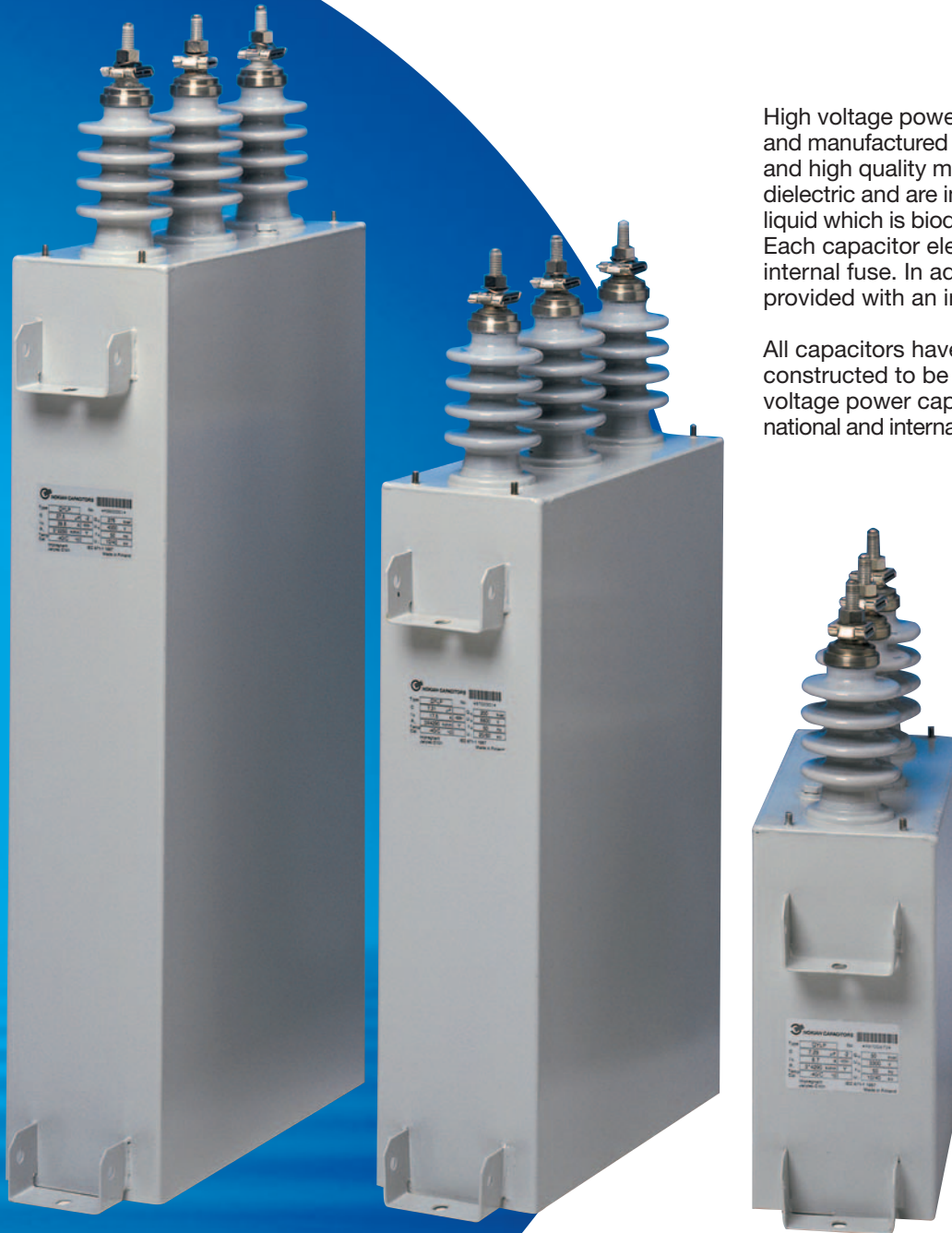


HIGH VOLTAGE POWER CAPACITORS THREE-PHASE UNITS

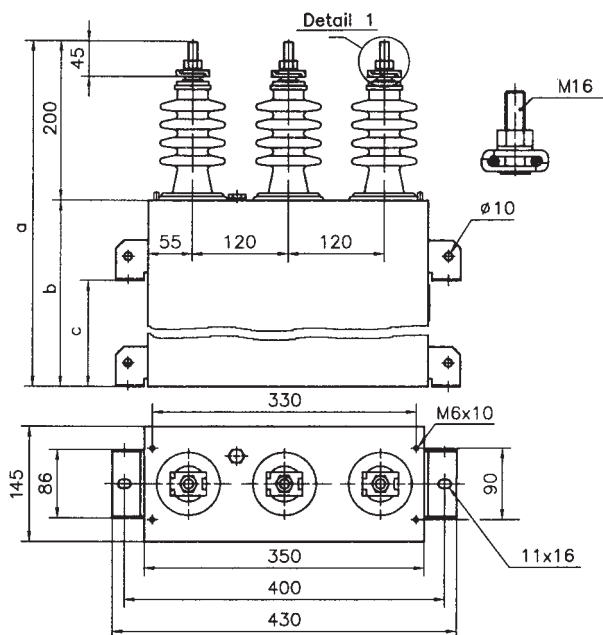


High voltage power capacitors are designed and manufactured by using latest technology and high quality materials. They have all-film dielectric and are impregnated with dielectric liquid which is biodegradable in environment. Each capacitor element has a separate internal fuse. In addition, each capacitor 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 voltages:	3300 V or 6600 V
Rated frequency:	50 Hz or 60 Hz
Average losses:	0.15 W/kvar
Dielectric liquid:	non-pcb
All-film dielectric:	polypropylene
Temperature category:	-40°C/C (+50°C) IEC 60871-1
Standards to be applied:	IEC, ANSI/IEEE, CSA,
Standard colour:	grey (RAL 7035)



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.

Standard types

Type	Power kvar		Voltage V	Dimensions mm			Weight kg
	50 Hz	60 Hz		a	b	c	
QYLP	50	60	3300/6600	450	260	160	23
QYLP	75	90	3300/6600	490	300	200	26
QYLP	100	120	3300/6600	550	360	260	30
QYLP	150	180	3300/6600	650	460	360	36
QYLP	200	240	3300/6600	770	580	480	44
QYLP	250	300	3300/6600	890	700	600	52
QYLP	300	360	3300/6600	1010	820	720	60
QYLP	350	420	3300/6600	1110	920	820	66

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



Nokian Capacitors Ltd.
Kaapelikatu 3, P.O. Box 4
FI-33331 Tampere, Finland
Tel. +358 3 3883 11, fax +358 3 3883 360
www.nokiancapacitors.com