

QDTB® TRANSFORMER

SFFZ

Special/Isolation/Control Transformers

PRODUCT DATASHEET

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SFFZ — Series Overview

The SFFZ series three-phase split-winding isolation transformers provide independent secondary windings for power plant auxiliary systems and critical isolation applications, with dry-type construction and class H insulation.

Key Features

- Split winding for independent auxiliary circuits
- Dry-type construction with class H insulation
- Three-phase isolation
- Delta-Wye connection per IEEE standards

Typical Applications

- Power plant auxiliary systems
- Industrial control and isolation
- Critical load separation

Model Number Breakdown

- S — Three-phase
- F — Split-winding construction
- Z — Isolation design for auxiliary systems

Model Specifications

256 model(s) in the SFFZ series. Weight and dimensions are typical reference values, subject to confirmation.

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †
SFFZ-0.1/0.48/0.208	0.1	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	22	55	8	4	≤33 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	0 kg	90×80×95 mm
SFFZ-0.1/0.48/0.24	0.1	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	22	55	8	4	≤33 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	0 kg	90×80×95 mm
SFFZ-0.1/0.22/0.12	0.1	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	22	55	8	4	≤33 dB(A)	H (180°C)	IEC 60076	0 kg	90×80×95 mm
SFFZ-0.1/0.38/0.22	0.1	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	22	55	8	4	≤33 dB(A)	H (180°C)	IEC 60076	0 kg	90×80×95 mm
SFFZ-0.1/10/0.4	0.1	10 kV	0.4 kV	Dyn11 (IEC)	AN	22	55	8	4	≤33 dB(A)	H (180°C)	IEC 60076	0 kg	90×80×95 mm
SFFZ-0.1/6/0.4	0.1	6 kV	0.4 kV	Dyn11 (IEC)	AN	22	55	8	4	≤33 dB(A)	H (180°C)	IEC 60076	0 kg	90×80×95 mm
SFFZ-0.1/0.66/0.38	0.1	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	22	55	8	4	≤33 dB(A)	H (180°C)	IEC 60076	0 kg	90×80×95 mm
SFFZ-0.1/0.4/0.22	0.1	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	22	55	8	4	≤33 dB(A)	H (180°C)	IEC 60076	0 kg	90×80×95 mm
SFFZ-0.2/0.48/0.208	0.2	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	44	110	8	4	≤33 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	5 kg	100×90×110 mm
SFFZ-0.2/0.48/0.24	0.2	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	44	110	8	4	≤33 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	5 kg	100×90×110 mm
SFFZ-0.2/0.22/0.12	0.2	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	44	110	8	4	≤33 dB(A)	H (180°C)	IEC 60076	5 kg	100×90×110 mm
SFFZ-0.2/0.38/0.22	0.2	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	44	110	8	4	≤33 dB(A)	H (180°C)	IEC 60076	5 kg	100×90×110 mm
SFFZ-0.2/10/0.4	0.2	10 kV	0.4 kV	Dyn11 (IEC)	AN	44	110	8	4	≤33 dB(A)	H (180°C)	IEC 60076	5 kg	100×90×110 mm
SFFZ-0.2/6/0.4	0.2	6 kV	0.4 kV	Dyn11 (IEC)	AN	44	110	8	4	≤33 dB(A)	H (180°C)	IEC 60076	5 kg	100×90×110 mm
SFFZ-0.2/0.66/0.38	0.2	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	44	110	8	4	≤33 dB(A)	H (180°C)	IEC 60076	5 kg	100×90×110 mm
SFFZ-0.2/0.4/0.22	0.2	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	44	110	8	4	≤33 dB(A)	H (180°C)	IEC 60076	5 kg	100×90×110 mm

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SFFZ-0.3/0.48/0.208	0.3	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	55	138	8	4	≤33 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	5 kg	110×100×120 mm
SFFZ-0.3/0.48/0.24	0.3	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	55	138	8	4	≤33 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	5 kg	110×100×120 mm
SFFZ-0.3/0.22/0.12	0.3	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	55	138	8	4	≤33 dB(A)	H (180°C)	IEC 60076	5 kg	110×100×120 mm
SFFZ-0.3/0.38/0.22	0.3	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	55	138	8	4	≤33 dB(A)	H (180°C)	IEC 60076	5 kg	110×100×120 mm
SFFZ-0.3/10/0.4	0.3	10 kV	0.4 kV	Dyn11 (IEC)	AN	55	138	8	4	≤33 dB(A)	H (180°C)	IEC 60076	5 kg	110×100×120 mm
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SFFZ-0.3/0.66/0.38	0.3	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	55	138	8	4	≤33 dB(A)	H (180°C)	IEC 60076	5 kg	110×100×120 mm
SFFZ-0.3/0.4/0.22	0.3	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	55	138	8	4	≤33 dB(A)	H (180°C)	IEC 60076	5 kg	110×100×120 mm
SFFZ-0.5/0.48/0.208	0.5	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	88	220	7.1	4	≤33 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	5 kg	120×110×130 mm
SFFZ-0.5/0.48/0.24	0.5	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	88	220	7.1	4	≤33 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	5 kg	120×110×130 mm
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SFFZ-0.5/0.66/0.38	0.5	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	88	220	7.1	4	≤33 dB(A)	H (180°C)	IEC 60076	5 kg	120×110×130 mm
SFFZ-0.5/0.4/0.22	0.5	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	88	220	7.1	4	≤33 dB(A)	H (180°C)	IEC 60076	5 kg	120×110×130 mm
SFFZ-1/0.48/0.208	1	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	143	358	5.5	4	≤33 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	10 kg	140×130×150 mm

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SFFZ-1/0.38/0.22	1	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	143	358	5.5	4	≤33 dB(A)	H (180°C)	IEC 60076	10 kg	140×130×150 mm
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SFFZ-1.5/0.48/0.208	1.5	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	187	468	4.8	4	≤33 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	15 kg	160×140×170 mm
SFFZ-1.5/0.48/0.24	1.5	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	187	468	4.8	4	≤33 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	15 kg	160×140×170 mm
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SFFZ-2/0.48/0.208	2	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	231	578	4.3	4	≤34 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	15 kg	170×150×180 mm
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SFFZ-2/0.38/0.22	2	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	231	578	4.3	4	≤34 dB(A)	H (180°C)	IEC 60076	15 kg	170×150×180 mm
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SFFZ-3/0.48/0.208	3	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	319	798	3.7	4	≤34 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	20 kg	190×170×200 mm
SFFZ-3/0.48/0.24	3	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	319	798	3.7	4	≤34 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	20 kg	190×170×200 mm
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SFFZ-4/0.48/0.208	4	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	385	962	3.4	4	≤34 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	25 kg	205×180×215 mm
SFFZ-4/0.48/0.24	4	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	385	962	3.4	4	≤34 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	25 kg	205×180×215 mm
SFFZ-4/0.22/0.12	4	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	385	962	3.4	4	≤34 dB(A)	H (180°C)	IEC 60076	25 kg	205×180×215 mm
SFFZ-4/0.38/0.22	4	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	385	962	3.4	4	≤34 dB(A)	H (180°C)	IEC 60076	25 kg	205×180×215 mm

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SFFZ-5/0.48/0.208	5	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	451	1128	3.1	4	≤34 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	30 kg	220×190×230 mm
SFFZ-5/0.48/0.24	5	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	451	1128	3.1	4	≤34 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	30 kg	220×190×230 mm
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SFFZ-6.3/0.48/0.208	6.3	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	539	1348	2.9	4	≤34 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	40 kg	235×205×245 mm
SFFZ-6.3/0.48/0.24	6.3	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	539	1348	2.9	4	≤34 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	40 kg	235×205×245 mm
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SFFZ-6.3/10/0.4	6.3	10 kV	0.4 kV	Dyn11 (IEC)	AN	539	1348	2.9	4	≤34 dB(A)	H (180°C)	IEC 60076	40 kg	235×205×245 mm
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SFFZ-8/0.48/0.208	8	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	638	1595	2.7	4	≤35 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	45 kg	255×225×265 mm
SFFZ-8/0.48/0.24	8	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	638	1595	2.7	4	≤35 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	45 kg	255×225×265 mm
SFFZ-8/0.22/0.12	8	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	638	1595	2.7	4	≤35 dB(A)	H (180°C)	IEC 60076	45 kg	255×225×265 mm
SFFZ-8/0.38/0.22	8	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	638	1595	2.7	4	≤35 dB(A)	H (180°C)	IEC 60076	45 kg	255×225×265 mm
SFFZ-8/10/0.4	8	10 kV	0.4 kV	Dyn11 (IEC)	AN	638	1595	2.7	4	≤35 dB(A)	H (180°C)	IEC 60076	45 kg	255×225×265 mm
SFFZ-8/6/0.4	8	6 kV	0.4 kV	Dyn11 (IEC)	AN	638	1595	2.7	4	≤35 dB(A)	H (180°C)	IEC 60076	45 kg	255×225×265 mm
SFFZ-8/0.66/0.38	8	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	638	1595	2.7	4	≤35 dB(A)	H (180°C)	IEC 60076	45 kg	255×225×265 mm
SFFZ-8/0.4/0.22	8	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	638	1595	2.7	4	≤35 dB(A)	H (180°C)	IEC 60076	45 kg	255×225×265 mm
SFFZ-10/0.48/0.208	10	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	748	1870	2.5	4	≤35 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	55 kg	280×240×290 mm
SFFZ-10/0.48/0.24	10	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	748	1870	2.5	4	≤35 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	55 kg	280×240×290 mm
SFFZ-10/0.22/0.12	10	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	748	1870	2.5	4	≤35 dB(A)	H (180°C)	IEC 60076	55 kg	280×240×290 mm
SFFZ-10/0.38/0.22	10	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	748	1870	2.5	4	≤35 dB(A)	H (180°C)	IEC 60076	55 kg	280×240×290 mm
SFFZ-10/10/0.4	10	10 kV	0.4 kV	Dyn11 (IEC)	AN	748	1870	2.5	4	≤35 dB(A)	H (180°C)	IEC 60076	55 kg	280×240×290 mm
SFFZ-10/6/0.4	10	6 kV	0.4 kV	Dyn11 (IEC)	AN	748	1870	2.5	4	≤35 dB(A)	H (180°C)	IEC 60076	55 kg	280×240×290 mm
SFFZ-10/0.66/0.38	10	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	748	1870	2.5	4	≤35 dB(A)	H (180°C)	IEC 60076	55 kg	280×240×290 mm
SFFZ-10/0.4/0.22	10	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	748	1870	2.5	4	≤35 dB(A)	H (180°C)	IEC 60076	55 kg	280×240×290 mm

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †
SFFZ-15/0.48/0.208	15	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	1001	2502	2.2	4	≤36 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	75 kg	320×270×320 mm
SFFZ-15/0.48/0.24	15	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	1001	2502	2.2	4	≤36 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	75 kg	320×270×320 mm
SFFZ-15/0.22/0.12	15	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	1001	2502	2.2	4	≤36 dB(A)	H (180°C)	IEC 60076	75 kg	320×270×320 mm
SFFZ-15/0.38/0.22	15	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	1001	2502	2.2	4	≤36 dB(A)	H (180°C)	IEC 60076	75 kg	320×270×320 mm
SFFZ-15/10/0.4	15	10 kV	0.4 kV	Dyn11 (IEC)	AN	1001	2502	2.2	4	≤36 dB(A)	H (180°C)	IEC 60076	75 kg	320×270×320 mm
SFFZ-15/6/0.4	15	6 kV	0.4 kV	Dyn11 (IEC)	AN	1001	2502	2.2	4	≤36 dB(A)	H (180°C)	IEC 60076	75 kg	320×270×320 mm
SFFZ-15/0.66/0.38	15	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	1001	2502	2.2	4	≤36 dB(A)	H (180°C)	IEC 60076	75 kg	320×270×320 mm
SFFZ-15/0.4/0.22	15	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	1001	2502	2.2	4	≤36 dB(A)	H (180°C)	IEC 60076	75 kg	320×270×320 mm
SFFZ-20/0.48/0.208	20	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	1232	3080	2	4	≤36 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	90 kg	350×300×350 mm
SFFZ-20/0.48/0.24	20	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	1232	3080	2	4	≤36 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	90 kg	350×300×350 mm
SFFZ-20/0.22/0.12	20	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	1232	3080	2	4	≤36 dB(A)	H (180°C)	IEC 60076	90 kg	350×300×350 mm
SFFZ-20/0.38/0.22	20	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	1232	3080	2	4	≤36 dB(A)	H (180°C)	IEC 60076	90 kg	350×300×350 mm
SFFZ-20/10/0.4	20	10 kV	0.4 kV	Dyn11 (IEC)	AN	1232	3080	2	4	≤36 dB(A)	H (180°C)	IEC 60076	90 kg	350×300×350 mm
SFFZ-20/6/0.4	20	6 kV	0.4 kV	Dyn11 (IEC)	AN	1232	3080	2	4	≤36 dB(A)	H (180°C)	IEC 60076	90 kg	350×300×350 mm
SFFZ-20/0.66/0.38	20	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	1232	3080	2	4	≤36 dB(A)	H (180°C)	IEC 60076	90 kg	350×300×350 mm
SFFZ-20/0.4/0.22	20	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	1232	3080	2	4	≤36 dB(A)	H (180°C)	IEC 60076	90 kg	350×300×350 mm
SFFZ-25/0.48/0.208	25	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	1452	3630	1.9	4	≤37 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	110 kg	375×320×370 mm

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †
SFFZ-25/0.48/0.24	25	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	1452	3630	1.9	4	≤37 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	110 kg	375×320×370 mm
SFFZ-25/0.22/0.12	25	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	1452	3630	1.9	4	≤37 dB(A)	H (180°C)	IEC 60076	110 kg	375×320×370 mm
SFFZ-25/0.38/0.22	25	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	1452	3630	1.9	4	≤37 dB(A)	H (180°C)	IEC 60076	110 kg	375×320×370 mm
SFFZ-25/10/0.4	25	10 kV	0.4 kV	Dyn11 (IEC)	AN	1452	3630	1.9	4	≤37 dB(A)	H (180°C)	IEC 60076	110 kg	375×320×370 mm
SFFZ-25/6/0.4	25	6 kV	0.4 kV	Dyn11 (IEC)	AN	1452	3630	1.9	4	≤37 dB(A)	H (180°C)	IEC 60076	110 kg	375×320×370 mm
SFFZ-25/0.66/0.38	25	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	1452	3630	1.9	4	≤37 dB(A)	H (180°C)	IEC 60076	110 kg	375×320×370 mm
SFFZ-25/0.4/0.22	25	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	1452	3630	1.9	4	≤37 dB(A)	H (180°C)	IEC 60076	110 kg	375×320×370 mm
SFFZ-30/0.48/0.208	30	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	1650	4125	1.8	4	≤37 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	130 kg	400×340×390 mm
SFFZ-30/0.48/0.24	30	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	1650	4125	1.8	4	≤37 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	130 kg	400×340×390 mm
SFFZ-30/0.22/0.12	30	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	1650	4125	1.8	4	≤37 dB(A)	H (180°C)	IEC 60076	130 kg	400×340×390 mm
SFFZ-30/0.38/0.22	30	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	1650	4125	1.8	4	≤37 dB(A)	H (180°C)	IEC 60076	130 kg	400×340×390 mm
SFFZ-30/10/0.4	30	10 kV	0.4 kV	Dyn11 (IEC)	AN	1650	4125	1.8	4	≤37 dB(A)	H (180°C)	IEC 60076	130 kg	400×340×390 mm
SFFZ-30/6/0.4	30	6 kV	0.4 kV	Dyn11 (IEC)	AN	1650	4125	1.8	4	≤37 dB(A)	H (180°C)	IEC 60076	130 kg	400×340×390 mm
SFFZ-30/0.66/0.38	30	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	1650	4125	1.8	4	≤37 dB(A)	H (180°C)	IEC 60076	130 kg	400×340×390 mm
SFFZ-30/0.4/0.22	30	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	1650	4125	1.8	4	≤37 dB(A)	H (180°C)	IEC 60076	130 kg	400×340×390 mm
SFFZ-40/0.48/0.208	40	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	2035	5088	1.6	4	≤38 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	165 kg	425×360×420 mm
SFFZ-40/0.48/0.24	40	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	2035	5088	1.6	4	≤38 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	165 kg	425×360×420 mm

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †
SFFZ-40/0.22/0.12	40	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	2035	5088	1.6	4	≤38 dB(A)	H (180°C)	IEC 60076	165 kg	425×360×420 mm
SFFZ-40/0.38/0.22	40	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	2035	5088	1.6	4	≤38 dB(A)	H (180°C)	IEC 60076	165 kg	425×360×420 mm
SFFZ-40/10/0.4	40	10 kV	0.4 kV	Dyn11 (IEC)	AN	2035	5088	1.6	4	≤38 dB(A)	H (180°C)	IEC 60076	165 kg	425×360×420 mm
SFFZ-40/6/0.4	40	6 kV	0.4 kV	Dyn11 (IEC)	AN	2035	5088	1.6	4	≤38 dB(A)	H (180°C)	IEC 60076	165 kg	425×360×420 mm
SFFZ-40/0.66/0.38	40	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	2035	5088	1.6	4	≤38 dB(A)	H (180°C)	IEC 60076	165 kg	425×360×420 mm
SFFZ-40/0.4/0.22	40	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	2035	5088	1.6	4	≤38 dB(A)	H (180°C)	IEC 60076	165 kg	425×360×420 mm
SFFZ-50/0.48/0.208	50	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	2387	5968	1.5	4	≤38 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	200 kg	450×380×450 mm
SFFZ-50/0.48/0.24	50	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	2387	5968	1.5	4	≤38 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	200 kg	450×380×450 mm
SFFZ-50/0.22/0.12	50	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	2387	5968	1.5	4	≤38 dB(A)	H (180°C)	IEC 60076	200 kg	450×380×450 mm
SFFZ-50/0.38/0.22	50	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	2387	5968	1.5	4	≤38 dB(A)	H (180°C)	IEC 60076	200 kg	450×380×450 mm
SFFZ-50/10/0.4	50	10 kV	0.4 kV	Dyn11 (IEC)	AN	2387	5968	1.5	4	≤38 dB(A)	H (180°C)	IEC 60076	200 kg	450×380×450 mm
SFFZ-50/6/0.4	50	6 kV	0.4 kV	Dyn11 (IEC)	AN	2387	5968	1.5	4	≤38 dB(A)	H (180°C)	IEC 60076	200 kg	450×380×450 mm
SFFZ-50/0.66/0.38	50	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	2387	5968	1.5	4	≤38 dB(A)	H (180°C)	IEC 60076	200 kg	450×380×450 mm
SFFZ-50/0.4/0.22	50	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	2387	5968	1.5	4	≤38 dB(A)	H (180°C)	IEC 60076	200 kg	450×380×450 mm
SFFZ-63/0.48/0.208	63	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	2827	7068	1.5	4	≤39 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	240 kg	475×400×475 mm
SFFZ-63/0.48/0.24	63	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	2827	7068	1.5	4	≤39 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	240 kg	475×400×475 mm
SFFZ-63/0.22/0.12	63	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	2827	7068	1.5	4	≤39 dB(A)	H (180°C)	IEC 60076	240 kg	475×400×475 mm
SFFZ-63/0.38/0.22	63	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	2827	7068	1.5	4	≤39 dB(A)	H (180°C)	IEC 60076	240 kg	475×400×475 mm

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †
SFFZ-63/10/0.4	63	10 kV	0.4 kV	Dyn11 (IEC)	AN	2827	7068	1.5	4	≤39 dB(A)	H (180°C)	IEC 60076	240 kg	475×400×475 mm
SFFZ-63/6/0.4	63	6 kV	0.4 kV	Dyn11 (IEC)	AN	2827	7068	1.5	4	≤39 dB(A)	H (180°C)	IEC 60076	240 kg	475×400×475 mm
SFFZ-63/0.66/0.38	63	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	2827	7068	1.5	4	≤39 dB(A)	H (180°C)	IEC 60076	240 kg	475×400×475 mm
SFFZ-63/0.4/0.22	63	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	2827	7068	1.5	4	≤39 dB(A)	H (180°C)	IEC 60076	240 kg	475×400×475 mm
SFFZ-80/0.48/0.208	80	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	3355	8388	1.4	4	≤40 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	295 kg	510×430×510 mm
SFFZ-80/0.48/0.24	80	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	3355	8388	1.4	4	≤40 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	295 kg	510×430×510 mm
SFFZ-80/0.22/0.12	80	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	3355	8388	1.4	4	≤40 dB(A)	H (180°C)	IEC 60076	295 kg	510×430×510 mm
SFFZ-80/0.38/0.22	80	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	3355	8388	1.4	4	≤40 dB(A)	H (180°C)	IEC 60076	295 kg	510×430×510 mm
SFFZ-80/10/0.4	80	10 kV	0.4 kV	Dyn11 (IEC)	AN	3355	8388	1.4	4	≤40 dB(A)	H (180°C)	IEC 60076	295 kg	510×430×510 mm
SFFZ-80/6/0.4	80	6 kV	0.4 kV	Dyn11 (IEC)	AN	3355	8388	1.4	4	≤40 dB(A)	H (180°C)	IEC 60076	295 kg	510×430×510 mm
SFFZ-80/0.66/0.38	80	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	3355	8388	1.4	4	≤40 dB(A)	H (180°C)	IEC 60076	295 kg	510×430×510 mm
SFFZ-80/0.4/0.22	80	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	3355	8388	1.4	4	≤40 dB(A)	H (180°C)	IEC 60076	295 kg	510×430×510 mm
SFFZ-100/0.48/0.208	100	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	3938	9845	1.3	4	≤40 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	350 kg	550×460×550 mm
SFFZ-100/0.48/0.24	100	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	3938	9845	1.3	4	≤40 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	350 kg	550×460×550 mm
SFFZ-100/0.22/0.12	100	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	3938	9845	1.3	4	≤40 dB(A)	H (180°C)	IEC 60076	350 kg	550×460×550 mm
SFFZ-100/0.38/0.22	100	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	3938	9845	1.3	4	≤40 dB(A)	H (180°C)	IEC 60076	350 kg	550×460×550 mm
SFFZ-100/10/0.4	100	10 kV	0.4 kV	Dyn11 (IEC)	AN	3938	9845	1.3	4	≤40 dB(A)	H (180°C)	IEC 60076	350 kg	550×460×550 mm
SFFZ-100/6/0.4	100	6 kV	0.4 kV	Dyn11 (IEC)	AN	3938	9845	1.3	4	≤40 dB(A)	H (180°C)	IEC 60076	350 kg	550×460×550 mm

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †
SFFZ-100/0.66/0.38	100	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	3938	9845	1.3	4	≤40 dB(A)	H (180°C)	IEC 60076	350 kg	550×460×550 mm
SFFZ-100/0.4/0.22	100	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	3938	9845	1.3	4	≤40 dB(A)	H (180°C)	IEC 60076	350 kg	550×460×550 mm
SFFZ-125/0.48/0.208	125	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	4620	11550	1.2	6	≤41 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	420 kg	570×475×570 mm
SFFZ-125/0.48/0.24	125	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	4620	11550	1.2	6	≤41 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	420 kg	570×475×570 mm
SFFZ-125/0.22/0.12	125	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	4620	11550	1.2	6	≤41 dB(A)	H (180°C)	IEC 60076	420 kg	570×475×570 mm
SFFZ-125/0.38/0.22	125	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	4620	11550	1.2	6	≤41 dB(A)	H (180°C)	IEC 60076	420 kg	570×475×570 mm
SFFZ-125/10/0.4	125	10 kV	0.4 kV	Dyn11 (IEC)	AN	4620	11550	1.2	6	≤41 dB(A)	H (180°C)	IEC 60076	420 kg	570×475×570 mm
SFFZ-125/6/0.4	125	6 kV	0.4 kV	Dyn11 (IEC)	AN	4620	11550	1.2	6	≤41 dB(A)	H (180°C)	IEC 60076	420 kg	570×475×570 mm
SFFZ-125/0.66/0.38	125	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	4620	11550	1.2	6	≤41 dB(A)	H (180°C)	IEC 60076	420 kg	570×475×570 mm
SFFZ-125/0.4/0.22	125	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	4620	11550	1.2	6	≤41 dB(A)	H (180°C)	IEC 60076	420 kg	570×475×570 mm
SFFZ-160/0.48/0.208	160	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	5522	13805	1.2	6	≤42 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	520 kg	600×500×600 mm
SFFZ-160/0.48/0.24	160	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	5522	13805	1.2	6	≤42 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	520 kg	600×500×600 mm
SFFZ-160/0.22/0.12	160	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	5522	13805	1.2	6	≤42 dB(A)	H (180°C)	IEC 60076	520 kg	600×500×600 mm
SFFZ-160/0.38/0.22	160	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	5522	13805	1.2	6	≤42 dB(A)	H (180°C)	IEC 60076	520 kg	600×500×600 mm
SFFZ-160/10/0.4	160	10 kV	0.4 kV	Dyn11 (IEC)	AN	5522	13805	1.2	6	≤42 dB(A)	H (180°C)	IEC 60076	520 kg	600×500×600 mm
SFFZ-160/6/0.4	160	6 kV	0.4 kV	Dyn11 (IEC)	AN	5522	13805	1.2	6	≤42 dB(A)	H (180°C)	IEC 60076	520 kg	600×500×600 mm
SFFZ-160/0.66/0.38	160	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	5522	13805	1.2	6	≤42 dB(A)	H (180°C)	IEC 60076	520 kg	600×500×600 mm
SFFZ-160/0.4/0.22	160	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	5522	13805	1.2	6	≤42 dB(A)	H (180°C)	IEC 60076	520 kg	600×500×600 mm

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †
SFFZ-200/0.48/0.208	200	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	6490	16225	1.1	6	≤42 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	620 kg	650×540×650 mm
SFFZ-200/0.48/0.24	200	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	6490	16225	1.1	6	≤42 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	620 kg	650×540×650 mm
SFFZ-200/0.22/0.12	200	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	6490	16225	1.1	6	≤42 dB(A)	H (180°C)	IEC 60076	620 kg	650×540×650 mm
SFFZ-200/0.38/0.22	200	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	6490	16225	1.1	6	≤42 dB(A)	H (180°C)	IEC 60076	620 kg	650×540×650 mm
SFFZ-200/10/0.4	200	10 kV	0.4 kV	Dyn11 (IEC)	AN	6490	16225	1.1	6	≤42 dB(A)	H (180°C)	IEC 60076	620 kg	650×540×650 mm
SFFZ-200/6/0.4	200	6 kV	0.4 kV	Dyn11 (IEC)	AN	6490	16225	1.1	6	≤42 dB(A)	H (180°C)	IEC 60076	620 kg	650×540×650 mm
SFFZ-200/0.66/0.38	200	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	6490	16225	1.1	6	≤42 dB(A)	H (180°C)	IEC 60076	620 kg	650×540×650 mm
SFFZ-200/0.4/0.22	200	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	6490	16225	1.1	6	≤42 dB(A)	H (180°C)	IEC 60076	620 kg	650×540×650 mm
SFFZ-250/0.48/0.208	250	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	7623	19058	1	6	≤43 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	750 kg	700×580×700 mm
SFFZ-250/0.48/0.24	250	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	7623	19058	1	6	≤43 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	750 kg	700×580×700 mm
SFFZ-250/0.22/0.12	250	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	7623	19058	1	6	≤43 dB(A)	H (180°C)	IEC 60076	750 kg	700×580×700 mm
SFFZ-250/0.38/0.22	250	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	7623	19058	1	6	≤43 dB(A)	H (180°C)	IEC 60076	750 kg	700×580×700 mm
SFFZ-250/10/0.4	250	10 kV	0.4 kV	Dyn11 (IEC)	AN	7623	19058	1	6	≤43 dB(A)	H (180°C)	IEC 60076	750 kg	700×580×700 mm
SFFZ-250/6/0.4	250	6 kV	0.4 kV	Dyn11 (IEC)	AN	7623	19058	1	6	≤43 dB(A)	H (180°C)	IEC 60076	750 kg	700×580×700 mm
SFFZ-250/0.66/0.38	250	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	7623	19058	1	6	≤43 dB(A)	H (180°C)	IEC 60076	750 kg	700×580×700 mm
SFFZ-250/0.4/0.22	250	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	7623	19058	1	6	≤43 dB(A)	H (180°C)	IEC 60076	750 kg	700×580×700 mm
SFFZ-315/0.48/0.208	315	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	8998	22495	1	6	≤44 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	900 kg	750×620×750 mm

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †
SFFZ-315/0.48/0.24	315	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	8998	22495	1	6	≤44 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	900 kg	750×620×750 mm
SFFZ-315/0.22/0.12	315	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	8998	22495	1	6	≤44 dB(A)	H (180°C)	IEC 60076	900 kg	750×620×750 mm
SFFZ-315/0.38/0.22	315	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	8998	22495	1	6	≤44 dB(A)	H (180°C)	IEC 60076	900 kg	750×620×750 mm
SFFZ-315/10/0.4	315	10 kV	0.4 kV	Dyn11 (IEC)	AN	8998	22495	1	6	≤44 dB(A)	H (180°C)	IEC 60076	900 kg	750×620×750 mm
SFFZ-315/6/0.4	315	6 kV	0.4 kV	Dyn11 (IEC)	AN	8998	22495	1	6	≤44 dB(A)	H (180°C)	IEC 60076	900 kg	750×620×750 mm
SFFZ-315/0.66/0.38	315	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	8998	22495	1	6	≤44 dB(A)	H (180°C)	IEC 60076	900 kg	750×620×750 mm
SFFZ-315/0.4/0.22	315	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	8998	22495	1	6	≤44 dB(A)	H (180°C)	IEC 60076	900 kg	750×620×750 mm
SFFZ-400/0.48/0.208	400	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	10681	26702	1	6	≤44 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	1100 kg	800×660×800 mm
SFFZ-400/0.48/0.24	400	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	10681	26702	1	6	≤44 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	1100 kg	800×660×800 mm
SFFZ-400/0.22/0.12	400	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	10681	26702	1	6	≤44 dB(A)	H (180°C)	IEC 60076	1100 kg	800×660×800 mm
SFFZ-400/0.38/0.22	400	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	10681	26702	1	6	≤44 dB(A)	H (180°C)	IEC 60076	1100 kg	800×660×800 mm
SFFZ-400/10/0.4	400	10 kV	0.4 kV	Dyn11 (IEC)	AN	10681	26702	1	6	≤44 dB(A)	H (180°C)	IEC 60076	1100 kg	800×660×800 mm
SFFZ-400/6/0.4	400	6 kV	0.4 kV	Dyn11 (IEC)	AN	10681	26702	1	6	≤44 dB(A)	H (180°C)	IEC 60076	1100 kg	800×660×800 mm
SFFZ-400/0.66/0.38	400	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	10681	26702	1	6	≤44 dB(A)	H (180°C)	IEC 60076	1100 kg	800×660×800 mm
SFFZ-400/0.4/0.22	400	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	10681	26702	1	6	≤44 dB(A)	H (180°C)	IEC 60076	1100 kg	800×660×800 mm
SFFZ-500/0.48/0.208	500	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	12551	31378	0.9	6	≤45 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	1300 kg	850×700×850 mm
SFFZ-500/0.48/0.24	500	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	12551	31378	0.9	6	≤45 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	1300 kg	850×700×850 mm

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †
SFFZ-500/0.22/0.12	500	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	12551	31378	0.9	6	≤45 dB(A)	H (180°C)	IEC 60076	1300 kg	850×700×850 mm
SFFZ-500/0.38/0.22	500	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	12551	31378	0.9	6	≤45 dB(A)	H (180°C)	IEC 60076	1300 kg	850×700×850 mm
SFFZ-500/10/0.4	500	10 kV	0.4 kV	Dyn11 (IEC)	AN	12551	31378	0.9	6	≤45 dB(A)	H (180°C)	IEC 60076	1300 kg	850×700×850 mm
SFFZ-500/6/0.4	500	6 kV	0.4 kV	Dyn11 (IEC)	AN	12551	31378	0.9	6	≤45 dB(A)	H (180°C)	IEC 60076	1300 kg	850×700×850 mm
SFFZ-500/0.66/0.38	500	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	12551	31378	0.9	6	≤45 dB(A)	H (180°C)	IEC 60076	1300 kg	850×700×850 mm
SFFZ-500/0.4/0.22	500	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	12551	31378	0.9	6	≤45 dB(A)	H (180°C)	IEC 60076	1300 kg	850×700×850 mm
SFFZ-630/0.48/0.208	630	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	14817	37042	0.9	6	≤46 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	1600 kg	900×750×950 mm
SFFZ-630/0.48/0.24	630	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	14817	37042	0.9	6	≤46 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	1600 kg	900×750×950 mm
SFFZ-630/0.22/0.12	630	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	14817	37042	0.9	6	≤46 dB(A)	H (180°C)	IEC 60076	1600 kg	900×750×950 mm
SFFZ-630/0.38/0.22	630	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	14817	37042	0.9	6	≤46 dB(A)	H (180°C)	IEC 60076	1600 kg	900×750×950 mm
SFFZ-630/10/0.4	630	10 kV	0.4 kV	Dyn11 (IEC)	AN	14817	37042	0.9	6	≤46 dB(A)	H (180°C)	IEC 60076	1600 kg	900×750×950 mm
SFFZ-630/6/0.4	630	6 kV	0.4 kV	Dyn11 (IEC)	AN	14817	37042	0.9	6	≤46 dB(A)	H (180°C)	IEC 60076	1600 kg	900×750×950 mm
SFFZ-630/0.66/0.38	630	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	14817	37042	0.9	6	≤46 dB(A)	H (180°C)	IEC 60076	1600 kg	900×750×950 mm
SFFZ-630/0.4/0.22	630	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	14817	37042	0.9	6	≤46 dB(A)	H (180°C)	IEC 60076	1600 kg	900×750×950 mm
SFFZ-800/0.48/0.208	800	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	17600	44000	0.8	6	≤46 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	1950 kg	1000×820×1000 mm
SFFZ-800/0.48/0.24	800	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	17600	44000	0.8	6	≤46 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	1950 kg	1000×820×1000 mm
SFFZ-800/0.22/0.12	800	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	17600	44000	0.8	6	≤46 dB(A)	H (180°C)	IEC 60076	1950 kg	1000×820×1000 mm
SFFZ-800/0.38/0.22	800	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	17600	44000	0.8	6	≤46 dB(A)	H (180°C)	IEC 60076	1950 kg	1000×820×1000 mm

Model	Rated Capacity	HV Voltage	LV Voltage	Connection	Cooling	No-load Loss (W)	Load Loss (W)	No-load Current (%)	Impedance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †
SFFZ-800/10/0.4	800	10 kV	0.4 kV	Dyn11 (IEC)	AN	17600	44000	0.8	6	≤46 dB(A)	H (180°C)	IEC 60076	1950 kg	1000×820×1000 mm
SFFZ-800/6/0.4	800	6 kV	0.4 kV	Dyn11 (IEC)	AN	17600	44000	0.8	6	≤46 dB(A)	H (180°C)	IEC 60076	1950 kg	1000×820×1000 mm
SFFZ-800/0.66/0.38	800	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	17600	44000	0.8	6	≤46 dB(A)	H (180°C)	IEC 60076	1950 kg	1000×820×1000 mm
SFFZ-800/0.4/0.22	800	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	17600	44000	0.8	6	≤46 dB(A)	H (180°C)	IEC 60076	1950 kg	1000×820×1000 mm
SFFZ-1000/0.48/0.208	1000	0.48 kV	0.208 kV	Delta-Wye (IEEE Std)	AN	20669	51672	0.8	6	≤47 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	2300 kg	1050×880×1100 mm
SFFZ-1000/0.48/0.24	1000	0.48 kV	0.24 kV	Delta-Wye (IEEE Std)	AN	20669	51672	0.8	6	≤47 dB(A)	H (180°C)	IEEE C57 / ANSI C84.1	2300 kg	1050×880×1100 mm
SFFZ-1000/0.22/0.12	1000	0.22 kV	0.12 kV	Dyn11 (IEC)	AN	20669	51672	0.8	6	≤47 dB(A)	H (180°C)	IEC 60076	2300 kg	1050×880×1100 mm
SFFZ-1000/0.38/0.22	1000	0.38 kV	0.22 kV	Dyn11 (IEC)	AN	20669	51672	0.8	6	≤47 dB(A)	H (180°C)	IEC 60076	2300 kg	1050×880×1100 mm
SFFZ-1000/10/0.4	1000	10 kV	0.4 kV	Dyn11 (IEC)	AN	20669	51672	0.8	6	≤47 dB(A)	H (180°C)	IEC 60076	2300 kg	1050×880×1100 mm
SFFZ-1000/6/0.4	1000	6 kV	0.4 kV	Dyn11 (IEC)	AN	20669	51672	0.8	6	≤47 dB(A)	H (180°C)	IEC 60076	2300 kg	1050×880×1100 mm
SFFZ-1000/0.66/0.38	1000	0.66 kV	0.38 kV	Dyn11 (IEC)	AN	20669	51672	0.8	6	≤47 dB(A)	H (180°C)	IEC 60076	2300 kg	1050×880×1100 mm
SFFZ-1000/0.4/0.22	1000	0.4 kV	0.22 kV	Dyn11 (IEC)	AN	20669	51672	0.8	6	≤47 dB(A)	H (180°C)	IEC 60076	2300 kg	1050×880×1100 mm

† Typical values, subject to confirmation. Final dimensions and weights are per factory GA drawings and routine test reports.

Standards & Certification

ISO 9001 Certified — Quality Management System
CE marking — available on selected models
Design and testing per IEC 60076, IEC 60076-11 (dry-type), IEC 61330 (substations), GB 1094 and related international standards.

Note: Certification details and test reports are provided upon request for the specific model and destination market.

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