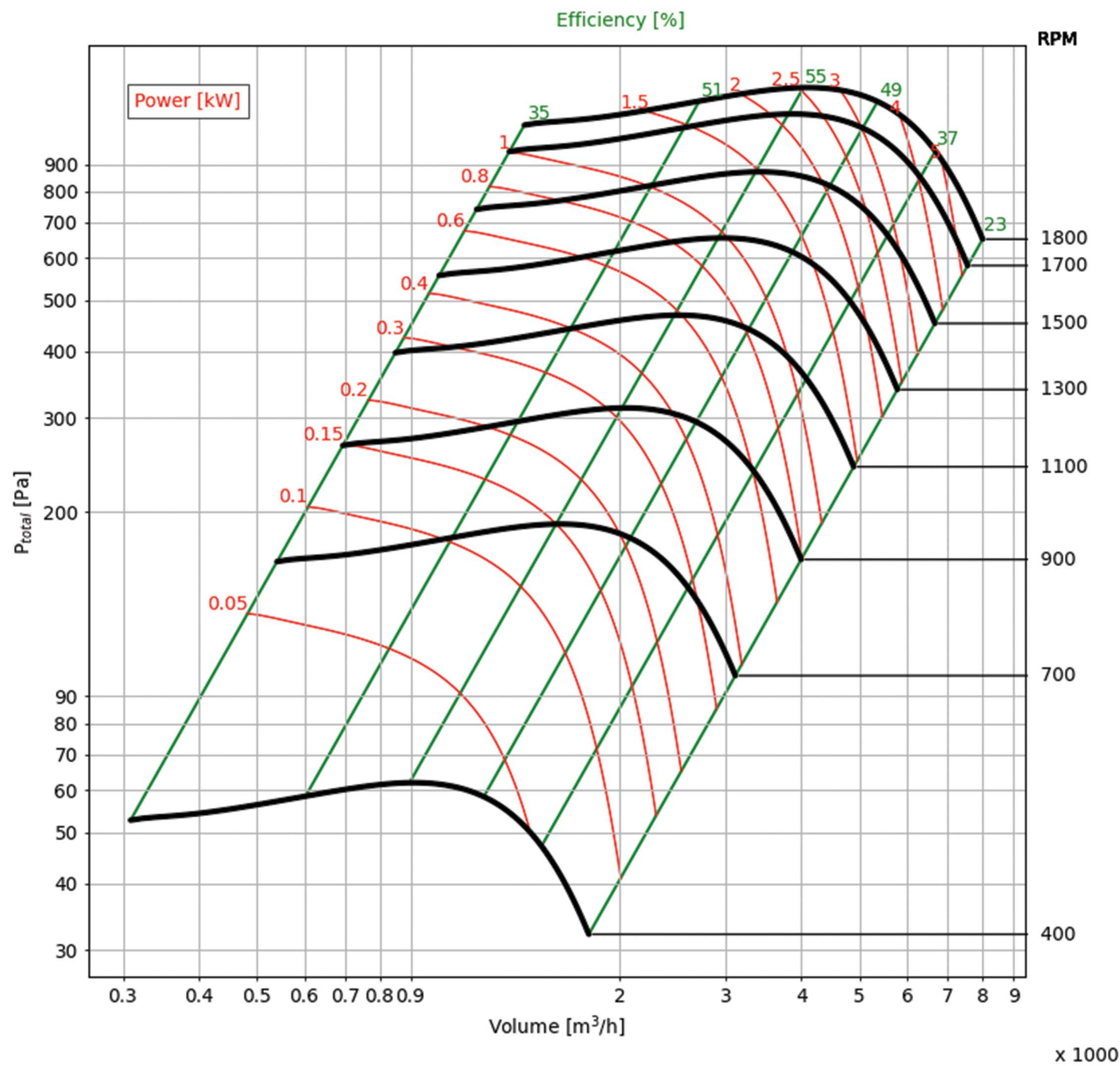
Name	A	B	C	E	F	G	H	K	L	M
TSF-12*6	505	659	362	242	324	364	490	60	305	604

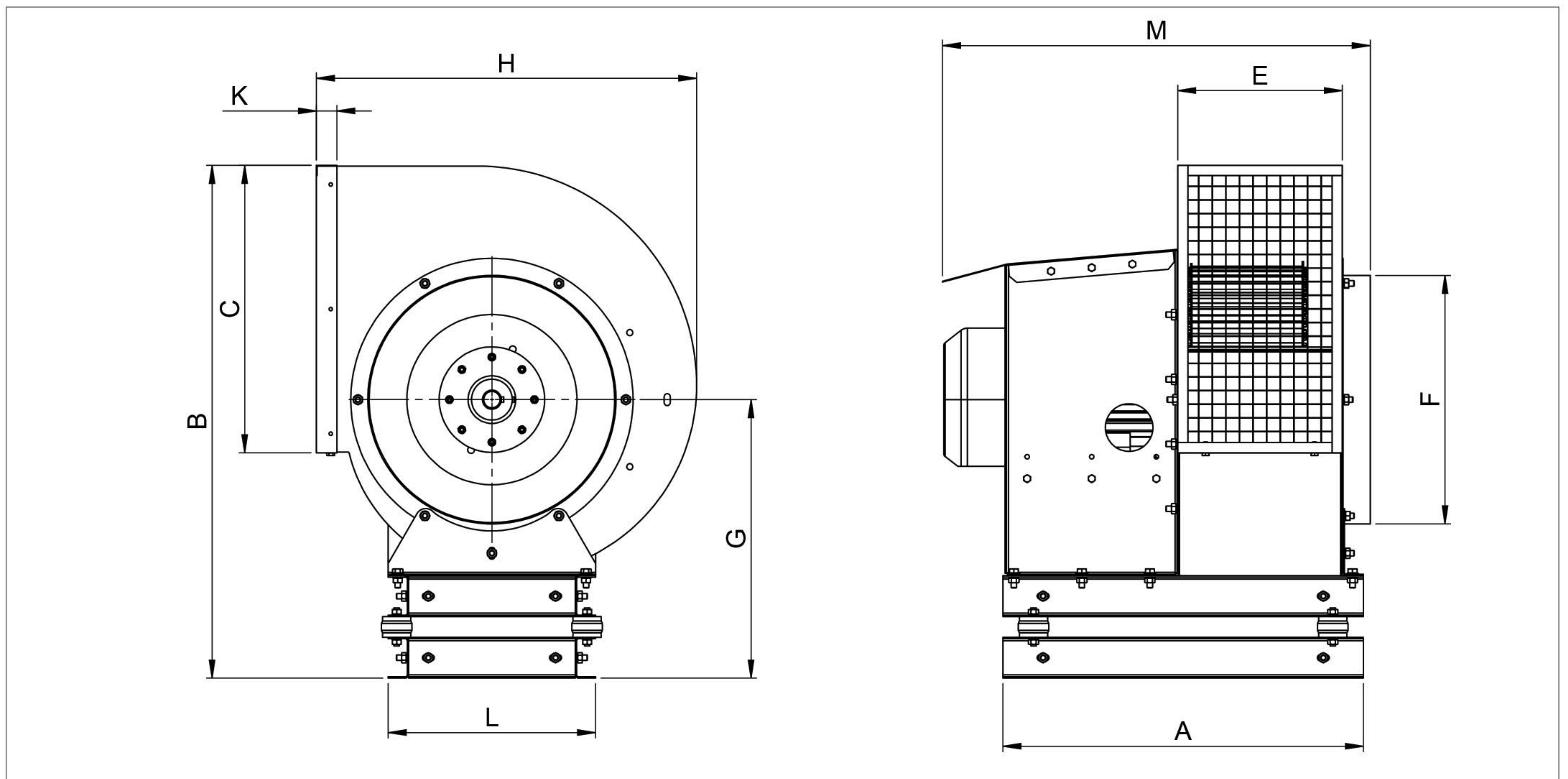
TSF - 12*6	
Housing Material	Galvanized Steel
Impeller Material	Galvanized Steel
Balance Standard	ISO 21940 GRADE 6.3
Maximum Fan Speed	1800 [RPM]
Allowable Operational Temperature	From -15 to +80 °C
Standard Air Density	1.2 kg/m ³
Dimensional Tolerance Standard	ISO 24166
Impeller Diameter	340 [mm]

Single-inlet Forward Exhaust Fan

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12*6





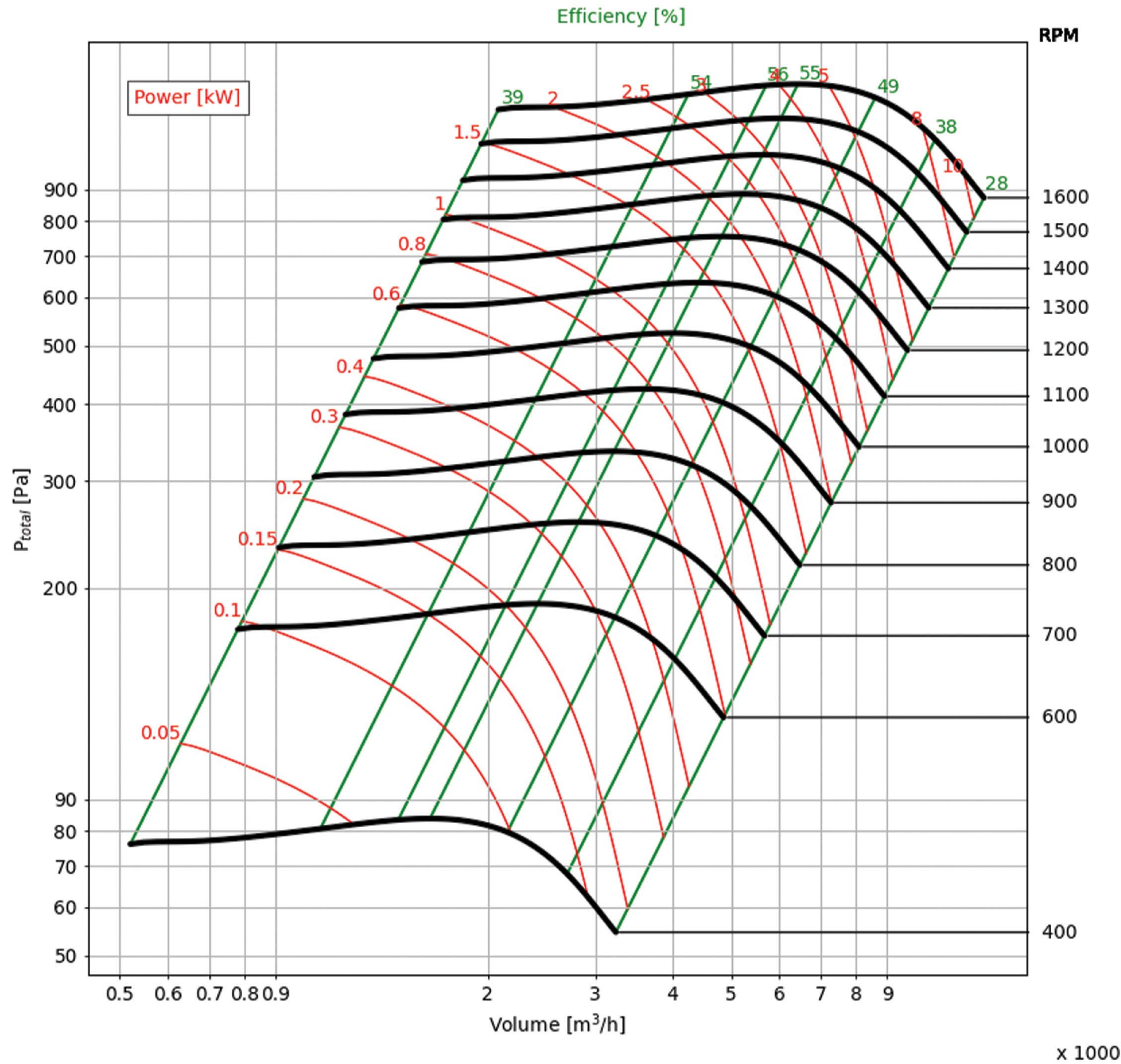
Name	A	B	C	E	F	G	H	K	L	M
TSF-15*6	530	753	422	242	365	409	559	30	305	629

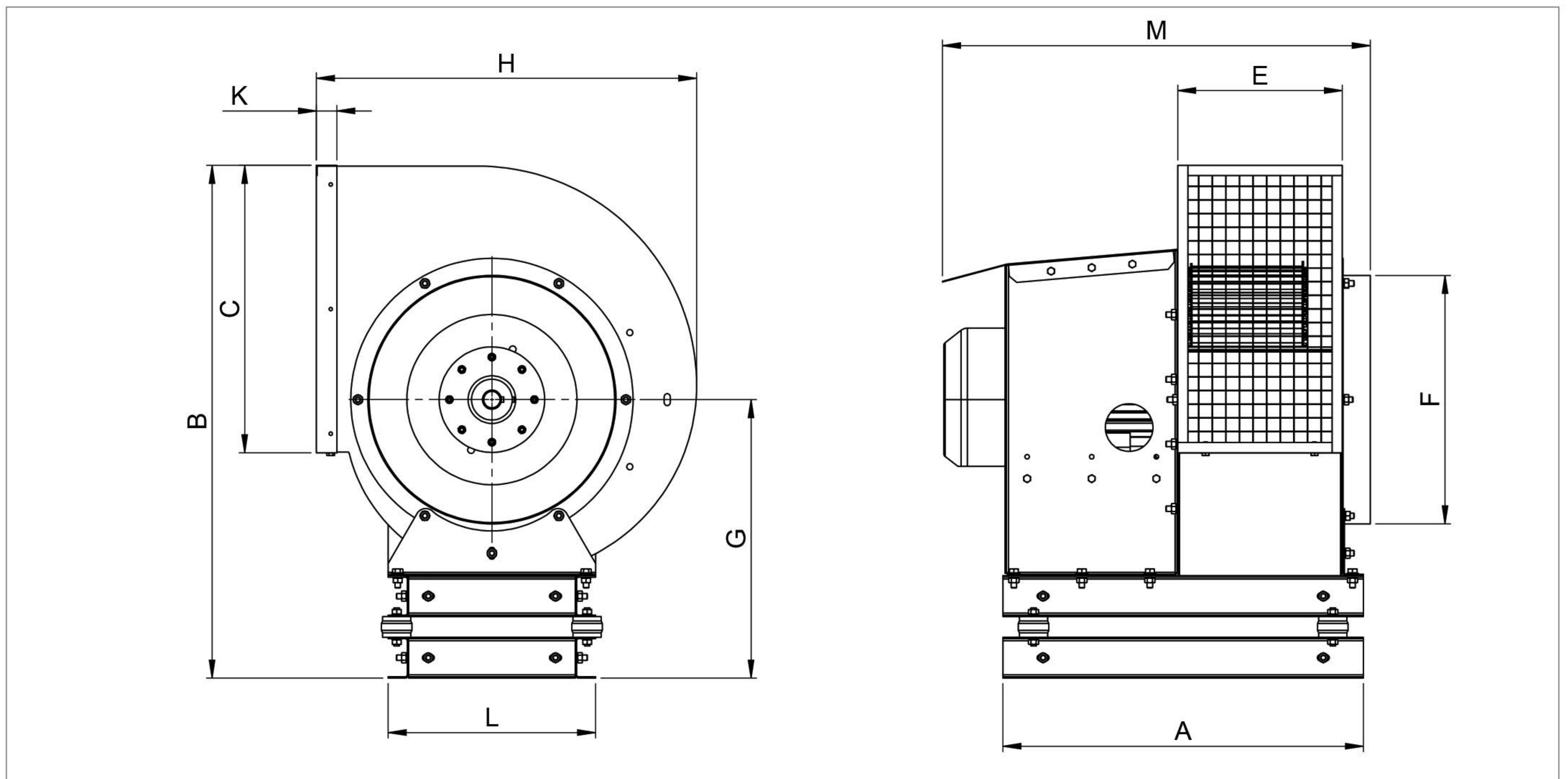
TSF - 15*6	
Housing Material	Galvanized Steel
Impeller Material	Galvanized Steel
Balance Standard	ISO 21940 GRADE 6.3
Maximum Fan Speed	1600 [RPM]
Allowable Operational Temperature	From -15 to +80 °C
Standard Air Density	1.2 kg/m ³
Dimensional Tolerance Standard	ISO 24166
Impeller Diameter	405 [mm]

Single-inlet Forward Exhaust Fan

TSF

15*9





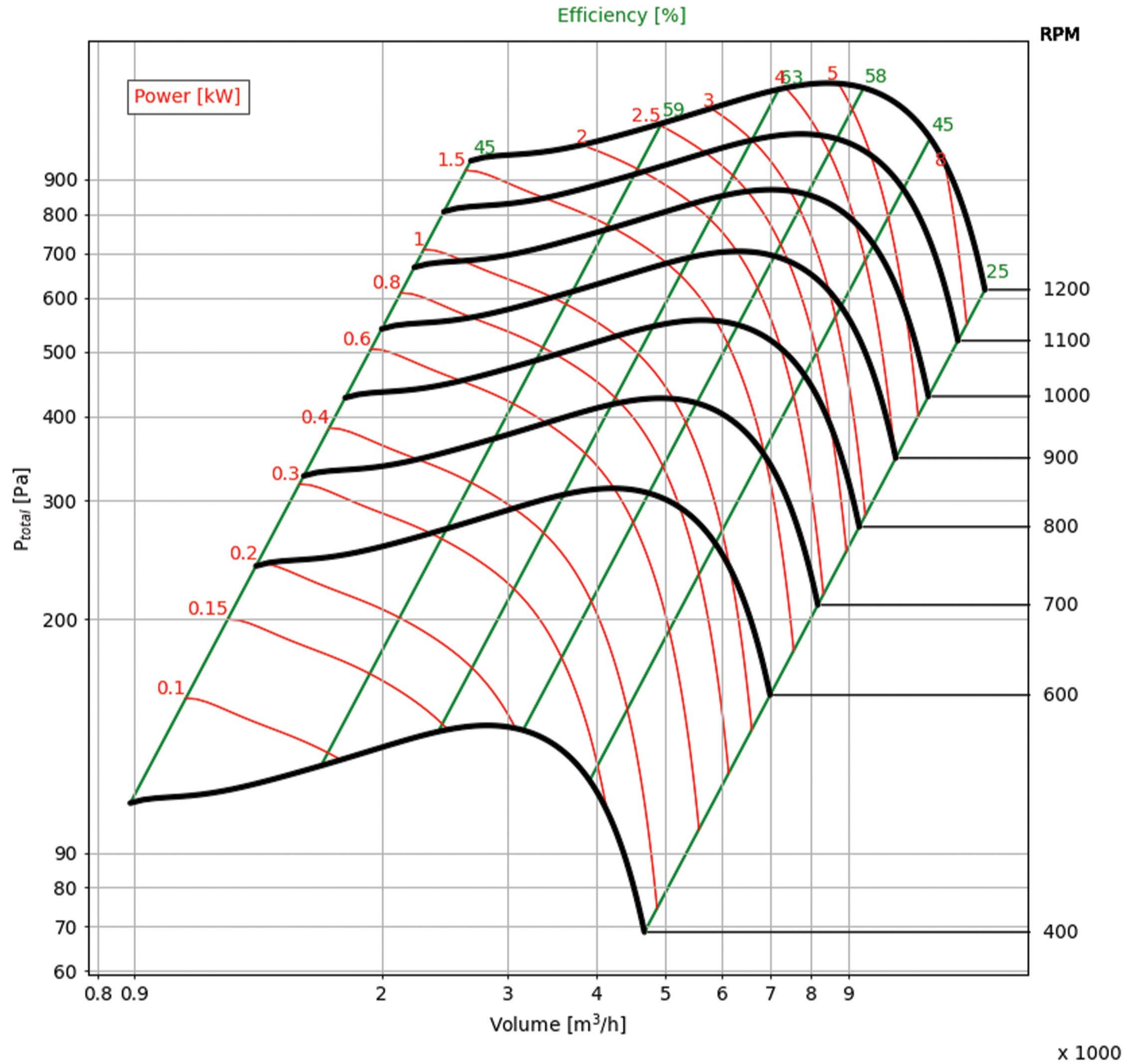
Name	A	B	C	E	F	G	H	K	L	M
TSF-18*6	565	871	502	247	468	461	661	30	345	669

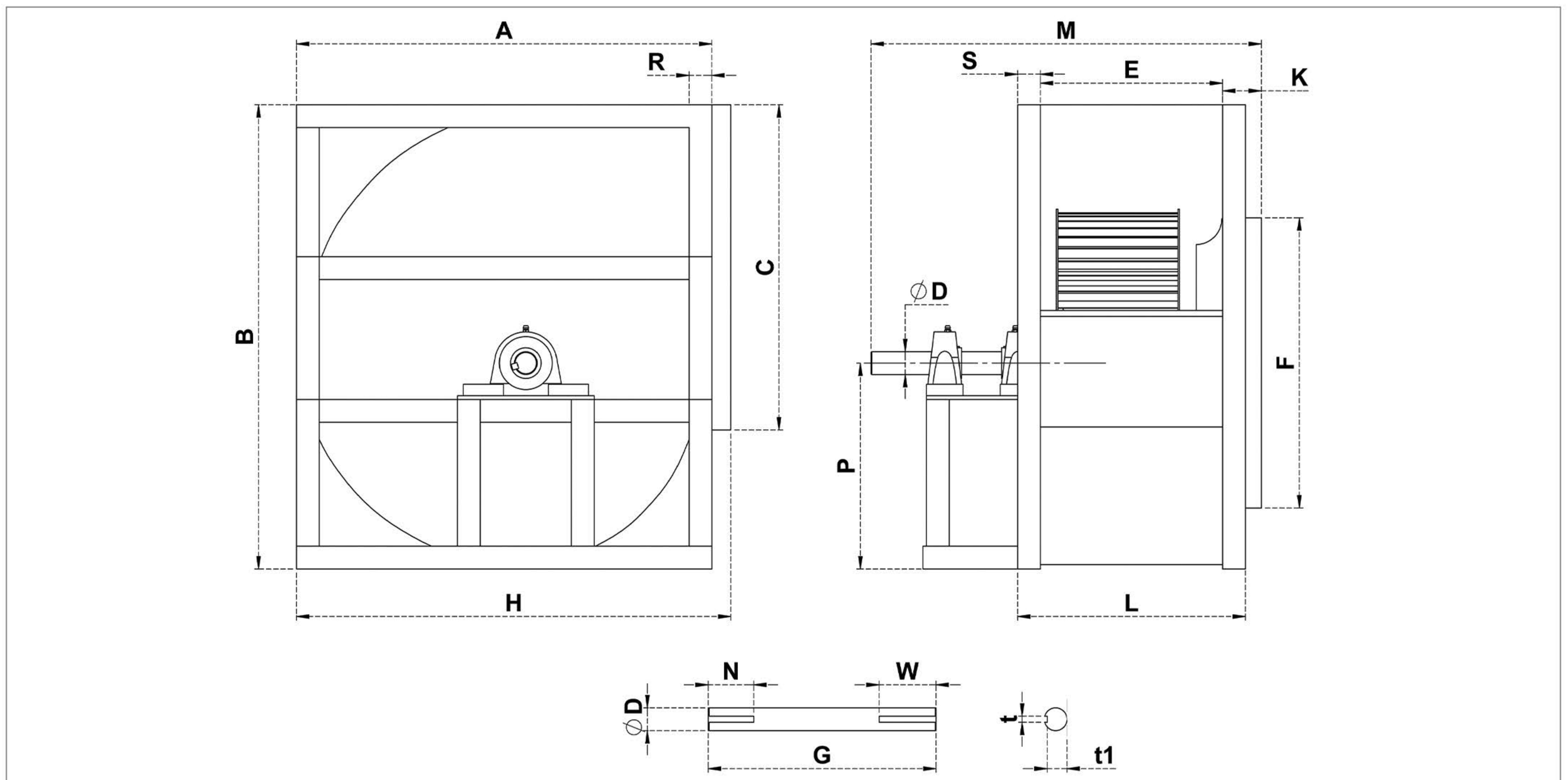
TSF - 18*6	
Housing Material	Galvanized Steel
Impeller Material	Galvanized Steel
Balance Standard	ISO 21940 GRADE 6.3
Maximum Fan Speed	1200 [RPM]
Allowable Operational Temperature	From -15 to +80 °C
Standard Air Density	1.2 kg/m ³
Dimensional Tolerance Standard	ISO 24166
Impeller Diameter	480 [mm]

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18*5

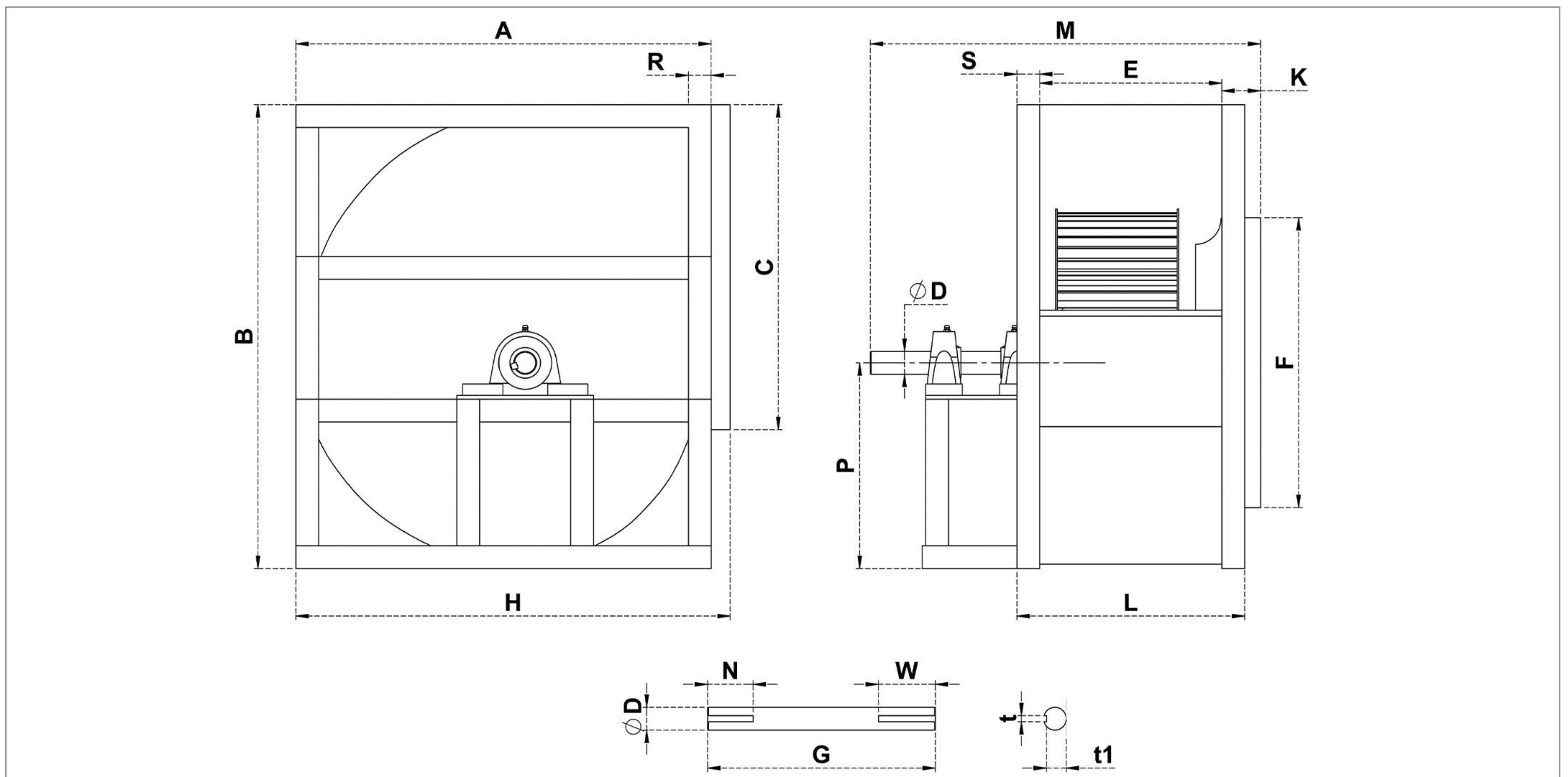




Name	A	B	C	D	E	F	G	H	K	L	R	S	t	t ₁	w
TSF-20*7.5	785	875	585	40	300	460	400	815	60	380	40	40	10	35	65

TSF - 20*7.5	
Housing Material	Galvanized Steel
Impeller Material	Galvanized Steel
Balance Standard	ISO 21940 GRADE 6.3
Maximum Fan Speed	1000 [RPM]
Allowable Operational Temperature	From -15 to +80 °C
Standard Air Density	1.2 kg/m ³
Dimensional Tolerance Standard	ISO 24166
Impeller Diameter	542 [mm]

20*7.5



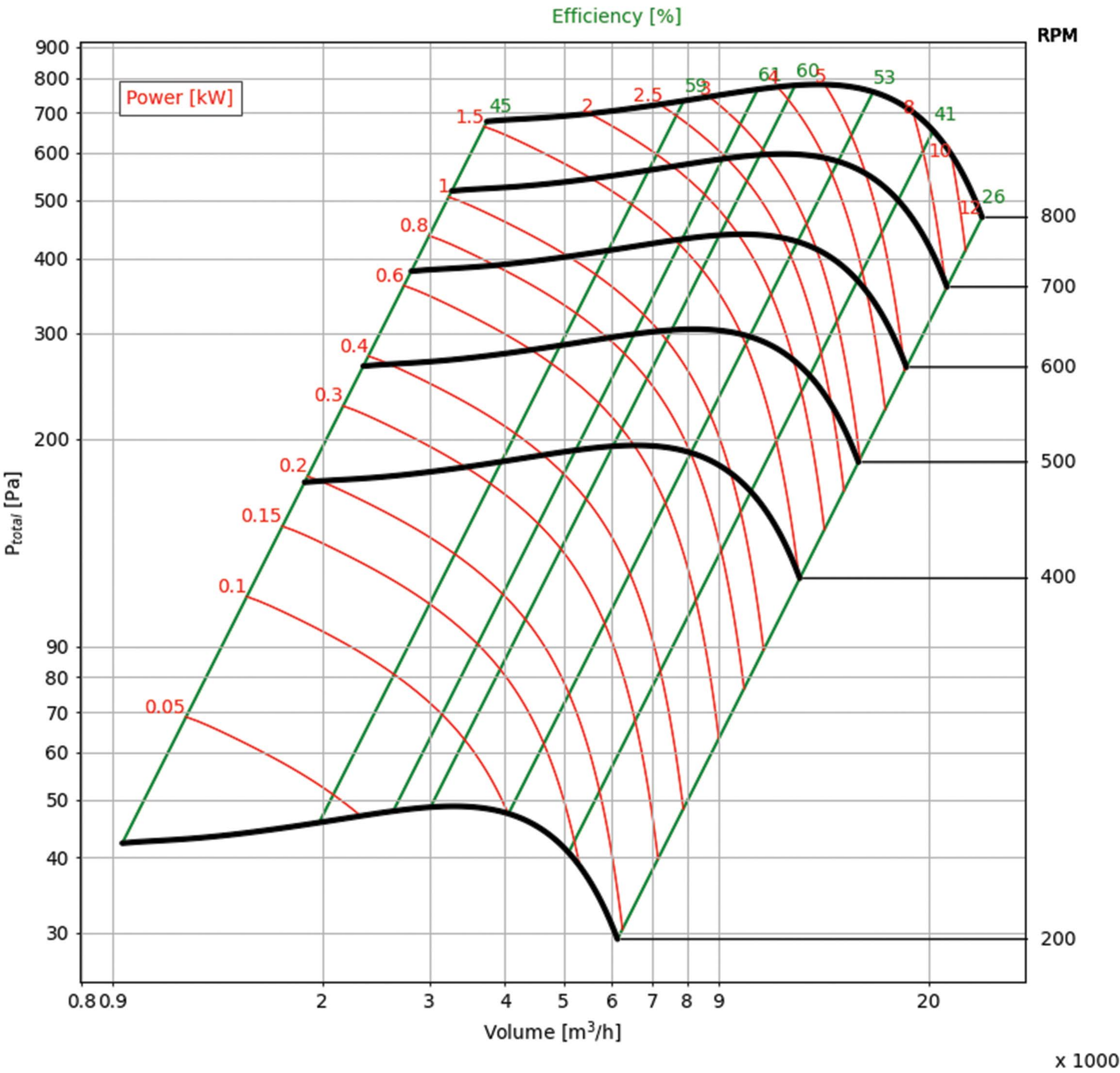
Name	A	B	C	D	E	F	G	H	K	L	R	S	t	t ₁	w
TSF-22*11	805	945	620	40	400	540	400	835	65	480	40	40	10	35	65

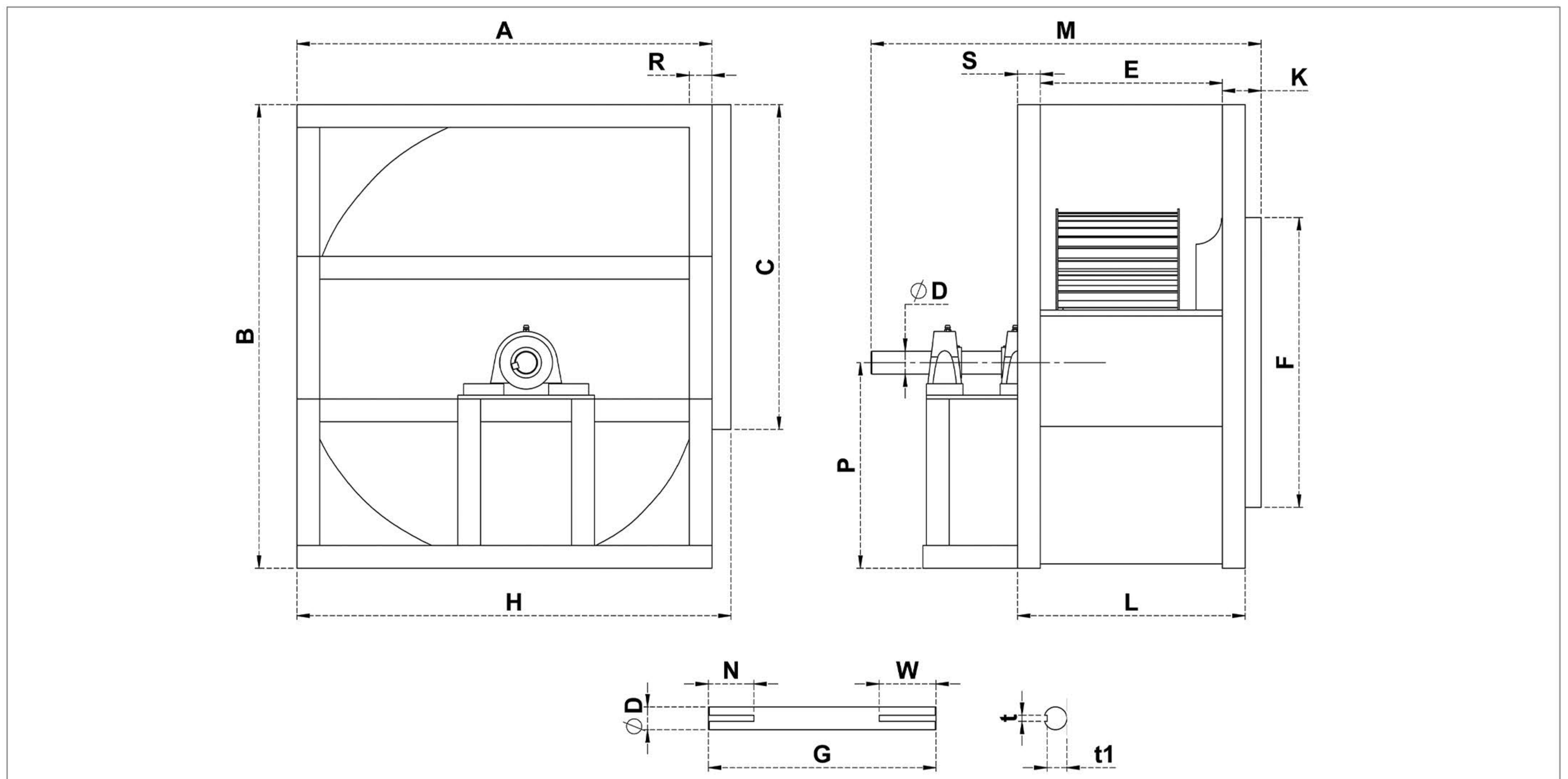
TSF - 22*11	
Housing Material	Galvanized Steel
Impeller Material	Galvanized Steel
Balance Standard	ISO 21940 GRADE 6.3
Maximum Fan Speed	1000 [RPM]
Allowable Operational Temperature	From -15 to +80 °C
Standard Air Density	1.2 kg/m ³
Dimensional Tolerance Standard	ISO 24166
Impeller Diameter	558 [mm]

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22*11





Name	A	B	C	D	E	F	G	H	K	L	R	S	t	t ₁	w
TSF-25*13	960	1140	795	40	427	575	450	1010	65	507	40	40	10	35	65

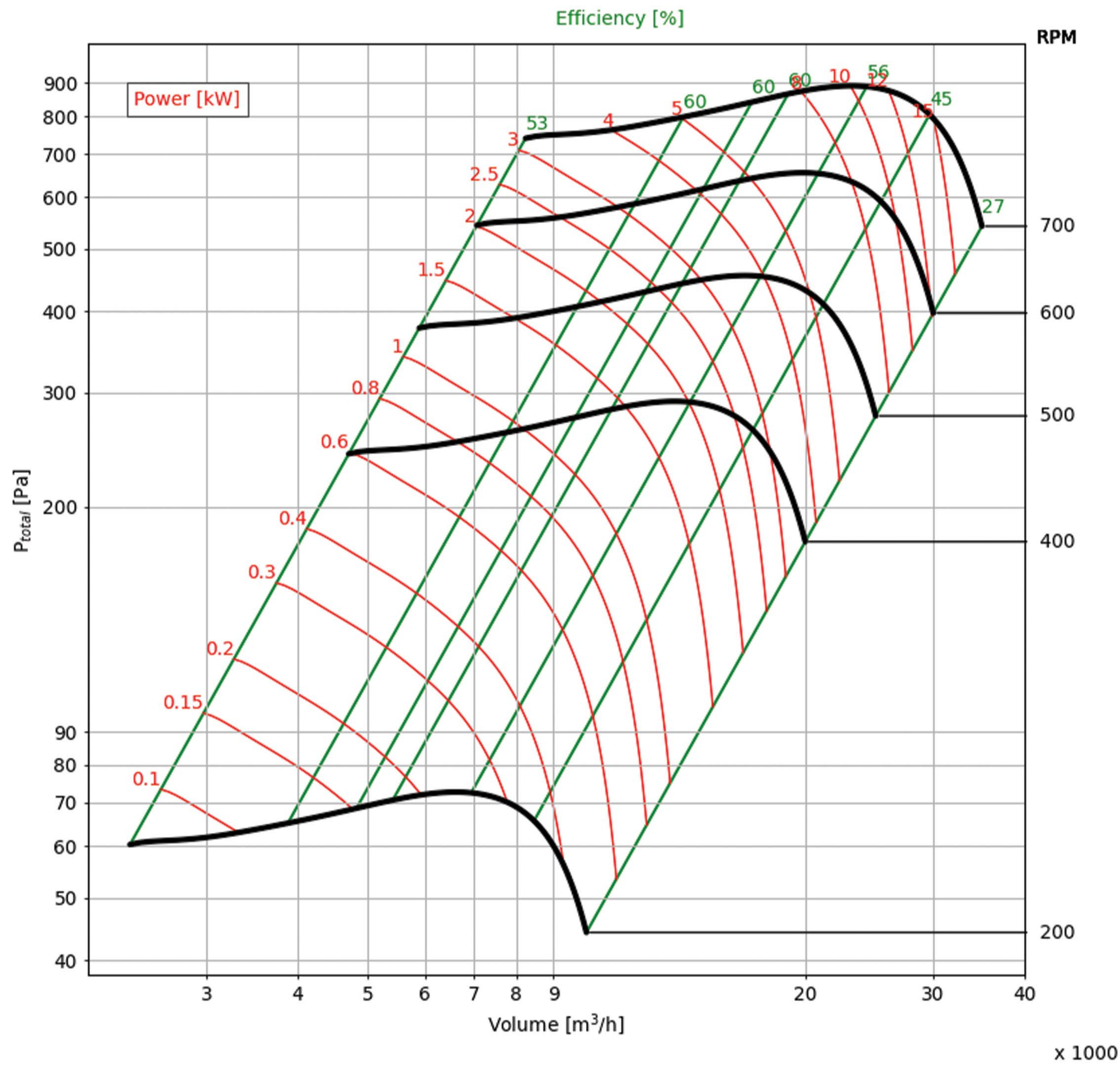
TSF - 25*13

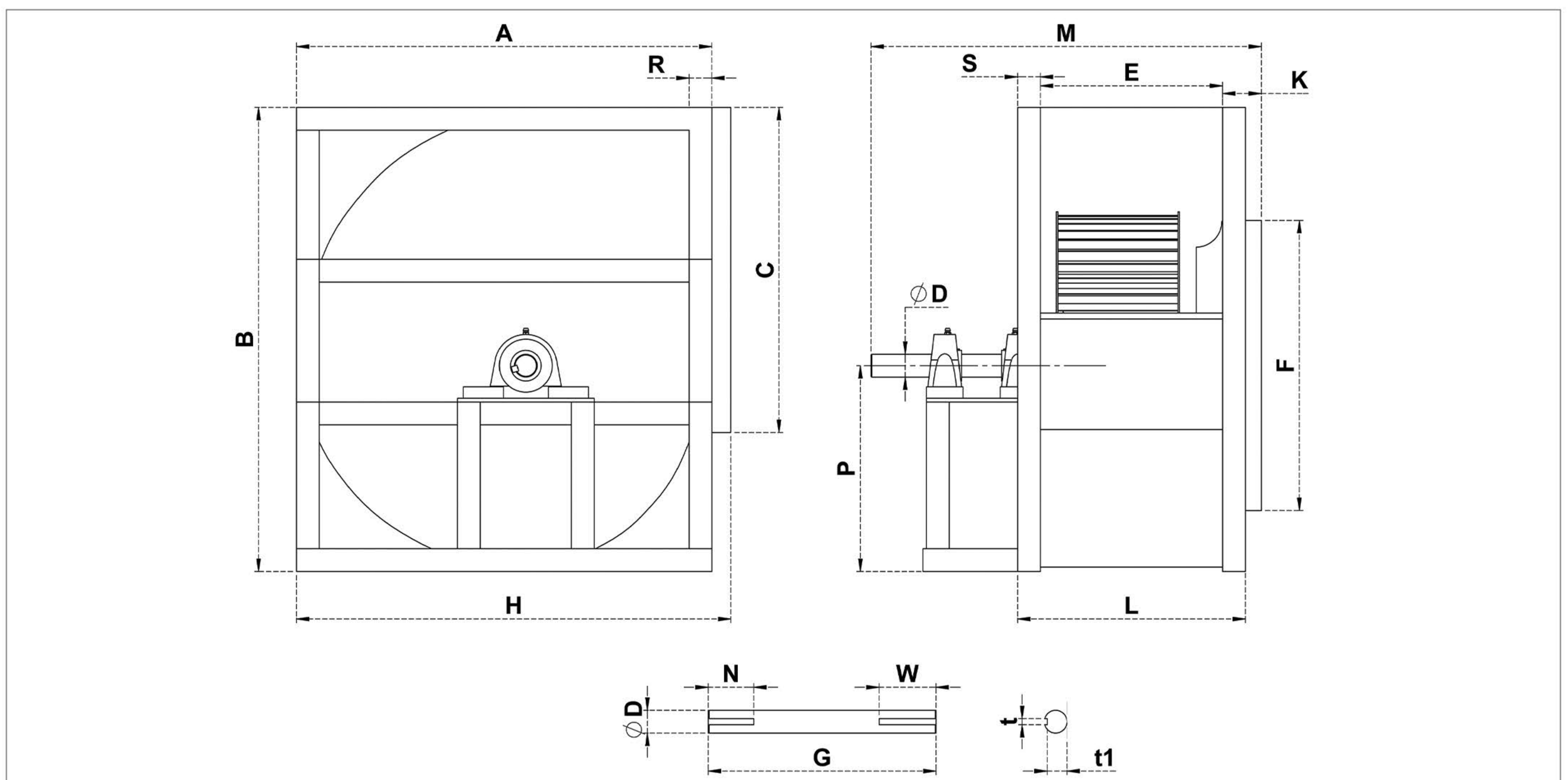
Housing Material	Galvanized Steel
Impeller Material	Galvanized Steel
Balance Standard	ISO 21940 GRADE 6.3
Maximum Fan Speed	700 [RPM]
Allowable Operational Temperature	From -15 to +80 °C
Standard Air Density	1.2 kg/m ³
Dimensional Tolerance Standard	ISO 24166
Impeller Diameter	670 [mm]

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25*13





Name	A	B	C	D	E	F	G	H	K	L	R	S	t	t ₁	w
TSF-30*14	1205	1375	933	45	440	730	500	1235	65	540	50	50	10	40	90

TSF - 30*14	
Housing Material	Galvanized Steel
Impeller Material	Galvanized Steel
Balance Standard	ISO 21940 GRADE 6.3
Maximum Fan Speed	500 [RPM]
Allowable Operational Temperature	From -15 to +80 °C
Standard Air Density	1.2 kg/m ³
Dimensional Tolerance Standard	ISO 24166
Impeller Diameter	788 [mm]

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TSF

30*14

