

HF TRANSFORMERS

Description:

HF Transformers are single-phase high frequency transformers.

SKYVFTR12-500-600-20kHz



TECHNICAL PARAMETERS:

Voltage on primary side 500 V
 Voltage on secondary side 600 V
 Nominal power 12 kW
 Thermal class F
 Protection class: IP54

SKYVFTR10-380-600-100kHz



TECHNICAL PARAMETERS:

Voltage on primary side 380 V
 Voltage on secondary side 600 V
 Nominal power 10 kW
 Thermal class F
 Protection class: IP00

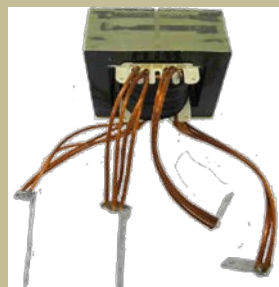
SKYVFTR60-33-600



TECHNICAL PARAMETERS:

Voltage on primary side 333 V
 Voltage on secondary side 600 V
 Nominal power 60 kW
 Thermal class F
 Protection class: IP00

SKYVFTR60-510-620



TECHNICAL PARAMETERS:

Voltage on primary side 510 V
 Voltage on secondary side 620 V
 Nominal power 60 kW
 Thermal class F
 Protection class: IP00

SKYVFTR20-350-700-25kHz



TECHNICAL PARAMETERS:

Voltage on primary side 350 V
Voltage on secondary side 700 V
Nominal power 20 kW
Thermal class F
Protection class: IP00

SKYVFTR2,4-360-2x320-20kHz-rev.1



TECHNICAL PARAMETERS:

Voltage on primary side 360 V
Voltage on secondary side 2x230 V
Nominal power 2,4 kW
Thermal class F
Protection class: IP00

SKYVFTR30-2x450-25kHz-rev.1



TECHNICAL PARAMETERS:

Voltage on primary side 450 V
Voltage on secondary side 450 V
Nominal power 30 kW
Thermal class F
Protection class: IP00

SKYVFTR85-450-675-16kHz



TECHNICAL PARAMETERS:

Voltage on primary side 450 V
Voltage on secondary side 675 V
Nominal power 85 kW
Thermal class F
Protection class: IP00

SKYVFTR3-15-360



TECHNICAL PARAMETERS:

Voltage on primary side 15 V
Voltage on secondary side 360 V
Nominal power 3 kW
Thermal class F
Protection class: IP00

SKYVFTR3-540-360



TECHNICAL PARAMETERS:

Voltage on primary side 540 V
Voltage on secondary side 360 V
Nominal power 3 kW
Thermal class F
Protection class: IP00

SKYVFTR17,5-350-35-25kHz



TECHNICAL PARAMETERS:

Voltage on primary side 350 V
Voltage on secondary side 35 V
Nominal power 17,5 kW
Thermal class F
Protection class: IP00

SKYVFTR20-200-200-8kHz



TECHNICAL PARAMETERS:

Voltage on primary side 200 V
Voltage on secondary side 200 V
Nominal power 20 kW
Thermal class F
Protection class: IP00

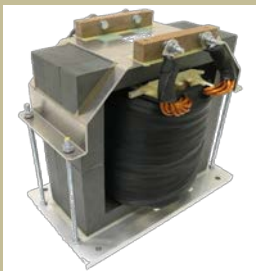
SKYVFTR35-200-660-40kHz



TECHNICAL PARAMETERS:

Voltage on primary side 200 V
Voltage on secondary side 660 V
Nominal power 35 kW
Thermal class F
Protection class: IP00

SKYVFTR200-1500-1500-6kHz



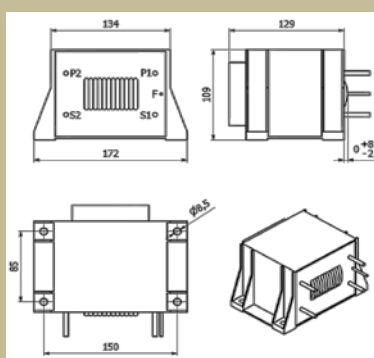
TECHNICAL PARAMETERS:

Voltage on primary side 1500 V
Voltage on secondary side 1500 V
Nominal power 200 kW
Thermal class F
Protection class: IP00

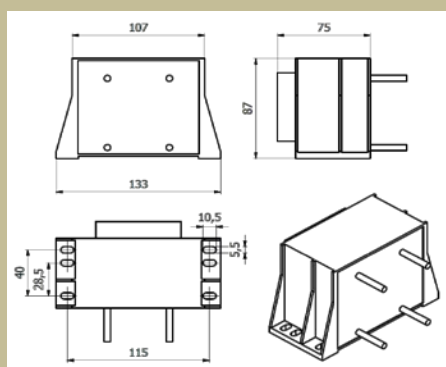
Type	Nominal power [kW]	Power loss [W]	Weight [kg]	basic dimensions [mm]					
				length	height	width	pitch	pitch	other
SKYVFTRR12-500-600-20kHz	12	41,5	5	172	109	129	150	85	Ø8,5
SKYVFTR10-380-600-100kHz	10	24	1,7	133	87	75	115	40	5,5x10,5
SKYVFTR60-333-600	60	87	13,3	240	180	158	220	80	Ø8,5
SKYVFTR60-510-620	60	92	11,5	188	153	158	-	-	-
SKYVFTR20-350-700-25kHz	20	50	5	172	109	129	150	85	Ø8,5
SKYVFTR2,4-350-2x320-20kHz-rev.1	2,4	15	1,3	101	64	90	88	62	Ø7
SKYVFTR30-2x450-25kHz-rev.1	30	67	5,5	172	109	129	150	85	Ø8,5
SKYVFTR85-450-675-16kHz	85	78,5	19	190	145	185	172	157	Ø8,5
SKYVFTR3-15-360	3	8	1	112,5	71,5	59	97,5	32,5	5,2x10
SKYVFTR3-540-360	3	8	0,9	112,5	71,5	59	97,5	32,5	5,2x10
SKYVFTR17,5-350-35-25kHz	17,5	40	6	172	109	254	150	85	Ø8,5
SKYVFTR20-200-200-8kHz	20	70	9,2	200	174	132	156	100	Ø8,5
SKYVFTR35-200-660-40kHz	35	76	6,3	170	123	129	150	85	Ø8,5
SKYVFTR200-1500-1500-6kHz	200	288	64	386	370	220	316	190	Ø11

* After a deal there is a possibility of modification of the filter construction according to the customer's request.

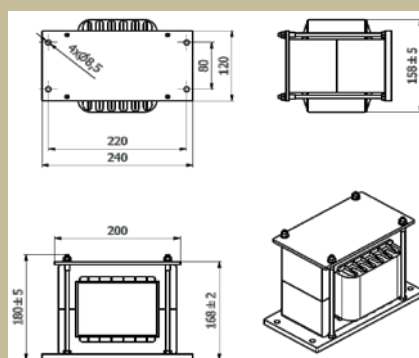
Dimensional drawing SKYVFTRR12-500-600-20kHz



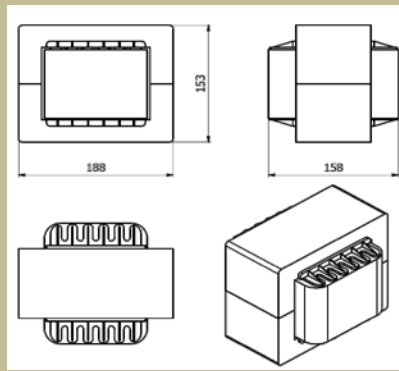
Dimensional drawing SKYVFTR10-380-600-100kHz



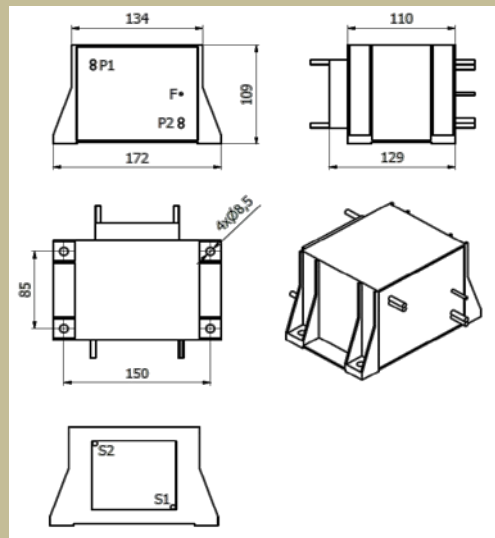
Dimensional drawing SKYVFTR60-333-600



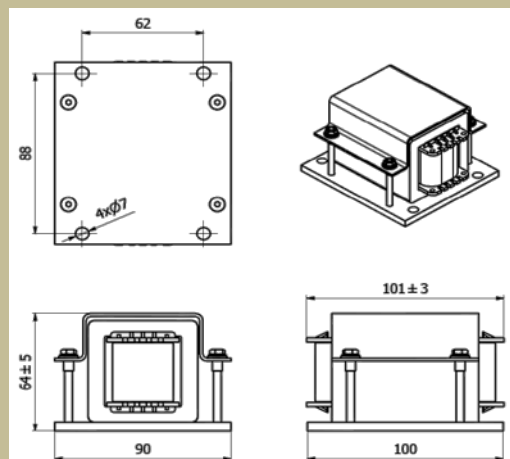
Dimensional drawing SKYVFTR60-510-620



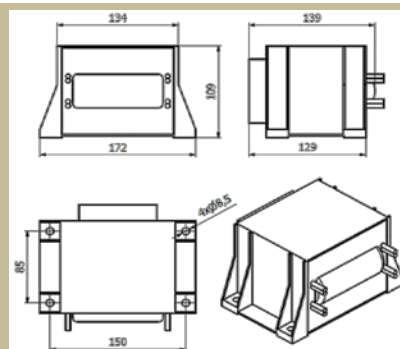
Dimensional drawing SKYVFTR20-350-700-25kHz



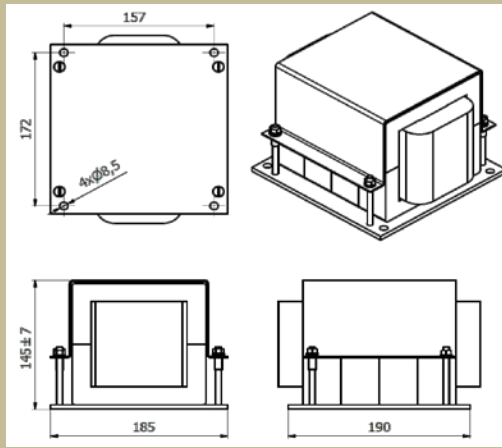
Dimensional drawing SKYVFTR2,4-360-2x320-20kHz-rev.1



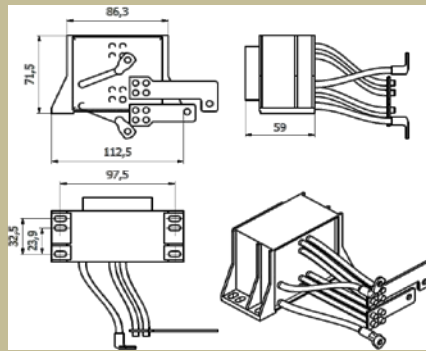
Dimensional drawing SKYVFTR30-2x450-25kHz-rev.1



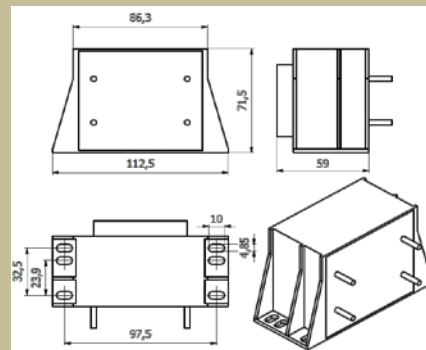
Dimensional drawing SKYVFTR85-450-675-16kHz



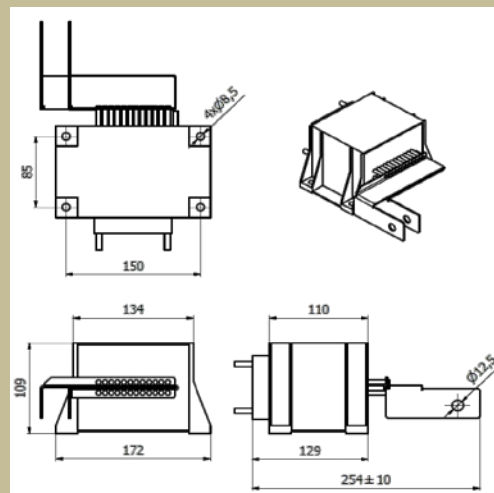
Dimensional drawing SKYVFTR3-15-360



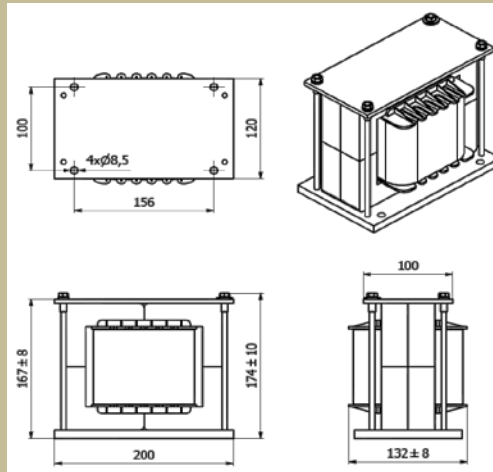
Dimensional drawing SKYVFTR3-540-360



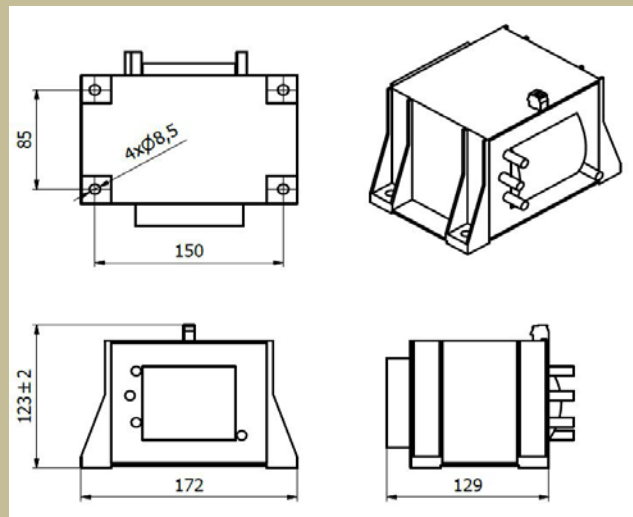
Dimensional drawing SKYVFTR17,5-350-35-25kHz



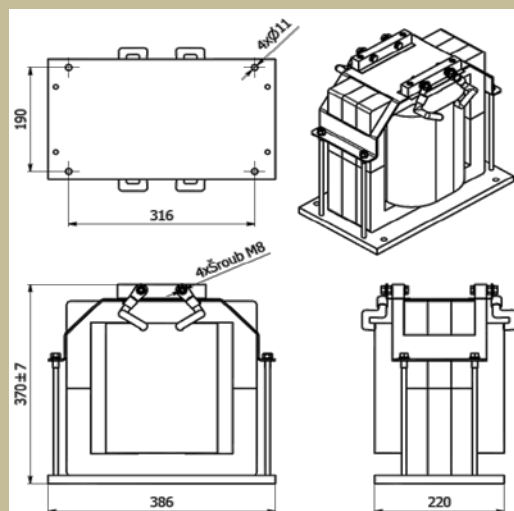
Dimensional drawing SKYVFTR20-200-200-8kHz



Dimensional drawing SKYVFTR35-200-660-40kHz



Dimensional drawing SKYVFTR200-1500-1500-6kHz



Dimensioning, wiring:

The sizing has to be done in accordance with its parameters. The power losses has to be taken into account to install the transformer properly. The heat caused by the power losses has to be dissipated by forced ventilation.

Use:

The transformer can be used as a part of SMPS.