

PRODUCT INTRODUCTION

Zhejiang Dexuan Technology Co., Ltd.

Web: <https://www.deshsun.com>

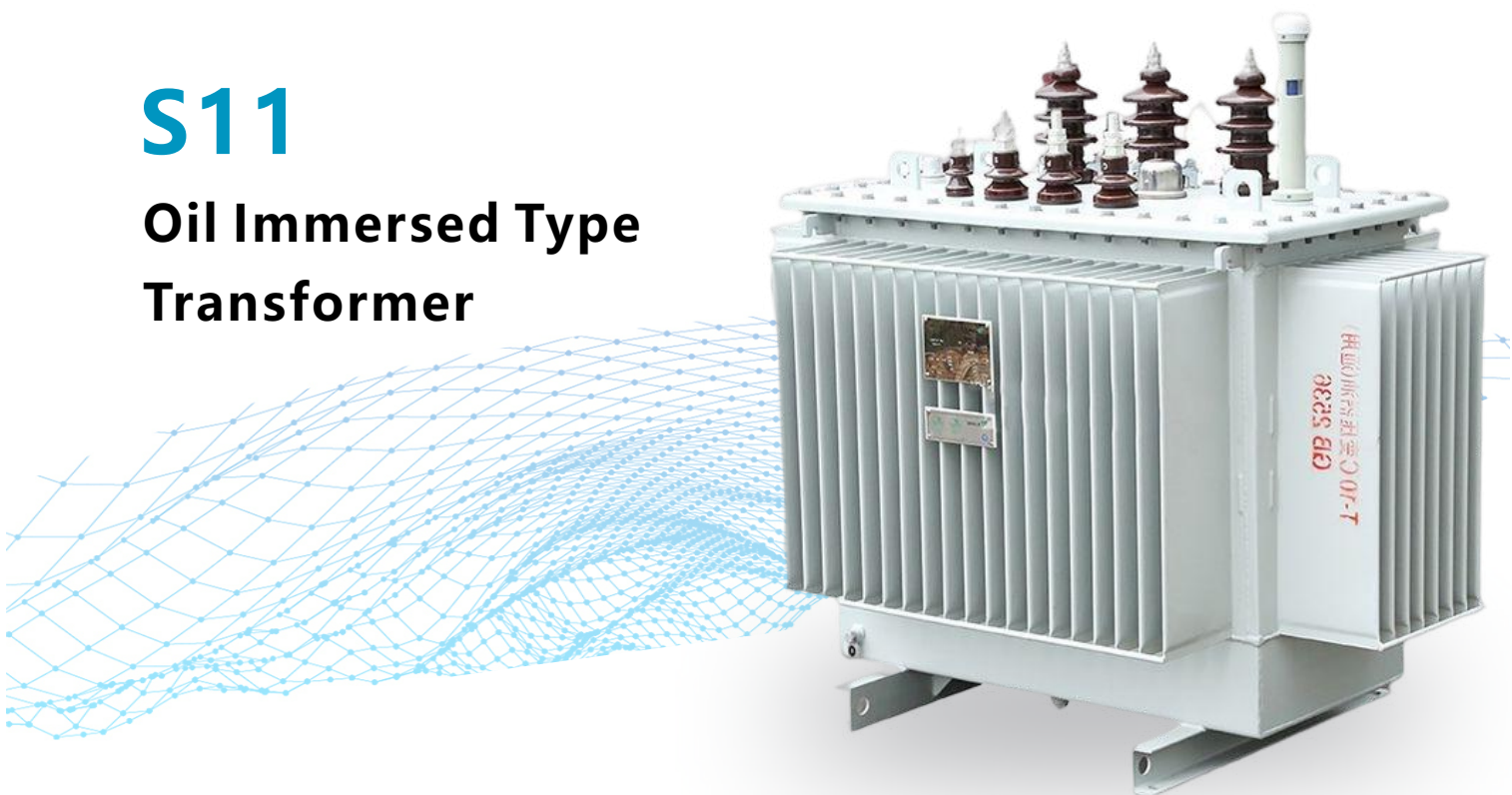
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Transformer

S11

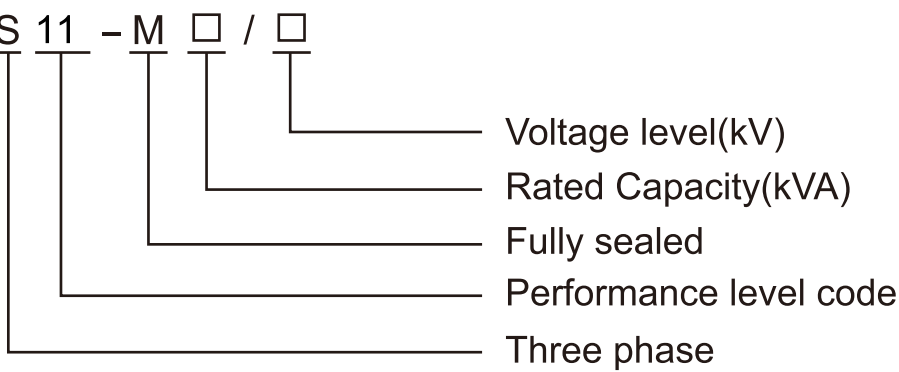
Oil Immersed Type Transformer



Product Introduction

Our S11 Oil Immersed Type Transformer transformer applies new type insulating structure and makes short-circuit resistance strong. The iron core is make of high-quality cold-rolled silicon-steel plate. High-voltage winding group is made up of high-quality oxygen-free copper lines and it adopts multilayered drum type structure. All fasteners have been processed with special treatment to prevent them from loosening.

Model Description



Working Environment

- 1.Installation altitude: no more than 1000m above sea level
- 2.The waveform of the power supply voltage: similar to a sine wave
- 3.Symmetry of polyphase supply voltage: The supply voltage to which the polyphase transformer is connected should be approximately symmetrical
- 4.Ambient temperature: maximum temperature +40°C; maximum daily average temperature +30°C; maximum annual average temperature +20°C; minimum temperature -30°C (applicable to indoor transformers)

Main Technical Parameters

Main performance parameters of Our S11 10KV type

model	Rated capacity (KVA)	link group label	Voltage combination (KV)			Load loss (W)	Load loss (w)		No-load current(%)	Short circuit impedance (%)
			high pressure	Tap range	low pressure		Dy	Yy		
S11-M-30	30	Yyn0 or Dyn11	6、6.3、10、10.5、11	±5% or ±2x2.5%	0.4	100	630	600	2.3	4
S11-M-50	50					130	910	870	2	
S11-M-63	63					150	1090	1040	1.9	
S11-M-80	80					180	1310	1250	1.9	
S11-M-100	100					200	1580	1500	1.8	
S11-M-125	125					240	1890	1800	1.7	
S11-M-160	160					280	2310	2200	1.6	
S11-M-200	200					340	2730	2600	1.5	
S11-M-250	250					400	3200	3050	1.4	4.5
S11-M-315	315					480	3830	3650	1.4	
S11-M-400	400					570	4520	4300	1.3	
S11-M-500	500					680	5410	5150	1.2	
S11-M-630	630					810	6200	6200	1.1	
S11-M-800	800					980	7500	7500	1	
S11-M-1000	1000					1150	10300	10300	1	
S11-M-1250	1250					1360	12800	12800	0.9	
S11-M-1600	1600					1640	14500	14500	0.8	
S11-M-2000	2000					2280	17820	17820	0.8	5.0
S11-M-2500	2500					2700	20700	20700	0.7	

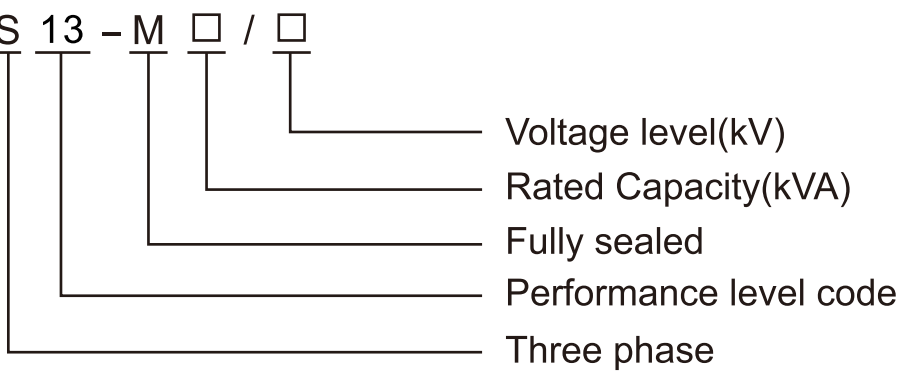
S13
Oil Immersed Type
Transformer



Product Introduction

Our S11 Oil Immersed Type Transformer transformer applies new type insulating structure and makes short-circuit resistance strong. The iron core is make of high-quality cold-rolled silicon-steel plate. High-voltage winding group is made up of high-quality oxygen-free copper lines and it adopts multilayered drum type structure. All fasteners have been processed with special treatment to prevent them from loosening.

Model Description



Working Environment

- 1.Installation altitude: no more than 1000m above sea level
- 2.The waveform of the power supply voltage: similar to a sine wave
- 3.Symmetry of polyphase supply voltage: The supply voltage to which the polyphase transformer is connected should be approximately symmetrical
- 4.Ambient temperature: maximum temperature +40°C; maximum daily average temperature +30°C; maximum annual average temperature +20°C; minimum temperature -30°C (applicable to indoor transformers)

Main Technical Parameters

Main performance parameters of Our S13 10KV type

model	Rated capacity (KVA)	link group label	Voltage combination (KV)			Load loss (W)	Load loss (w)		No-load current(%)	Short circuit impedance (%)
			high pressure	Tap range	low pressure		Dy	Yy		
S13-M-30	30	Yyn0 or Dyn11	10 6.3 6	±5±2 ×2.5%	0.4	80	630	600	2.3	4
S13-M-50	50					100	910	870	2	
S13-M-63	63					110	1090	1040	1.9	
S13-M-80	80					130	1310	1250	1.9	
S13-M-100	100					150	1580	1500	1.8	
S13-M-125	125					170	1890	1800	1.7	
S13-M-160	160					200	2310	2200	1.6	
S13-M-200	200					240	2730	2600	1.5	
S13-M-250	250					290	3200	3050	1.4	
S13-M-315	315					340	3830	3650	1.4	
S13-M-400	400					410	5420	4300	1.3	
S13-M-500	500					480	5410	5150	1.2	
S13-M-630	630					570	6200	6200	1.1	4.5
S13-M-800	800					700	7500	7500	1	
S13-M-1000	1000					830	10300	10300	1	
S13-M-1250	1250	870	12000	12000	0.9					
S13-M-1600	1600	1170	14500	14500	0.8	According to customer needs				
S13-M-2000	2000	1510	17800	17800	0.8					
S13-M-2500	2500	1780	20700	20700	0.7					

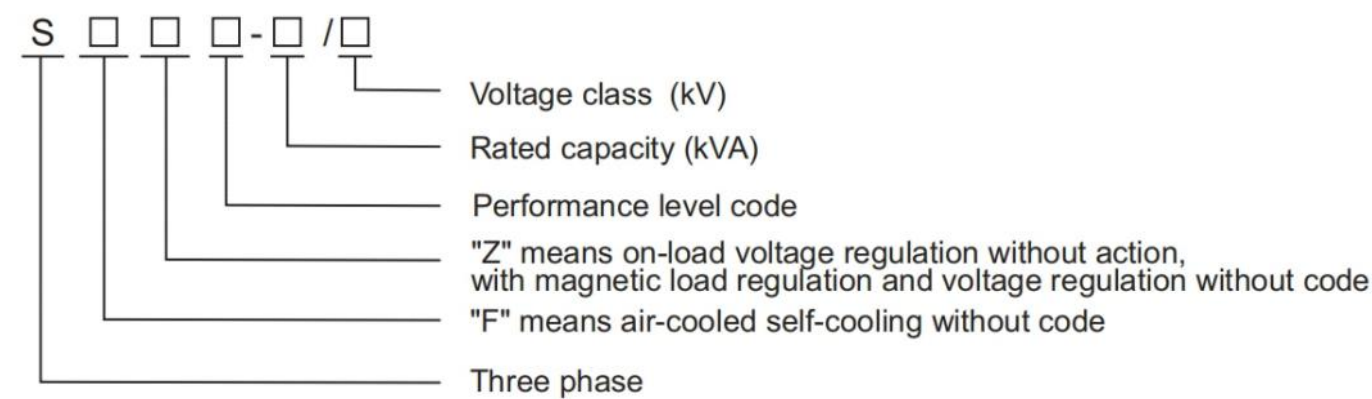
35KV
oil immersed transformer



Product Introduction

35KV oil immersed transformer has strong short-circuit resistance, beautiful appearance, reliable operation, low loss and low noise, reaching the advanced level of similar foreign products. The SZ11- -8000 / 35 transformer prototype produced by our company has passed the sudden short-circuit test conducted by the National Transformer Heat Testing Center at one time. Longitudinal oil passages for the high and low voltage coils are conducive to heat dissipation, which can greatly reduce the temperature difference between copper oil and the internal coil. Hottest spot temperature rise.

Model Description



Working Environment

- 1.Installation altitude: no more than 1000m above sea level
- 2.Ambient temperature: -40℃~+40℃

Main Technical Parameters

800KVA-31500KVA

Three-phase double-winding non-excitation voltage regulating power transformer:

Model	Rated capacity (KVA)	Link group label	Voltage combination (KV)			No-l oad loss (W)	Load loss (W)	No-load current (%)	Short circuit impedance (%)
			high voltage	Tap range	Low voltage				
S11-630	630	Yd11	35	±5%	3.15 6.3 10.5	830	7870	1.10	6.5
S11-800	800					980	9410	1.00	
S11-1000	1000					1150	11540	1.00	
S11-1250	1250					1410	13940	0.90	
S11-1600	1600					1700	16670	0.80	
S11-2000	2000					2180	18380	0.70	
S11-2500	2500					2560	19670	0.60	
S11-3150	3150	YNd11	35 38.5	±5%	3.15 6.3 10.5 11	3040	23090	0.56	7.0
S11-4000	4000					3620	27360	0.56	
S11-5000	5000					4320	31380	0.48	
S11-6300	6300					5250	35060	0.48	8.0
S11-8000	8000					7200	38500	0.42	
S11-10000	10000	YNd11	35 38.5	± 5%	3.15 3.3 6.3 6.6 10.5 11	8700	45300	0.42	
S11-12500	12500					10080	53900	0.40	
S11-16000	16000					12160	65800	0.40	
S11-20000	20000					14400	79500	0.40	
S11-25000	25000					17020	94100	0.32	
S11-31500	31500					20220	112900	0.32	

- Note 1: Transformers with a rated capacity of 6300KVA and below can provide products with a high-voltage tap range of +2x2.5%.
- Note 2: For transformers with lower voltages of 10.5KV and 11KV, products with connection group designation Dyn11 can be provided.
- Note 3: For transformers with rated capacity of 3150KVA and above, the -5% tap position is the maximum current tap.

■Working Environment

- 1.Installation altitude: no more than 1000m above sea level
- 2.Ambient temperature: -40℃~ +40℃

■Main Technical Parameters

2000KVA-20000KVA

Three-phase double-winding on-load voltage regulating power transformer:

Model	Rated capacity (KVA)	Link group label	Voltage combination (KV)			No-load loss (W)	Load loss (W)	No-load current (%)	Short circuit impedance (%)
			high voltage	Tap range	Low voltage				
SZ11-2000	2000	Yd11	35	±3x25%	6.3	2300	19240	0.80	7
SZ11-2500	2500				10.5	2720	20640	0.80	
SZ11-3150	3150		35 ~ 38.5	±3x25%	6.3 10.5	3230	24710	0.72	7.0
SZ11-4000	4000					3870	29160	0.72	
SZ11-5000	5000					4640	34200	0.68	
SZ11-6300	6300					5630	36800	0.68	
SZ11-8000	8000	YNd11	35 ~ 38.5	±3x2.5%	6.3	7870	40600	0.60	7.5
SZ11-10000	10000				6.6	9280	48100	0.60	
SZ11-12500	12500				10.5 11	10940	56900	0.56	8.0
SZ11-16000	16000					13170	70300	0.54	
SZ11-20000	20000					15570	82800	0.54	

- Note 1: For transformers with low voltage voltages of 10.5KV and 11KV, products with connection group designation Dyn11 can be provided.
- Note 2: Maximum current tap is -7.5% tap position.3150KVA and above, the -5% tap position is the maximum current tap.

SCB10

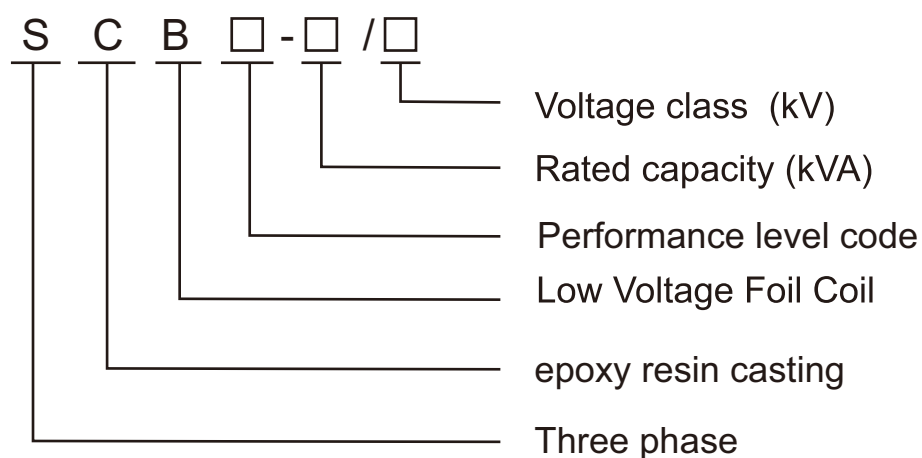
Dry Type Transformer



Product Introduction

This series of SCB Dry Type Transformer adopts foreign advanced manufacturing technology, the design drawings and technical documents are complete, correct and clear, the production equipment is advanced, the manufacturing process is stable, and the measuring means are complete, which provides a solid guarantee for the production of high-quality products.

Model Description



Working Environment

1. Installation altitude: no more than 1000m above sea level
2. The waveform of the power supply voltage: similar to a sine wave
3. Symmetry of polyphase supply voltage: The supply voltage to which the polyphase transformer is connected should be approximately symmetrical
4. Ambient temperature: maximum temperature +40°C; maximum daily average temperature +30°C; maximum annual average temperature +20°C; minimum temperature -30°C (applicable to indoor transformers)

Main Technical Parameters

Main performance parameters of SCB10 type 10KV series:

Model	Rated capacity (KVA)	Link group label	Voltage combination (KV)			No-load loss (W)	Load loss (W)	No-load current(%)	Short circuit impedance (%)
			High Pressure	Tap range	Low pressure				
SCB10-30	30	YynO or Dyn11	10	±5%	0.4	190	710	2.4	4.0
SCB10-50	50					270	1000	2.4	
SCB10-80	80					370	1380	1.8	
SCB10-100	100					400	1570	1.8	
SCB10-125	125					470	1850	1.6	
SCB10-160	160					550	2130	1.6	
SCB10-200	200					630	2530	1.4	
SCB10-250	250					720	2760	1.4	
SCB10-315	315		63	±2x2.5% or +3/-1 x 2.5%	0.4	880	3470	1.2	6.0
SCB10-400	400					980	3990	1.2	
SCB10-500	500					1160	4880	1.2	
SCB10-630	630					1350	5880	1.0	
SCB10-630	630					1300	5960	1.0	
SBC10-800	800					1520	6960	1.0	
SCB10-1000	1000					1770	8130	1.0	
SCB10-1250	1250					2090	9690	1.0	
SCB10-1600	1600					2450	11730	1.0	
SCB10-2000	2000					3050	14450	0.8	
SCB10-2500	2500					3600	17170	0.8	

SCB11

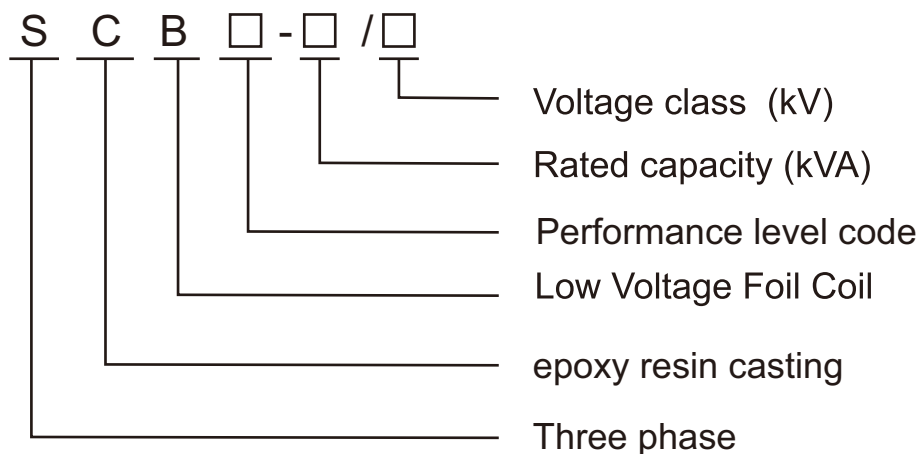
Dry Type Transformer



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Main Technical Parameters

Main performance parameters of SCB11 type 10KV series:

Model	Rated capacity (KVA)	Link group label	Voltage combination (KV)			No-load loss (W)	Load loss (W)	No-load current(%)	Short circuit impedance (%)
			High Pressure	Tap range	Low pressure				
SCB11-50	50	YynO or Dyn11	6	± 5% or ±2x 2.5%	0.4	250	1000	2.4	4.0
SCB11-80	80					340	1380	1.8	
SCB11-100	100					360	1570	1.8	
SCB11-125	125					420	1850	1.6	
SCB11-160	160					490	2130	1.6	
SCB11-200	200					560	2530	1.4	
SCB11-250	250		6.3			650	2760	1.4	
SCB11-315	315		6.6			790	3470	1.2	
SCB11-400	400		10			880	3990	1.2	6.0
SCB11-500	500		10.5			1050	4880	1.0	
SCB11-630	630		11			1210	5880	1.0	
SCB11-630	630					1170	5960	1.0	
SCB11-800	800					1370	6960	1.0	
SCB11-1000	1000					1590	8130	1.0	
SCB11-1250	1250					1880	9690	1.0	
SCB11-1600	1600					2210	11730	1.0	
SCB11-2000	2000					2720	14450	0.8	
SCB11-2500	2500					3200	17170	0.8	

SCB12

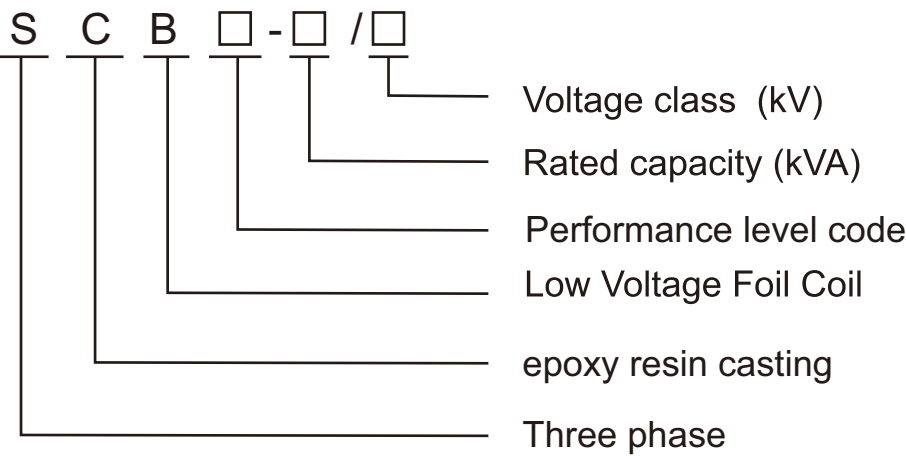
Dry Type Transformer



Product Introduction

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Model Description



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Main Technical Parameters

Main performance parameters of SCB12 type 10KV series:

Model	Rated capacity (KVA)	Link group label	Voltage combination (KV)			No-load loss (W)	Load loss (W)	No-load current(%)	Short circuit impedance (%)
			High Pressure	Tap range	Low pressure				
SCB12-30	50	YynO or Dyn11	6	±5% or ±2x 2.5%	0.4	250	1000	2.4	4.0
SCB12-80	80					340	1380	1.8	
SCB12-100	100					360	1570	1.8	
SCB12-125	125					420	1850	1.6	
SCB12-160	160					490	2130	1.6	
SCB12-200	200					460	2530	1.4	
SCB12-250	250		6.3			450	2760	1.4	
SCB12-315	315		6.6			790	3470	1.2	
SCB12-400	400		10			880	3990	1.2	
SCB12-500	500		10.5			1050	4880	1.0	
SCB12-630	630		11			1210	5880	1.0	
SCB12-630	630					1170	5960	1.0	
SCB12-800	800					1370	6960	1.0	
SCB12-1000	1000					1590	8130	1.0	
SCB12-1250	1250					1880	9690	1.0	
SCB12-1600	1600					2210	118300	1.0	
SCB12-2000	2000					2720	14450	0.8	
SCB12-2500	2500					3200	17170	0.8	