

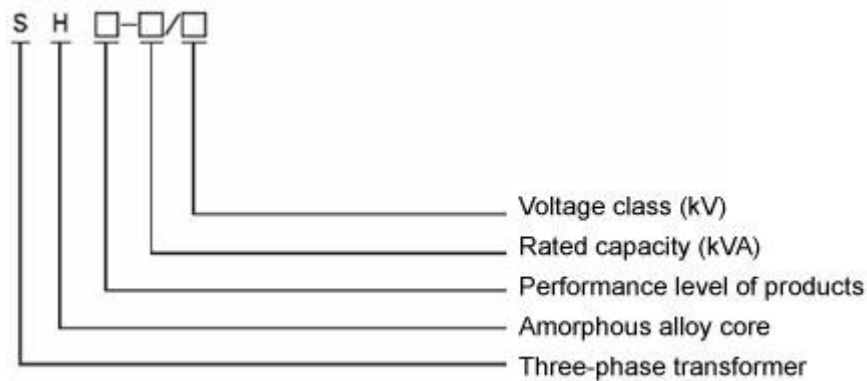
## S(B)H15-M Series Sealed Amorphous Alloy Power Transformer

### Product Introduction

The transformer is completely hermetical oil-immersed type. The principle is the same as the hermetical power transformer. The basic elements of the amorphous alloy is Iron, nickel, cobalt, boron and carbon etc. It is a kind of isotropic soft magnetic material with low magnetizing power. With 0.027mm thickness and the filling coefficient is reduced to 0.75-0.8, the amorphous alloy material is very sensitive for stress. The electrical resistivity of the material is 3-6 times of silicon steel sheet and the hardness is 5 times of it.

Load loss of S(B)H15-M 30~1600/6~10 series transformer can be reduced by 15% on the basis of GB/T6451 standard. The no-load loss can be reduced by 70% on the base of GB/T6451 standard. Amorphous alloy transformer meets the standard JB/T10318-2002 Technical parameter of oil immersed type amorphous alloy transformer.

### Model and Meaning



### Technical Parameter of S(B)H15-M Series Hermetical Amorphous Alloy Power Transformer

Rated capacity (kVA)	Voltage and tapping range			Connection Group Symbol	No-load Loss (W)	Load Loss (W) 75°C	No-load current (%)	Short-circuit impedance (%)
	High Voltage (KV)	Tapping ranges of High Voltage	Low Voltage (KV)					
30	6	±5% ±2×2.5%	0.4	Dyn11 ( or ) Yyn0	130	630/600	2.3	4.0
50	6.3				170	910/870	2.0	
63	10 10.5				200	1090/1040	1.9	
80	11				250	1310/125	1.9	

