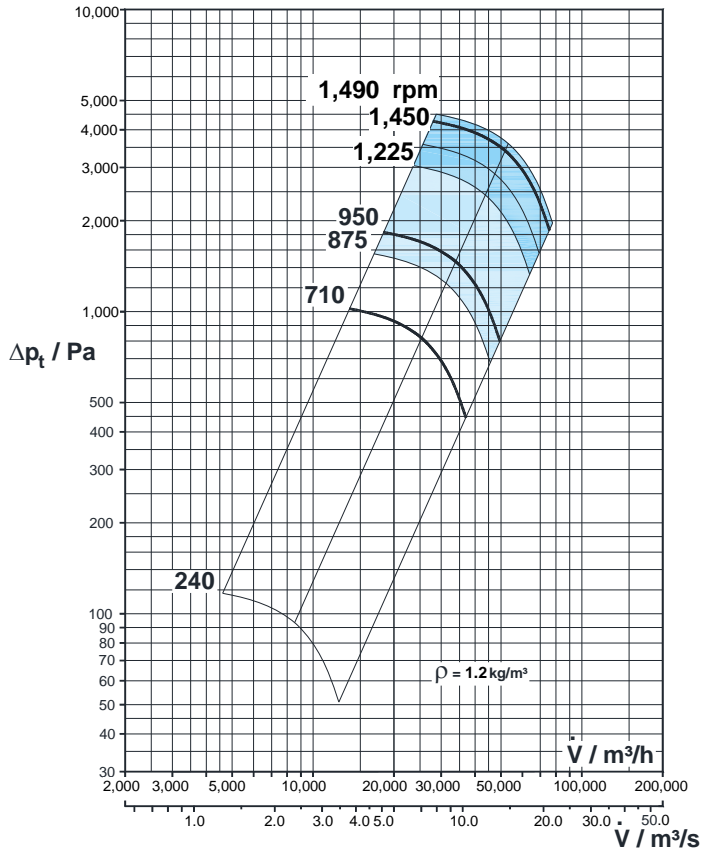
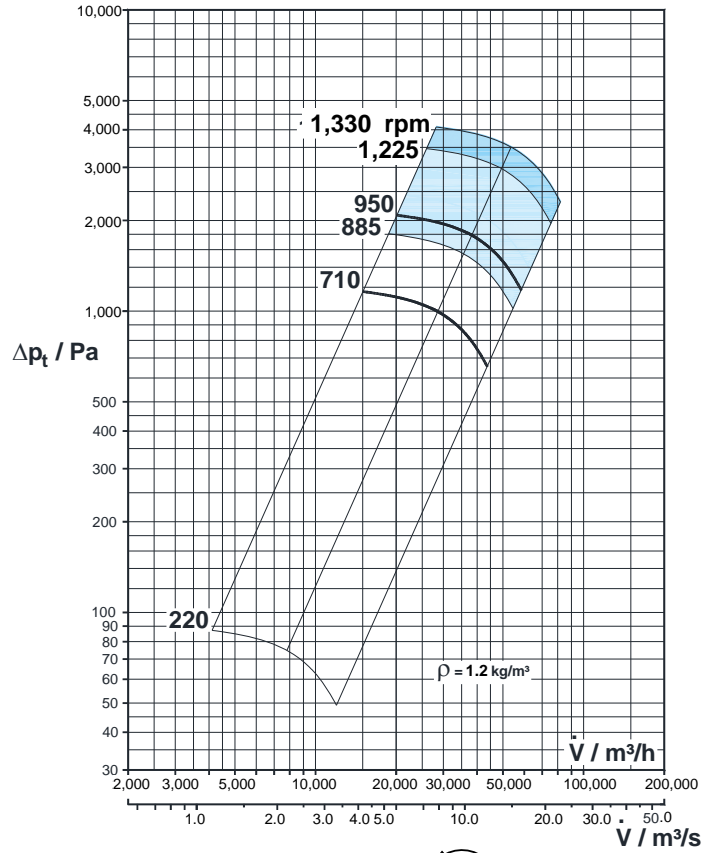




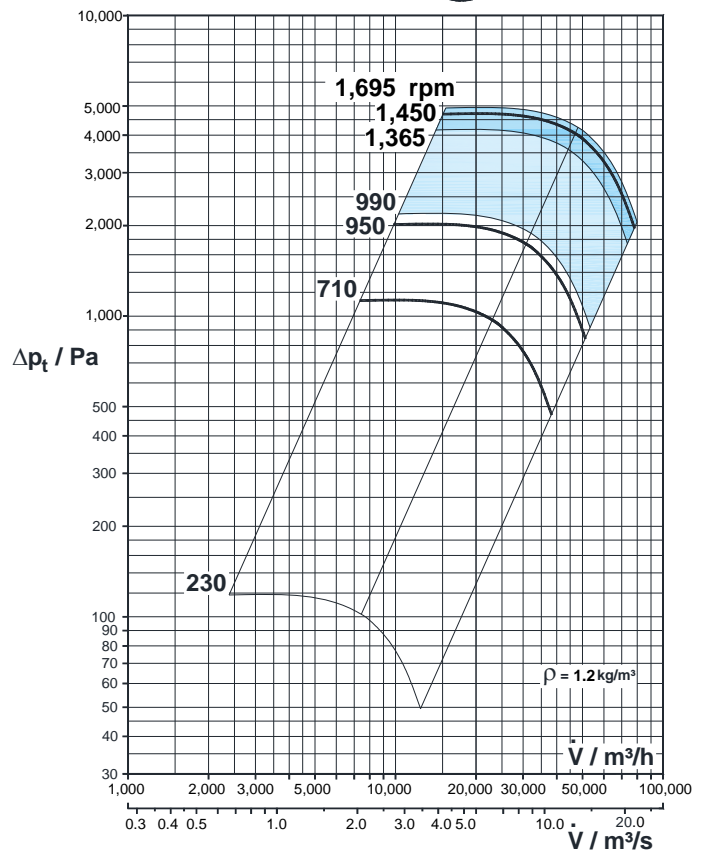
Impeller type 731



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 710/731W710	710	8.51	11.0	25.0	610	70	88	75	81	85	82	78	76	73	69	- ³⁾
VRE 710/731W950	950	20.4	22.0	43.5	712	76	94	81	85	91	88	83	80	78	73	Level 2 ⁵⁾
VRE 710/731W1450	1,450	72.5	75.0	133.0	1121	85	103	90	93	101	97	92	89	86	77	Level 2 ⁵⁾
VRE 710/731W1450	1,490 ¹⁾	78.7	90.0	157.0	1221	86	104	91	94	102	98	93	90	87	78	Level 2 ⁵⁾
VRE 710/733W710	710	13.7	15.0	32.0	658	73	91	79	84	88	83	79	77	74	71	- ³⁾
VRE 710/733W950	950	32.7	37.0	67.0	887	79	97	85	90	95	89	84	81	79	76	- ³⁾
VRE 710/733W950	1,330 ¹⁾	90.0	90.0	161.0	1442	86	104	91	95	102	96	91	88	85	79	Level 2 ⁵⁾
VRE 710/673W710	710	9.93	11.0	25.0	610	73	90	80	84	84	83	82	75	69	61	Level 2
VRE 710/673W950	950	23.8	30.0	56.0	807	78	96	86	90	90	89	88	81	75	67	Level 2 ⁵⁾
VRE 710/673W1450	1,450	84.6	90.0	157.0	1221	87	104	94	98	99	97	94	91	82	74	Level 2 ⁵⁾
VRE 710/673W1450	1,480 ¹⁾	90.0	90.0	157.0	1221	87	105	95	98	100	98	94	91	83	75	Level 2 ⁵⁾

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

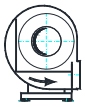

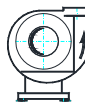

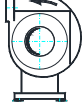

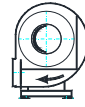
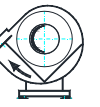
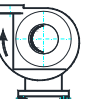



L_{WA} = A - evaluated noise level in the channel

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



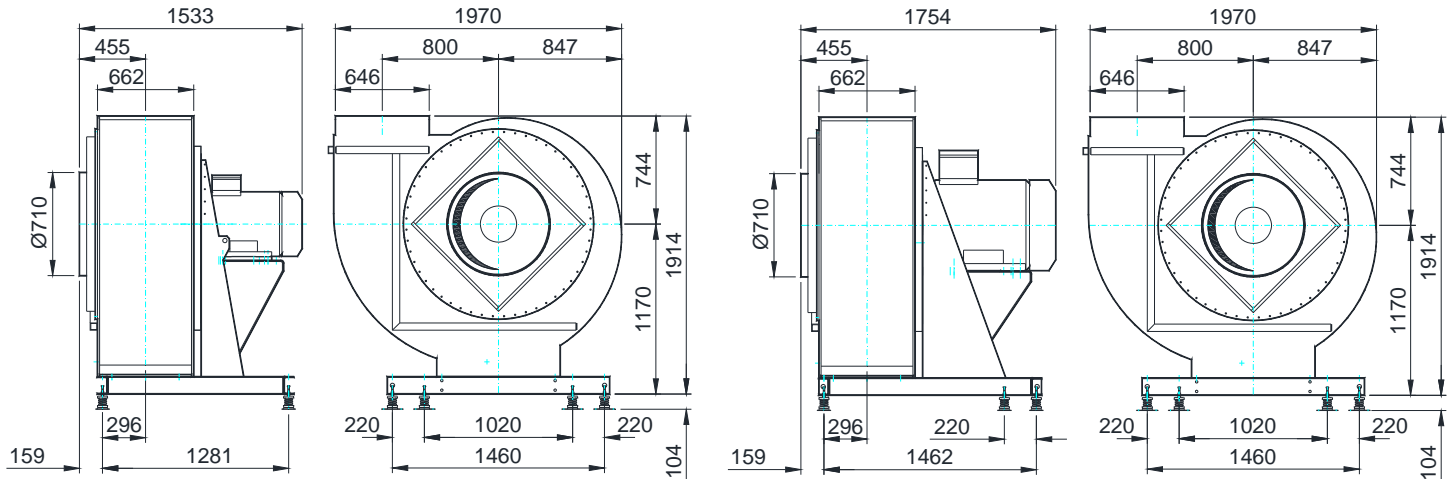
MAIN DIMENSIONS

Casing position 090R

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

for drive power: $\leq 37\text{kW}$

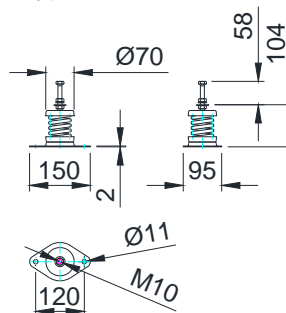
$> 37\text{ kW bis } 90\text{ kW}$



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



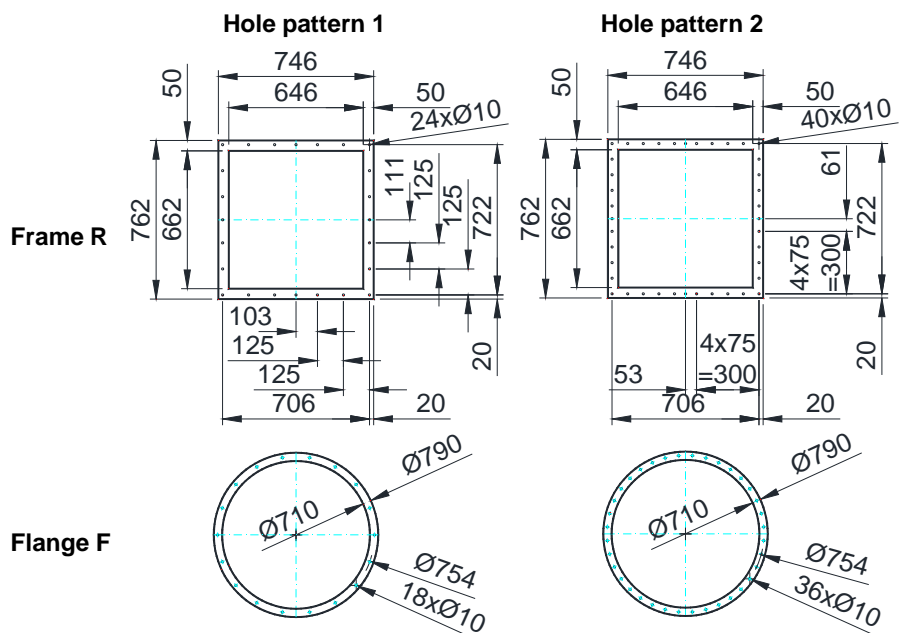
FRAME / FLANGE

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)

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

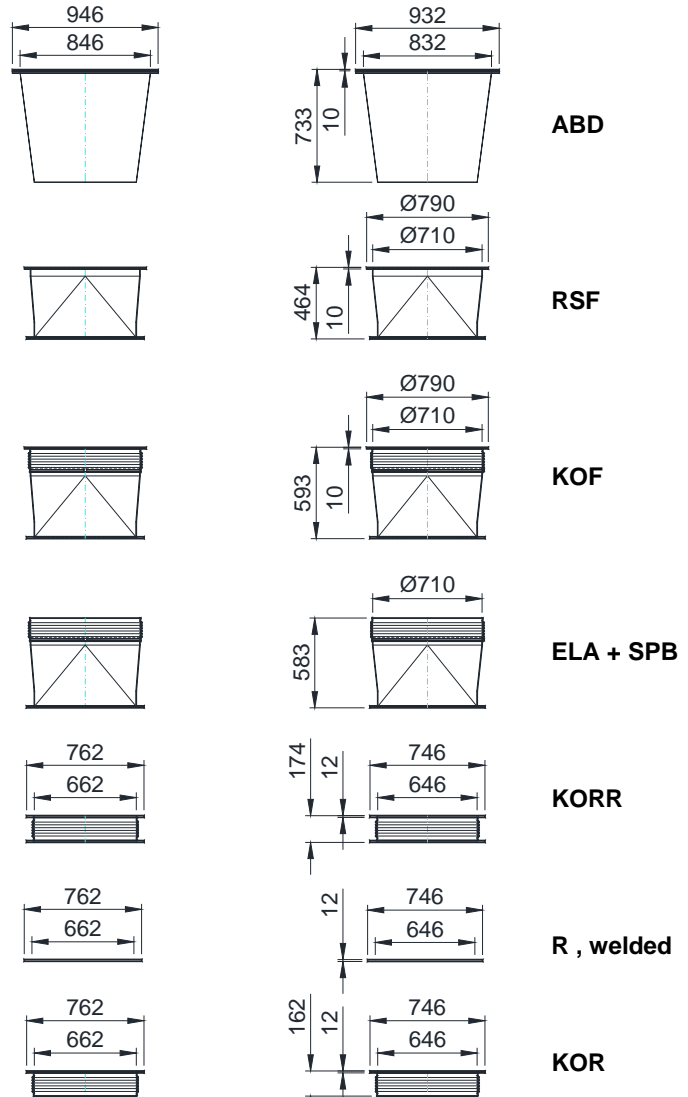


CASING CONNECTIONS

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.

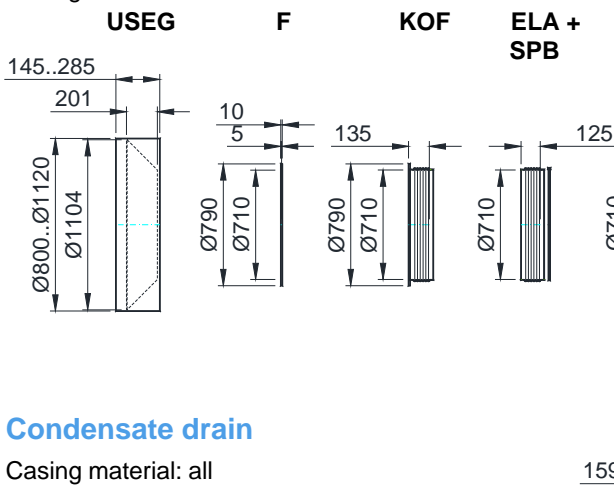
Pressure side casing connection

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

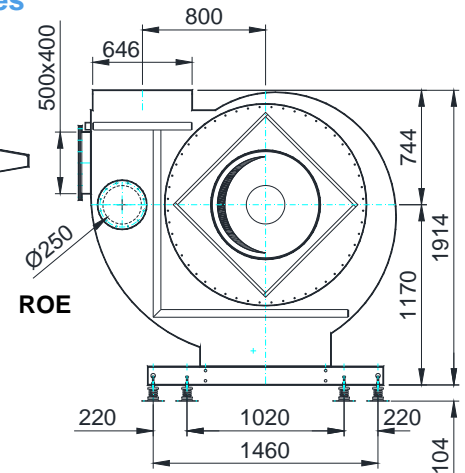


Suction side casing connection

Casing material: all



Accessories



Condensate drain

Casing material: all

