

(3) SK油浸式 SK Oil immersed type

規範

- 依據規格：CNS 1179、3738、JIS 4901
- 設置處所：屋內/外用
- 周圍溫度：-25°C~45°C
- 最高使用電壓：額定電壓之110%以下 (24小時期間，容許8小時內)
- 最大使用電流：額定電流之130%以內
- 容量誤差：-5% ~ +15% (各相間誤差在±3%以內)
- 介質損失：0.2W/ kVAr以下
- 溫升：周圍溫度低於40°C時，溫升25°C以下
- 密閉性：70°C ±3°C，恆溫槽中，2小時加熱在電容器外表無漏油現象
- 放電特性：內裝放電電阻，電容器於切離電源後1分鐘其殘留電壓降至50V以下
- 衝擊電壓試驗(Bil)：30kV(瓷套管)
- 耐電壓：極間2.15倍，10秒；極殼間3kV，10秒
- 外觀顏色：沙色(屋內用(圖A))；淺灰色(屋內/外共用(圖B))

Specifications

- Standard: CNS 1179, 3738 and JIS 4901.
- Location: Indoor or outdoor.
- Ambient temperature: -25°C~45°C
- Max. voltage: No more than 110% of rated voltage (8hr in every 24hr)
- Max. current: No more than 130% of rated current
- Capacity tolerances: -5% ~ +15% (Phase to phase tolerance within ±3%)
- Medium loss: <0.2W/ kVAr
- Temperature rise: When the ambient temperature is below 40°C, the temperature rise of the capacitor shall be below 25°C
- Leak test: Oil should be hold for 2hrs when heated to 70°C ±3°C.
- Discharging characteristics: with built-in discharge resistor, residual terminal voltage drops to below 50V within 1 minute after being disconnected.
- BIL: 30kV(porcelain)
- Dielectric Strength: 2.15×VAC, Term-Term (10sec), 3kV Term-Case (10sec).
- Color: sand(Indoor) ; gray(Indoor/Outdoor)

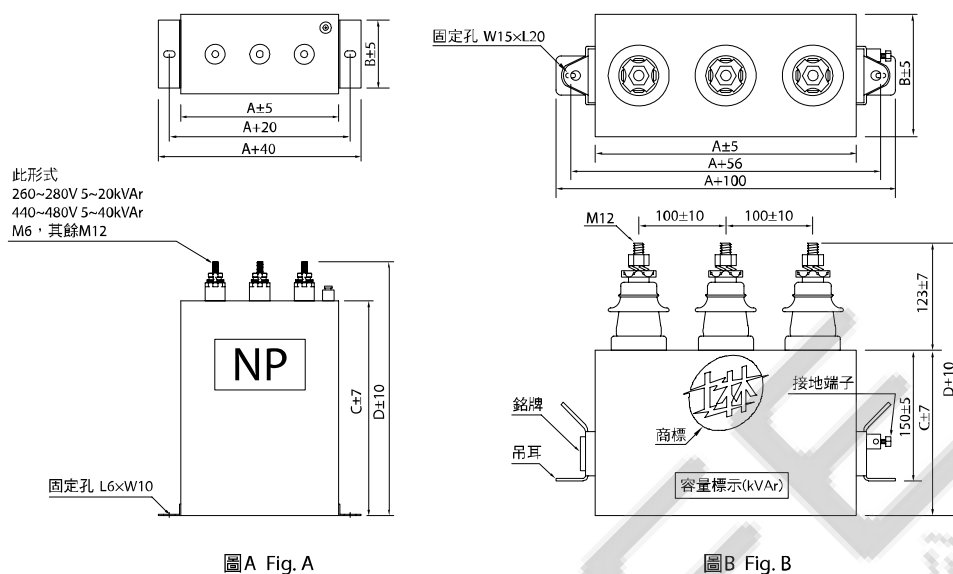
特點

- 體積小重量輕：採用耐壓及誘電性良好之金屬化塑膠薄膜捲製而成，體積小、重量輕搬運安裝極為方便。
- 介質損失小。
- 經濟性：電力使用經費可大幅節省。
- 安全性：內裝保安裝置於電壓異常時電容器內部保安動作，切斷電源可防止二次災害發生。
- 無公害：因所用絕緣油為無公害油(NON-PCB)對環境無汙染之現象。
- 外殼採用SUS430不鏽鋼

Characteristics

- Compact and light weight: It is made of high voltage endurance and excellent dielectric metallized film.
- Economical: The electricity cost can be reduced to a great scale.
- Safety: An internal protective device is installed and functions when the capacitor is under fault; cuts off power to prevent the further damage.
- Hazard free: An Eco-friendly, Non-PCB, insulation oil is used.
- Stainless Case (SUS430), ceramic bushing.

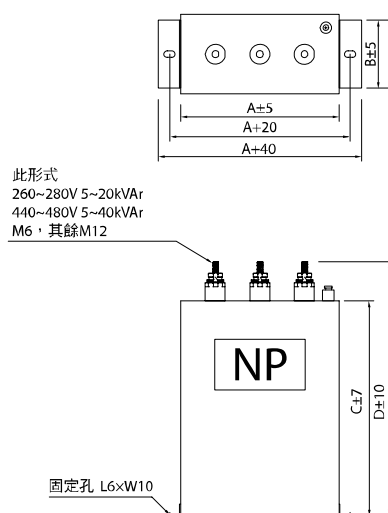
外形尺寸 Outline dimensions



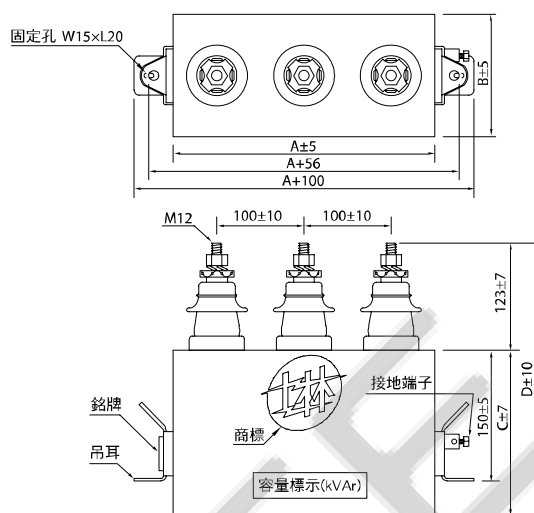
3Ø, 60Hz, 260V, 280V 油浸式 (適用於系統電壓220V)

3Ø, 60Hz, 260V, 280V Oil type (For 220V system voltage)

型號 Type	額定電壓 Rated Voltage (VAC)	容量 Capacity		電流 Current (A)	尺寸 Dimensions (mm)				圖別 Fig	概重 Weight (kg)
		(kVAr)	μ F		A	B	C	D		
SH-OI260605T	260	5	196	11.1	140	70	200	235	A	2.9
SH-OI260610T		10	392	22.2	170	70	200	235	A	3.3
SH-OI260615T		15	589	33.3	170	70	350	385	A	5.3
SH-OI260620T		20	785	44.4	170	70	350	385	A	5.3
SH-O260625T		25	981	55.5	300	120	190	313	B	13
SH-O260630T		30	1177	66.6	300	120	240	363	B	13
SH-O260635T		35	1373	77.7	300	120	240	363	B	13
SH-O260640T		40	1570	88.8	300	120	280	403	B	15
SH-O260645T		45	1766	99.9	300	120	280	403	B	15
SH-O260650T		50	1962	111.0	300	120	280	403	B	15
SH-O260655T		55	2158	122.1	300	120	280	403	B	15
SH-O260660T		60	2354	133.2	300	120	330	453	B	17
SH-O260665T		65	2551	144.3	300	120	330	453	B	17
SH-O260670T		70	2747	155.4	300	140	380	503	B	20
SH-O260675T		75	2943	166.5	300	120	380	503	B	20
SH-OI280605T	280	5	169	10.3	140	70	200	235	A	2.9
SH-OI280610T		10	338	20.6	170	70	200	235	A	3.3
SH-OI280615T		15	508	30.9	170	70	350	385	A	5.3
SH-OI280620T		20	677	41.2	170	70	350	385	A	5.3
SH-O280625T		25	846	51.5	300	120	190	313	B	6
SH-O280630T		30	1015	61.9	300	120	240	363	B	13
SH-O280635T		35	1184	72.2	300	120	240	363	B	13
SH-O280640T		40	1353	82.5	300	120	240	363	B	13
SH-O280645T		45	1523	92.8	300	140	280	403	B	15
SH-O280650T		50	1692	103.1	300	120	280	403	B	15
SH-O280655T		55	1861	113.4	300	120	280	403	B	15
SH-O280660T		60	2030	123.7	300	120	280	403	B	15
SH-O280665T		65	2199	134.0	300	120	330	453	B	17
SH-O280670T		70	2368	144.3	300	140	330	453	B	17
SH-O280675T		75	2538	154.6	300	120	330	453	B	17



圖A Fig. A



圖B Fig. B

3Ø, 60Hz, 440V, 480V 油浸式 (適用於系統電壓380V)
3Ø, 60Hz, 440V, 480V Oil type (For 380V system voltage)

型號 Type	容量 Capacity (kVA)	額定電壓 Rated Voltage 440 (VAC)		額定電壓 Rated Voltage 480 (VAC)		尺寸 Dimensions (mm)				圖別 Fig	概重 Weight (kg)
		μ F	電流 Current (A)	μ F	電流 Current (A)	A	B	C	D		
SH-OI***605T	5	69	6.6	58	6.0	140	70	200	235	A	2.9
SH-OI***610T	10	137	13.1	115	12.0	140	70	200	235	A	2.9
SH-OI***615T	15	206	19.7	173	18.0	170	70	200	235	A	3.3
SH-OI***620T	20	274	26.2	230	24.1	170	70	350	385	A	5.3
SH-OI***625T	25	343	32.8	288	30.1	170	70	350	385	A	5.3
SH-OI***630T	30	411	39.4	345	36.1	170	70	350	385	A	5.3
SH-OI***635T	35	480	45.9	403	42.1	200	70	350	385	A	6.3
SH-OI***640T	40	—	—	461	48.1	200	70	350	385	A	6.3
SH-O***640T	40	548	52.5	—	—	300	140	190	313	B	13
SH-O***650T	50	685	65.6	576	60.1	300	140	240	363	B	14
SH-O***655T	55	754	72.2	633	66.2	300	140	240	363	B	14
SH-O***660T	60	822	78.7	691	72.2	300	140	240	363	B	15
SH-O***665T	65	891	85.3	748	78.2	300	140	240	363	B	15
SH-O***670T	70	959	91.9	806	84.2	300	140	240	363	B	15
SH-O***675T	75	1028	98.4	863	90.2	300	140	280	403	B	17
SH-O***680T	80	1096	105.0	921	96.2	300	140	280	403	B	17
SH-O***685T	85	1165	111.5	979	102.2	300	140	280	403	B	17
SH-O***690T	90	1233	118.1	1036	108.3	300	140	280	403	B	17
SH-O***6100T	100	1370	131.2	1151	120.3	300	140	330	453	B	19
SH-O***6110T	110	1507	144.3	1266	132.3	300	140	330	453	B	20
SH-O***6120T	120	1644	157.5	1382	144.3	300	140	330	453	B	20

#1. 其他電壓、容量之規格，歡迎洽詢訂購。

#1. Please contact Shihlin Electric for special specifications.