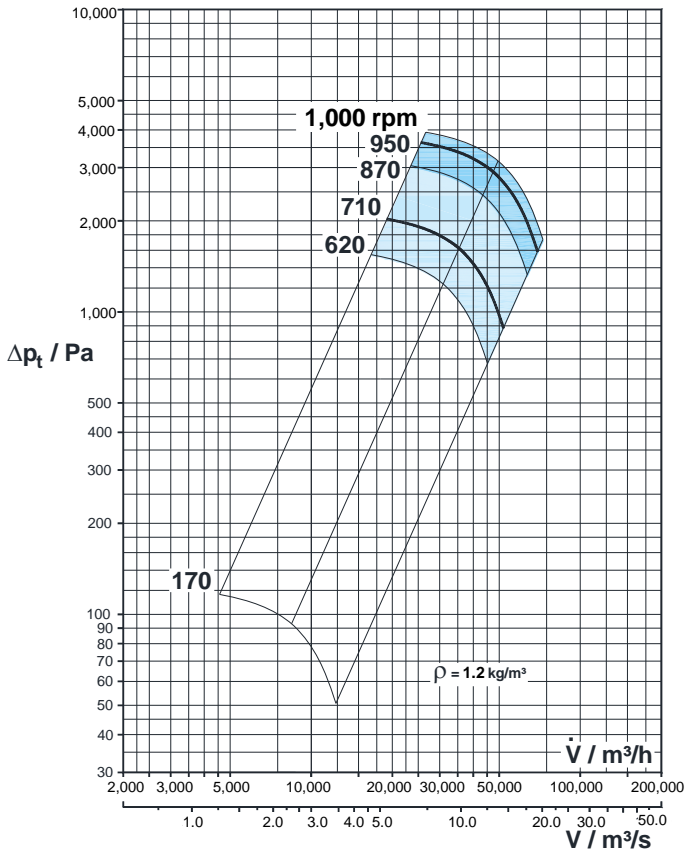
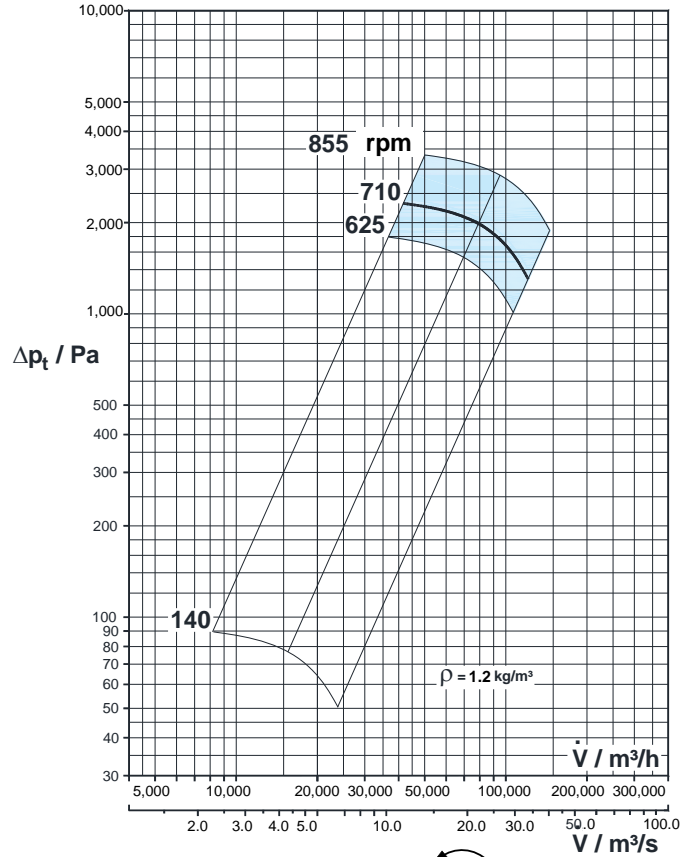




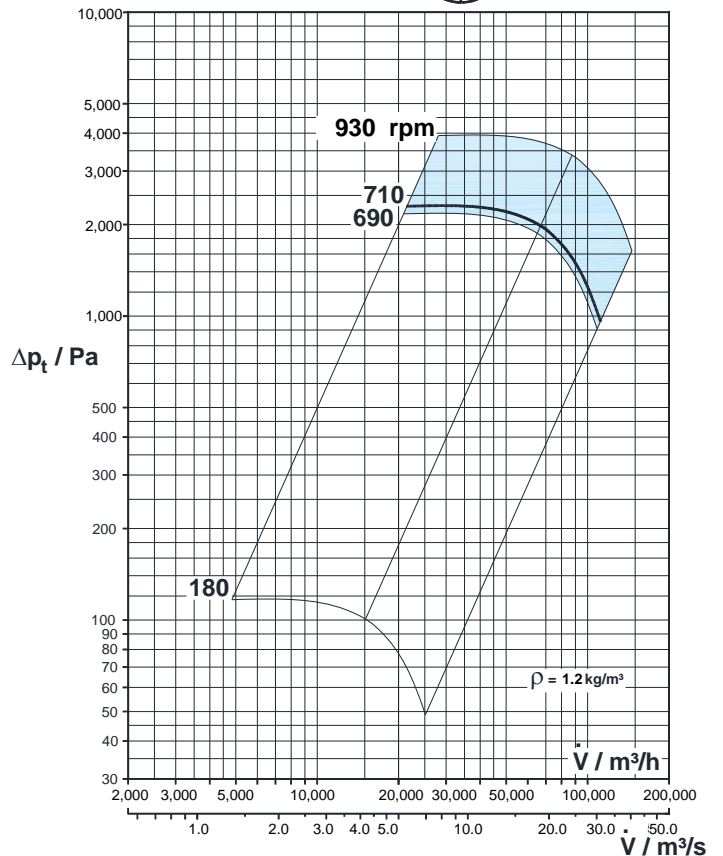
Impeller type 731



Impeller type 733



Impeller type 673



Impeller materials: GFRP CFRP

MOTOR VARIANTS for standard motor 3~400V/50Hz

(Data for other motor types e.g. single phase motors, pole changing motors or Ex motors on request)

| Fan type | Speed rpm | Power require- ment kW | Nominal motor power kW | Nominal motor current A | Weight with Motor kg | L _{A3m} dB(A) | L _{WA} dB(A) | Octave level L _{WA-Okt} / dB(A) | | | | | | | | ErP cate- gory D-total |
|------------------|---------------------|---------------------------------|---------------------------------|----------------------------------|-------------------------------|---------------------------|--------------------------|--|-----|-----|-----|------|------|------|------|---------------------------------|
| | | | | | | | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | |
| VRE 1000/731W710 | 710 | 47.2 | 55.0 | 107.0 | 1.723 | 81 | 99 | 86 | 92 | 96 | 93 | 89 | 87 | 84 | 80 | Level 2 |
| VRE 1000/731W950 | 950 | 113.0 | 132.0 | 240.0 | 2.153 | 87 | 105 | 92 | 96 | 102 | 99 | 94 | 91 | 89 | 84 | Level 2 ⁵⁾ |
| VRE 1000/731W950 | 1,000 ¹⁾ | 131.8 | 132.0 | 240.0 | 2.153 | 88 | 106 | 92 | 97 | 103 | 100 | 95 | 92 | 90 | 85 | Level 2 ⁵⁾ |
| VRE 1000/733W710 | 710 | 75.8 | 90.0 | 169.0 | 1.908 | 84 | 102 | 90 | 95 | 99 | 94 | 90 | 88 | 85 | 82 | - ³⁾ |
| VRE 1000/733W710 | 855 ¹⁾ | 132.0 | 132.0 | 245.0 | 2.143 | 88 | 106 | 95 | 99 | 103 | 98 | 84 | 91 | 89 | 85 | - ³⁾ |
| VRE 1000/673W710 | 710 | 59.1 | 75.0 | 141.0 | 1.788 | 83 | 101 | 90 | 95 | 95 | 94 | 92 | 86 | 79 | 72 | Level 2 |
| VRE 1000/673W710 | 930 ¹⁾ | 132.0 | 132.0 | 240.0 | 2.313 | 88 | 106 | 95 | 100 | 100 | 99 | 98 | 91 | 84 | 76 | Level 2 ⁴⁾ |

¹⁾ - during operation with frequency converter > 50 Hz

²⁾ - Fan does not fall within scope of ErP directive

³⁾ - Fan for moving aggressive media

⁴⁾ - When using IE2 motors

⁵⁾ - When using IE3 motors

⁶⁾ - When using IE4 motors

L_{A3m} = A - evaluated noise level at a distance of 3 m

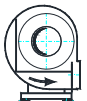

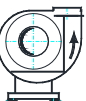
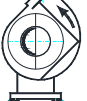
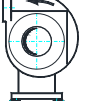

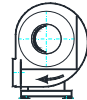

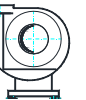
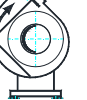
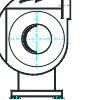

L_{WA} = A - evaluated noise level in the channel

CASING POSITIONS

The fan is available in casing positions **L** (left) and **R** (right), each in 6 different casing positions.

The position of the casing is set by the manufacturer and requires significant effort to change subsequently. The axle height specified with casing position 090R in the dimension drawing remains unchanged.

Corresponding drawings in dxf format are available on the MIETZSCH CD.

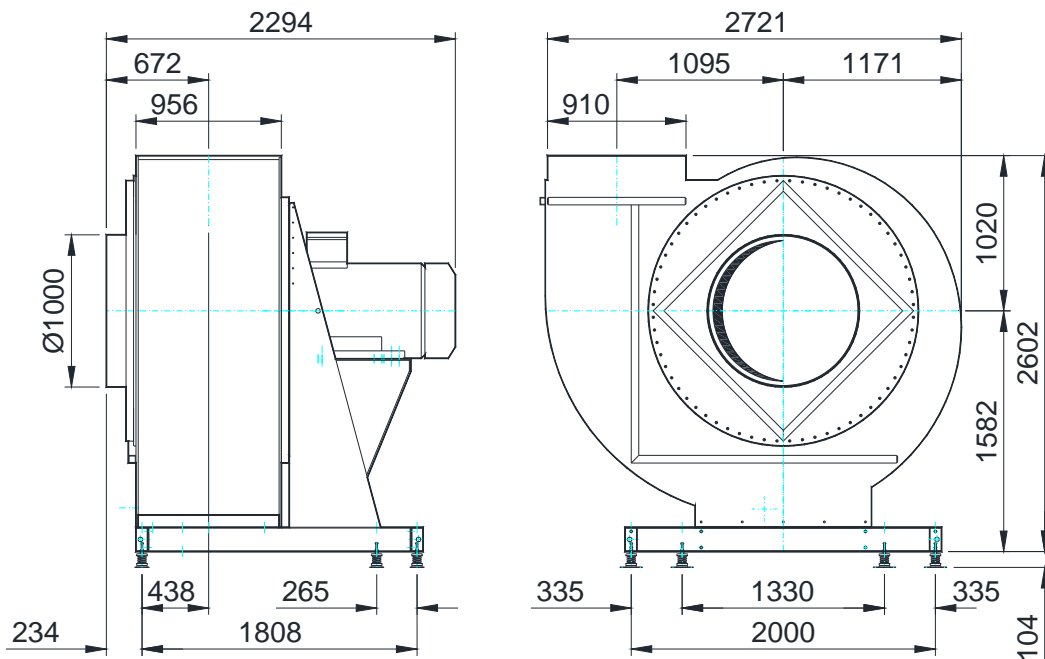
| | | | | | |
|---|---|--|---|---|---|
|  |  |  |  |  |  |
| 000L | 045L | 090L | 135L | 180L | 225L |
|  |  |  |  |  |  |
| 000R | 045R | 090R | 135R | 180R | 225R |

MAIN DIMENSIONS

Casing position 090R

Casing material: PPs, PVC, PE, PEX, PP, PPsX, PVDF

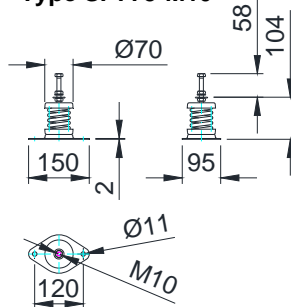
for drive power: **30kW bis 132 kW**



VIBRATION ISOLATION

The manufacturer equips all fans with a set of rubber insulators of type SP775-M10 that is designed for the size, speed and drive power of the fan.

Type SP775-M10



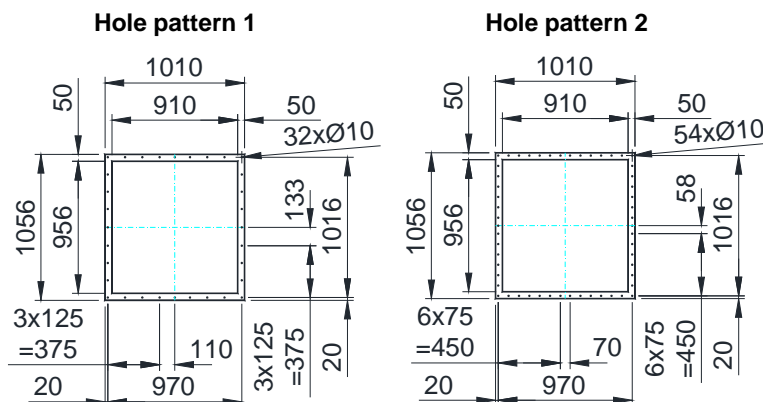
FRAME / FLANGE

Frame and flange are designed according to MIETZSCH standard MWS 54030 or MWS 53030.

Drilling pattern:

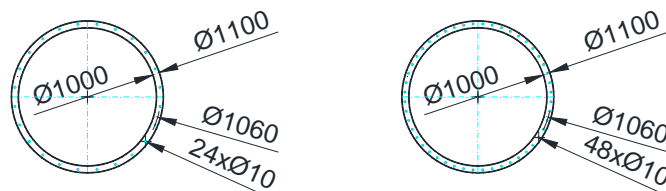
- 0 – undrilled (e.g. F0, KOF0)
- 1 – hole pattern 1 for normal requirements (e.g. KOF1)
- 2 – hole pattern 2 (double the number of screws) for high positive pressures and strong condensation (e.g. F2, KOF2)

Frame R



Models according to other standards or special designs are possible on request.

Flange F

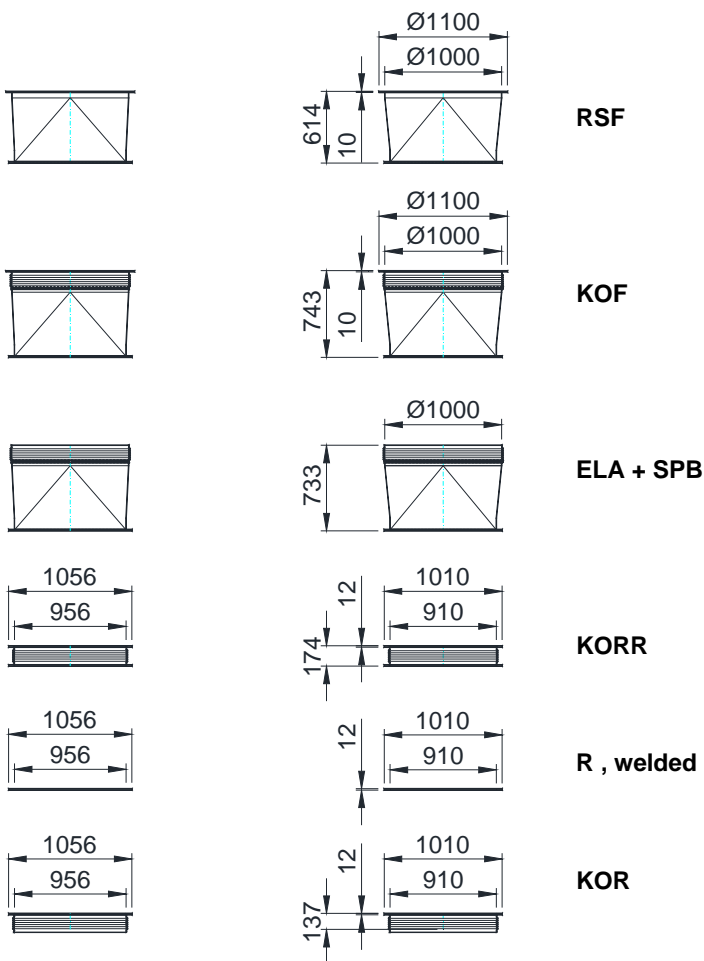


CASING CONNECTIONS

The basic model of the fan depicted under MAIN DIMENSIONS can be supplemented with a range of accessories and thus adapted optimally to the specific operating conditions. In addition to the standard range, special models and even special designs are possible on request. The variants shown in the dimension drawing therefore only cover the most frequently used casing connections and condensate drains. For detailed information, refer to the SPECIAL DESIGNS and ACCESSORIES sections.

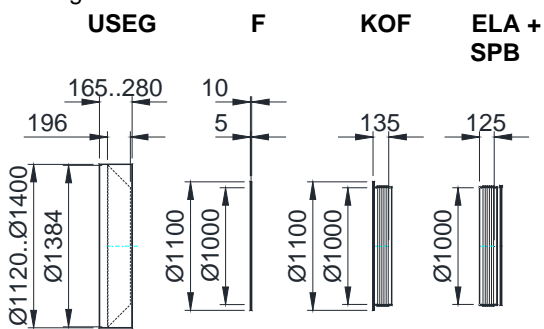
Pressure side casing connection

Casing material: PPs, PVC, PE, PEX, PP, PPsX, PVDF

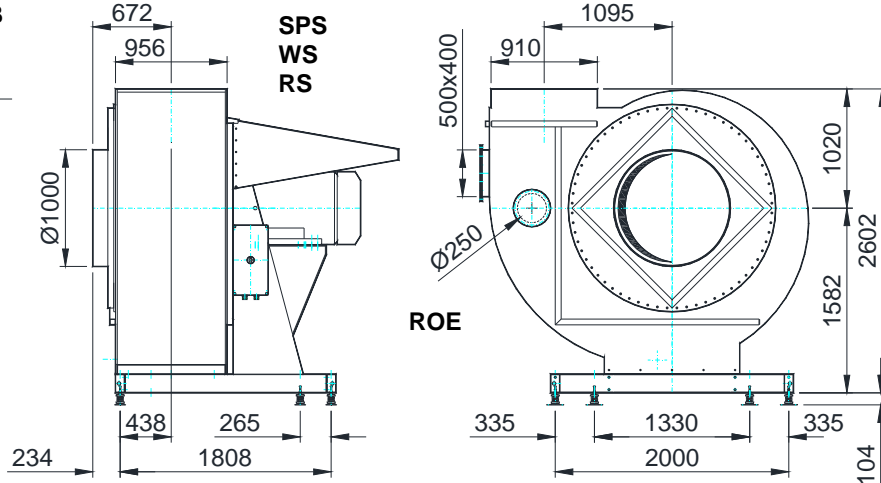


Suction side casing connection

Casing material: all



Accessories



Condensate drain

Casing material: all

