

power table DC/DC-transducer RM 4 - RM 14



- * application as SMPS, open, impregnated or potted
- * application also as storage choke
- * custom-built development for switching frequencies from 20 kHz - 300 kHz (500 kHz) on your application, also for multiple output voltages
- * construction for safety electrical disconnection satisfying EN 61558-2-17 (VDE 0570 part 2-17) respectively EN 60950 respectively EN 60065 or IEC 601
- * optional: UL-insulating system class B for impregnated or potted transformer
- * ferrite components N 41, N 67 or N 87
- * also until t_a 105°C and class F (155°C) as special version possible
- * possible winding technique: copper wire and/or HF stranded wire in class F (155°C) copper foil winding, polyimide insulated wires (3-times bandage)

maximum power as flyback-, forward- or push-pull working type guide number on practical experience and computer based model calculations power table is for t_a 40°C / B, impregnated with N41 / N67 (standard)				
type	frequency	flyback	forward	push-pull
RM 4	25 kHz	0,5 VA	0,6 VA	1,0 VA
	50 kHz	0,8 VA	1,0 VA	1,6 VA
	100 kHz	1,2 VA	1,6 VA	2,0 VA
RM 5	25 kHz	2,6 VA	3,2 VA	5,0 VA
	50 kHz	3,8 VA	4,8 VA	7,5 VA
	100 kHz	5,5 VA	6,6 VA	10,5 VA
RM 6	25 kHz	5,5 VA	6,5 VA	10,0 VA
	50 kHz	8,2 VA	10,0 VA	15,0 VA
	100 kHz	12,5 VA	15,0 VA	22,0 VA
RM 7	25 kHz	7,5 VA	9,0 VA	14,0 VA
	50 kHz	11,5 VA	14,0 VA	20,0 VA
	100 kHz	17,0 VA	21,0 VA	30,0 VA
RM 8	25 kHz	10,0 VA	12,5 VA	17,0 VA
	50 kHz	15,0 VA	18,0 VA	28,0 VA
	100 kHz	22,0 VA	27,0 VA	37,5 VA
RM 10	25 kHz	20,0 VA	25,0 VA	34,0 VA
	50 kHz	28,0 VA	34,0 VA	52,0 VA
	100 kHz	42,0 VA	50,0 VA	70,0 VA
RM 12	25 kHz	42,0 VA	55,0 VA	70,0 VA
	50 kHz	60,0 VA	70,0 VA	110,0 VA
	100 kHz	90,0 VA	105,0 VA	150,0 VA
RM 14	25 kHz	70,0 VA	90,0 VA	115,0 VA
	50 kHz	100,0 VA	115,0 VA	180,0 VA
	100 kHz	150,0 VA	175,0 VA	250,0 VA

9810

technical changes reserved

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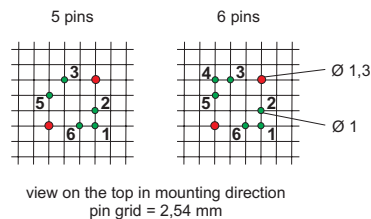
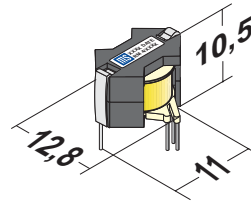
info@msbaltitrafo.ee

www.msbaltitrafo.ee

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type RM 4

0,5 ... 2,0 VA

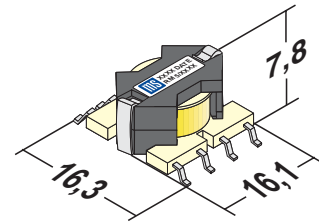
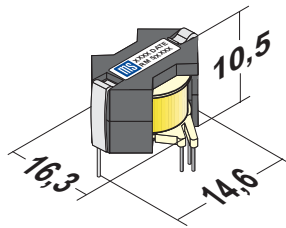


RM 4	maximum power as flyback-, forward- or push-pull working type guide number on practical experience and computer based model calculations power table is for ta 40°C / B, impregnated with N 41 / N 67 (standard)			
	frequency	flyback	forward	push-pull
	25 kHz	0,5 VA	0,6 VA	1,0 VA
	50 kHz	0,8 VA	1,0 VA	1,6 VA
	100 kHz	1,2 VA	1,6 VA	2,0 VA

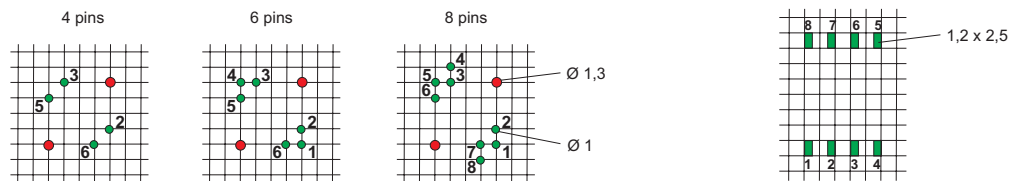
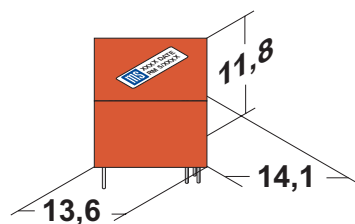
- * application as DC/DC-transducer, open or impregnated
- * application also as storage choke
- * custom-built development for switching frequencies from 20 kHz - 300 kHz (500 kHz) on your application, also for multiple output voltages
- * optional: UL-insulating system class B for impregnated transformer
- * ferrite components N 41, N 67 or N 87
- * also until ta 105°C and class F (155°C) as special version possible
- * possible winding technique: copper wire and/or HF stranded wire in class F (155°C)
copper foil winding, polyimid insulated wires (3-times bandage)

type RM 5

2,6 ... 10 VA



SMD



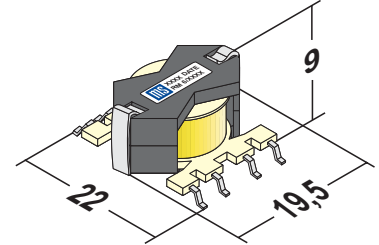
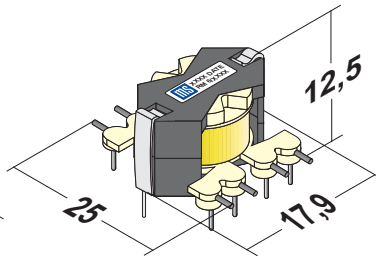
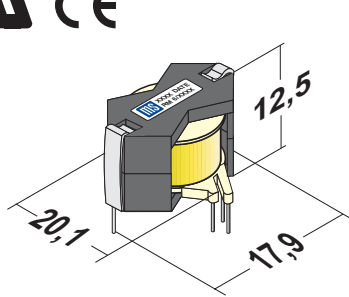
view on the top in mounting direction
pin grid = 2,54 mm

RM 5	maximum power as flyback-, forward- or push-pull working type guide number on practical experience and computer based model calculations power table is for ta 40°C / B, impregnated with N 41 / N 67 (standard)			
	frequency	flyback	forward	push-pull
	25 kHz	2,6 VA	3,2 VA	5,0 VA
	50 kHz	3,8 VA	4,8 VA	7,5 VA
	100 kHz	5,5 VA	6,6 VA	10,0 VA

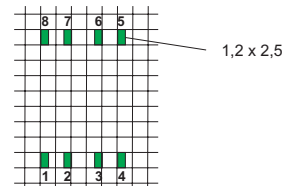
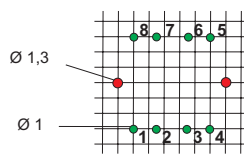
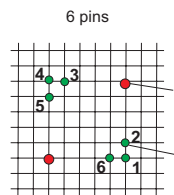
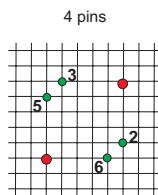
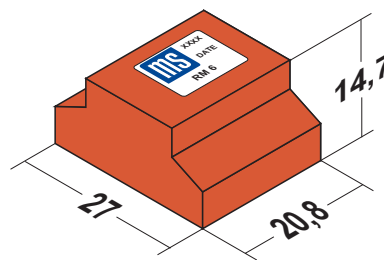
- * application as DC/DC-transducer, open, impregnated or potted
- * application also as storage choke
- * custom-built development for switching frequencies from 20 kHz - 300 kHz (500 kHz) on your application, also for multiple output voltages
- * construction for safety electrical disconnection satisfying EN 61558-2-17 (VDE 0570 part 2-17) respectively EN 60950 respectively EN 60065 or IEC 601
- * optional: UL-insulating system class B for impregnated or potted transformer
- * ferrite components N 41, N 67 or N 87
- * also until ta 105°C and class F (155°C) as special version possible
- * possible winding technique: copper wire and/or HF stranded wire in class F (155°C) copper foil winding, polyimid insulated wires (3-times bandage)

type RM 6

5,5 ... 22 VA



SMD



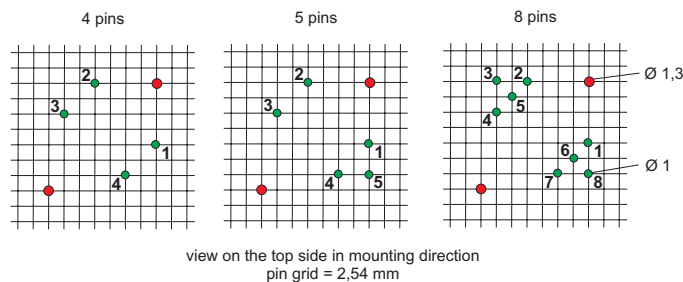
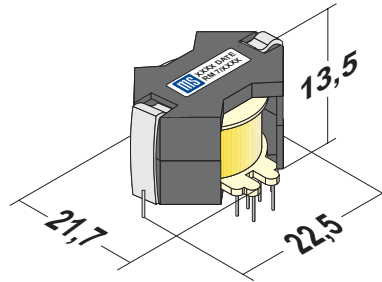
view on the top side in mounting direction
pin grid = 2,54 mm

RM 6	maximum power as flyback-, forward- or push-pull working type guide number on practical experience and computer based model calculations power table is for ta 40°C / B, impregnated with N 41 / N 67 (standard)			
	frequency	flyback	forward	push-pull
	25 kHz	5,5 VA	6,5 VA	10,0 VA
	50 kHz	8,2 VA	10,0 VA	15,0 VA
100 kHz	12,5 VA	15,0 VA	22,0 VA	

- * application as DC/DC-transducer, open, impregnated or potted
- * application also as storage choke
- * custom-built development for switching frequencies from 20 kHz - 300 kHz (500 kHz) on your application, also for multiple output voltages
- * construction for safety electrical disconnection satisfying EN 61558-2-17 (VDE 0570 part 2-17) respectively EN 60950 respectively EN 60065 or IEC 601
- * optional: UL-insulating system class B for impregnated or potted transformer
- * ferrite components N 41, N 67 or N 87
- * also until ta 105°C and class F (155°C) as special version possible
- * possible winding technique: copper wire and/or HF stranded wire in class F (155°C) copper foil winding, polyimid insulated wires (3-times bandage)

type RM 7

7,5 ... 30 VA

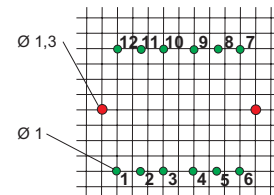
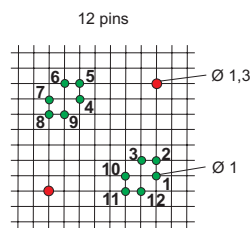
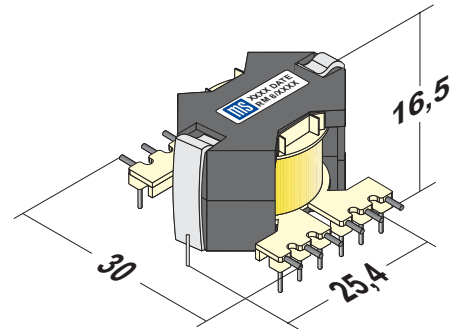
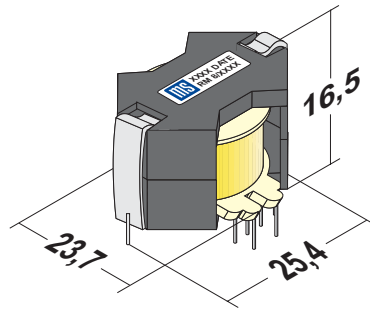


RM 7	maximum power as flyback-, forward- or push-pull working type guide number on practical experience and computer based model calculations power table is for ta 40°C / B, impregnated with N 41 / N 67 (standard)			
	frequency	flyback	forward	push-pull
	25 kHz	7,5 VA	9,0 VA	14,0 VA
	50 kHz	11,5 VA	14,0 VA	20,0 VA
100 kHz	17,0 VA	21,0 VA	30,0 VA	

- * application as DC/DC-transducer, open or impregnated
- * application also as storage choke
- * custom-built development for switching frequencies from 20 kHz - 300 kHz (500 kHz)
on your application, also for multiple output voltages
- * optional: UL-insulating system class B for impregnated transformer
- * ferrite components N 41, N 67 or N 87
- * also until ta 105°C and class F (155°C) as special version possible
- * possible winding technique: copper wire and/or HF stranded wire in class F (155°C)
copper foil winding, polyimid insulated wires (3-times bandage)

type RM 8

10 ... 37,5 VA



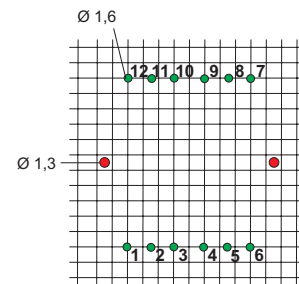
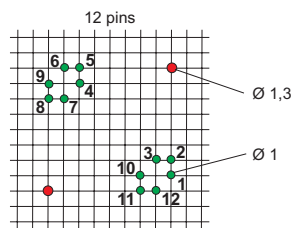
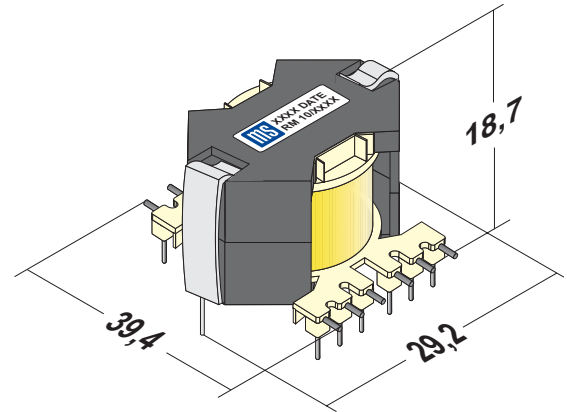
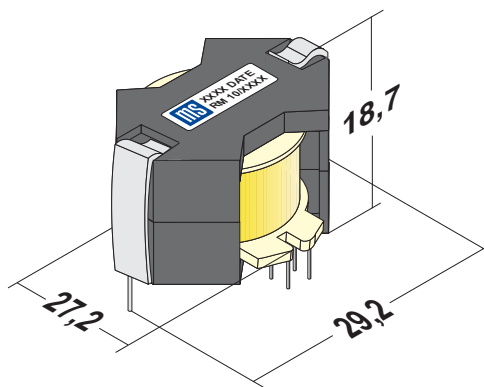
view on the top side in mounting direction
pin grid = 2,54 mm

RM 8	maximum power as flyback-, forward- or push-pull working type guide number on practical experience and computer based model calculations power table is for ta 40°C / B, impregnated with N 41 / N 67 (standard)			
	frequency	flyback Flyback	forward	push-pull
	25 kHz	10,0 VA	12,5 VA	17,0 VA
	50 kHz	15,0 VA	18,0 VA	28,0 VA
	100 kHz	22,0 VA	27,0 VA	37,5 VA

- * application as DC/DC-transducer, open, impregnated
- * application also as storage choke
- * custom-built development for switching frequencies from 20 kHz - 300 kHz (500 kHz) on your application, also for multiple output voltages
- * construction for safety electrical disconnection satisfying EN 61558-2-17 (VDE 0570 part 2-17) respectively EN 60950 respectively EN 60065 or IEC 601
- * optional: UL-insulating system class B for impregnated transformer
- * ferrite components N 41, N 67 or N 87
- * also until ta 105°C and class F (155°C) as special version possible
- * possible winding technique: copper wire and/or HF stranded wire in class F (155°C) copper foil winding, polyimid insulated wires (3-times bandage)

type RM 10

20 ... 70 VA



view on the top side in mounting direction
pin grid = 2,54 mm

RM 10

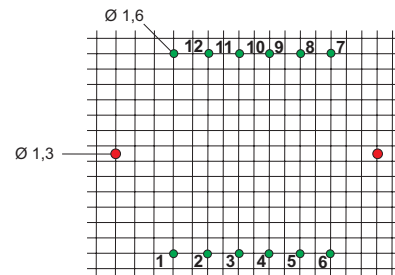
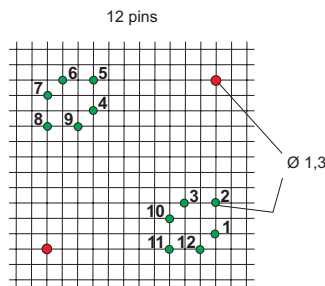
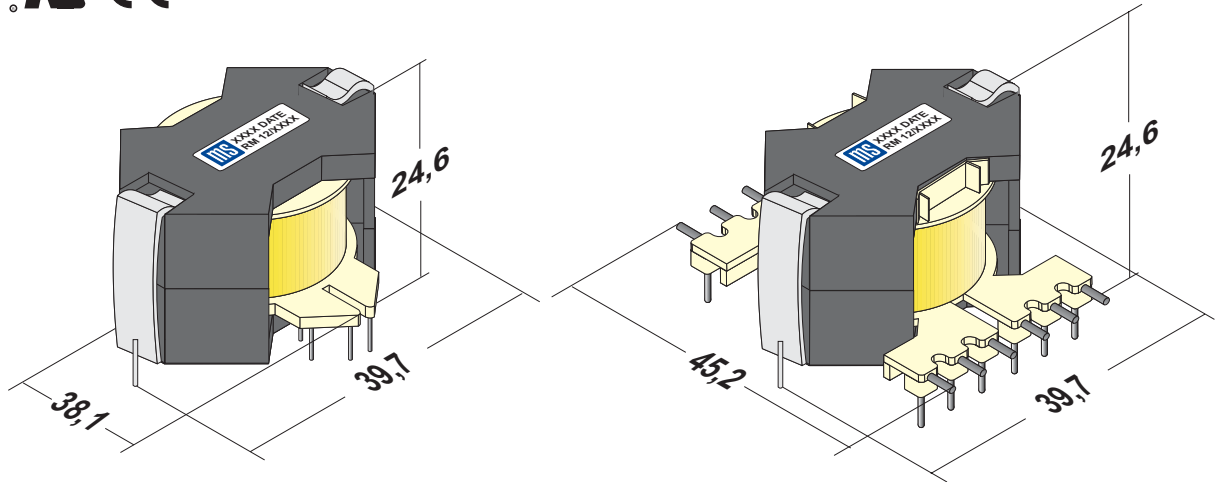
maximum power as flyback-, forward- or push-pull working type
guide number on practical experience and computer based model calculations
power table is for ta 40°C / B, impregnated with N 41 / N 67 (standard)

frequency	flyback	forward	push-pull
25 kHz	20 VA	25 VA	34 VA
50 kHz	28 VA	34 VA	52 VA
100 kHz	42 VA	50 VA	70 VA

- * application as DC/DC-transducer, open or impregnated
- * application also as storage choke
- * custom-built development for switching frequencies from 20 kHz - 300 kHz (500 kHz) on your application, also for multiple output voltages
- * construction for safety electrical disconnection satisfying EN 61558-2-17 (VDE 0570 part 2-17) respectively EN 60950 respectively EN 60065 or IEC 601
- * optional: UL-insulating system class B for impregnated transformer
- * ferrite components N 41, N 67 or N 87
- * also until ta 105°C and class F (155°C) as special version possible
- * possible winding technique: copper wire and/or HF stranded wire in class F (155°C) copper foil winding, polyimid insulated wires (3-times bandage)

type RM 12

42 ... 150 VA



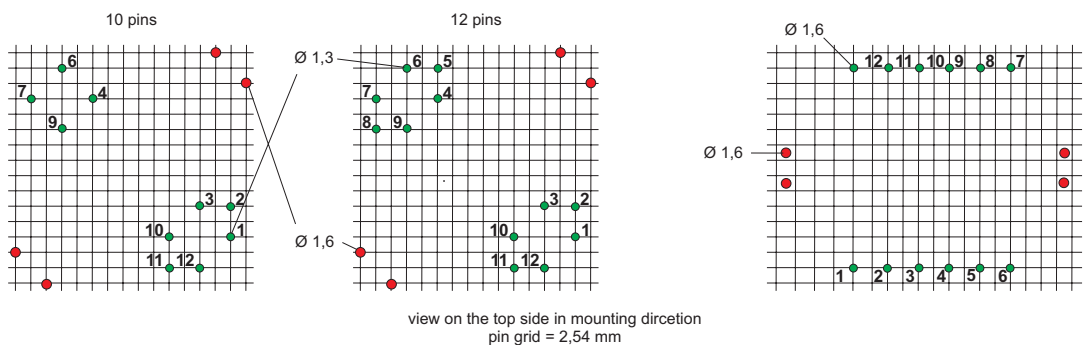
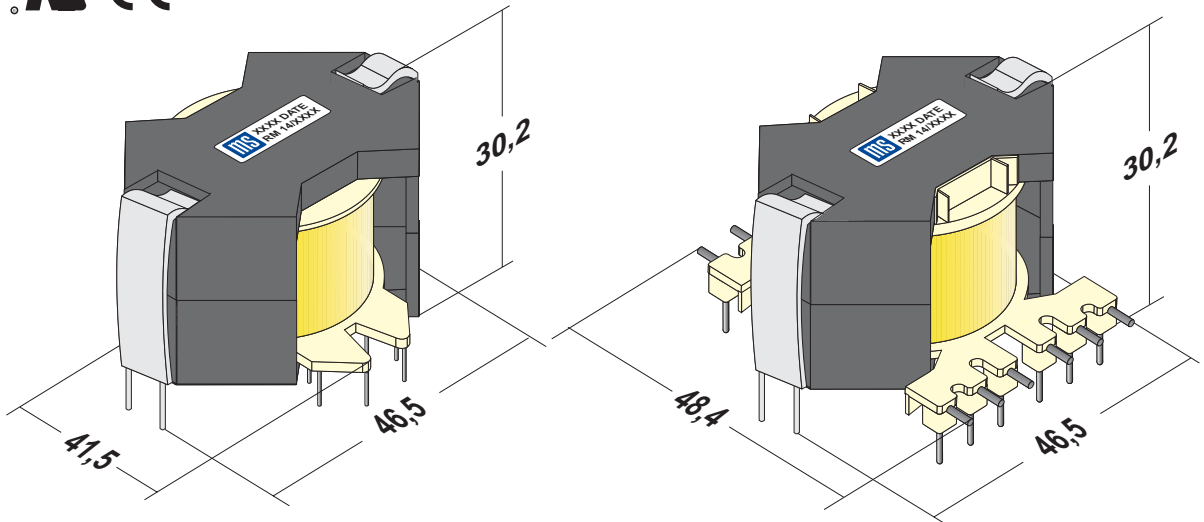
view on the top side in mounting direction
pin grid= 2,54 mm

RM 12	maximum power as flyback-, forward- or push-pull working type guide number on practical experience and computer based model calculations power table is for ta 40°C / B, impregnated with N 41 / N 67 (standard)			
	frequency	flyback	forward	push-pull
	25 kHz	42 VA	55 VA	70 VA
	50 kHz	60 VA	70 VA	110 VA
100 kHz	90 VA	105 VA	150 VA	

- * application as DC/DC-transducer, open or impregnated
- * application also as storage choke
- * custom-built development for switching frequencies from 20 kHz - 300 kHz (500 kHz) on your application, also for multiple output voltages
- * construction for safety electrical disconnection satisfying EN 61558-2-17 (VDE 0570 part 2-17) respectively EN 60950 respectively EN 60065 or IEC 601
- * optional: UL-insulating system class B for impregnated transformer
- * ferrite components N 41, N 67 or N 87
- * also until ta 105°C and class F (155°C) as special version possible
- * possible winding technique: copper wire and/or HF stranded wire in class F (155°C) copper foil winding, polyimide insulated wires (3-times bandage)

type RM 14

70 ... 250 VA



RM 14	maximum power as flyback-, forward- or push-pull working type guide number on practical experience and computer based model calculations power table is for ta 40°C / B, impregnated with N 41 / N 67 (standard)			
	frequency	flyback	forward	push-pull
	25 kHz	70 VA	90 VA	115 VA
	50 kHz	100 VA	115 VA	180 VA
	100 kHz	150 VA	175 VA	250 VA

- * application as DC/DC-transducer, open or impregnated
- * application also as storage choke
- * custom-built development for switching frequencies from 20 kHz - 300 kHz (500 kHz) on your application, also for multiple output voltages
- * construction for safety electrical disconnection satisfying EN 61558-2-17 (VDE 0570 part 2-17) respectively EN 60950 respectively EN 60065 or IEC 601
- * optional: UL-insulating system class B for impregnated transformer
- * ferrite components N 41, N 67 or N 87
- * also until ta 105°C and class F (155°C) as special version possible
- * possible winding technique: copper wire and/or HF stranded wire in class F (155°C) copper foil winding, polyimid insulated wires (3-times bandage)