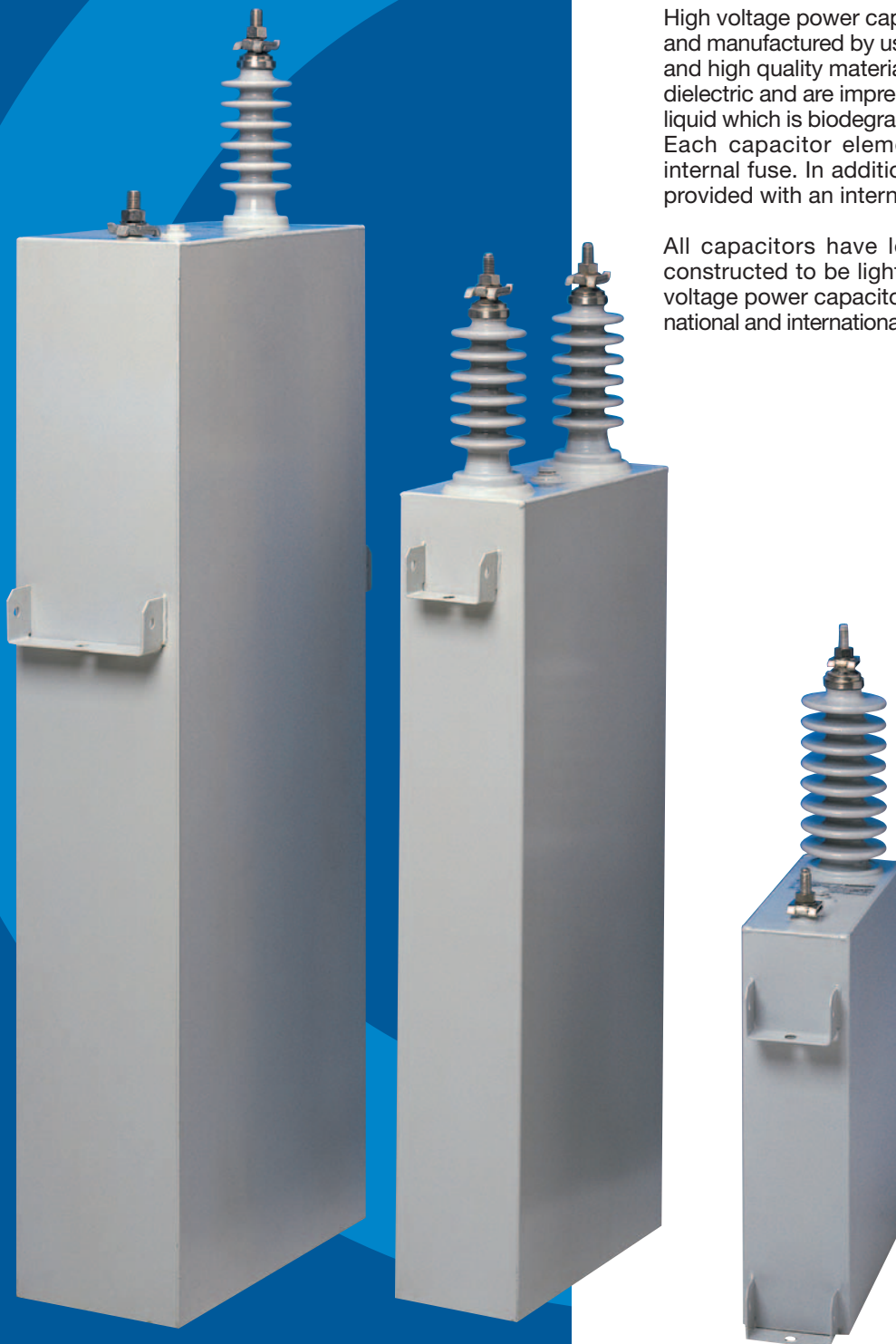


High voltage power capacitors one-phase units

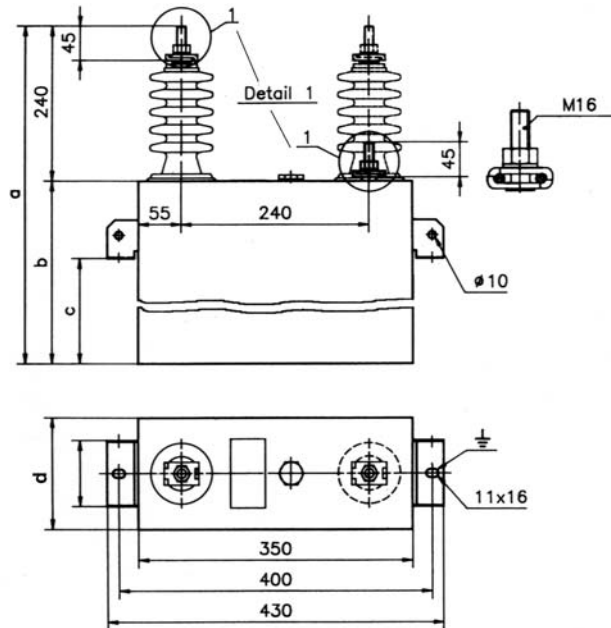
High voltage power capacitors are designed and manufactured by using latest technology and high quality materials. They have all-film dielectric and are impregnated with dielectric liquid which is biodegradable in environment. Each capacitor element has a separate internal fuse. In addition, each capacitor is provided with an internal discharge resistor.

All capacitors have low losses, and are constructed to be light in weight. The high voltage power capacitors comply with most national and international capacitor standards.



TECHNICAL DATA

Type:	impregnated all-film dielectric
Rated frequency:	50 Hz or 60 Hz
Average losses:	0.08...0.15 W/kvar
Dielectric liquid:	non-pcb
All-film dielectric:	polypropylene
Temperature category:	-40°C/C (+50°C)
Standards to be applied:	IEC, BS IEC 60871-1 ANSI/IEEE, CSA
Standard colour:	grey (RAL 7035)
Standard bushings:	125 kV BIL Creep 380 mm 150 kV BIL Creep 620 mm 200 kV BIL Creep 820 mm
Power range:	100...1000 kvar
Voltage range:	1000...14000 V (with internal fuses) above 14000 V (without internal fuses)



DIELECTRIC LIQUID

The dielectric liquid is specially made for power capacitors and it is chosen by Nokian Capacitors because of its excellent electrical properties and heat stability at both lower and elevated temperatures. It is non-pcb, non-chlorine and biodegradable.

- The capacitor units are equipped with weld type porcelain bushings.
- Capacitor containers are made of stainless steel and painted with suitable primer coat prior to finishing coat to ensure prolonged durability.
- Capacitors for specific purposes can be designed and manufactured to meet customers' requirements.
- Fuseless/External fuse on request.
- Internal discharge resistor.

Dimensions (8000 V, 50 Hz)

Type	Power kvar	Dimensions mm				Weight kg
		a	b	c	d	
PSLP/PILP	100	640	400	300	145	31
PSLP/PILP	200	780	540	440	145	40
PSLP/PILP	300	880	640	540	145	47
PSLP/PILP	400	960	740	640	145	53
TSLP/TILP	500	860	620	520	200	63
TSLP/TILP	600	960	720	620	200	71
TSLP/TILP	700	1080	840	740	200	81
TSLP/TILP	800	1180	940	840	200	89

In line with our policy of on-going product development we reserve the right to alter specifications.