

# SH Power Dry Capacitor



SH Power  
Dry Capacitor

## ■ SH Power Dry Capacitor Feature.

- ◇ It is very excellent product to have a polypropylene film with dielectric and soft resin with insulator. And They have very excellent ability that low loss, calescence reduction, prevention of oil leak, prevention of disasters.
- ◇ It has return to self- healing ability when metalized part occurred to scatter and have to assure product of long life. If It has a trouble in dielectric.
- ◇ It makes good use of field that required prevention of fire and explosion without oil.
- ◇ It use to have polyurethane soft resin with dielectric to help natural part.

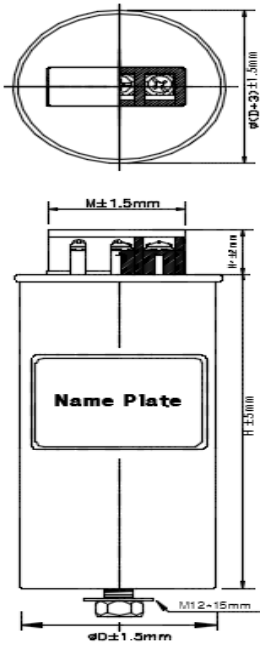
## ■ Capacity Range

	3Ø
Rated current range.	220 ~ 660V
	220 ~ 660V
Rated voltage range.	220 ~ 660V
Frequency	50hz / 60Hz

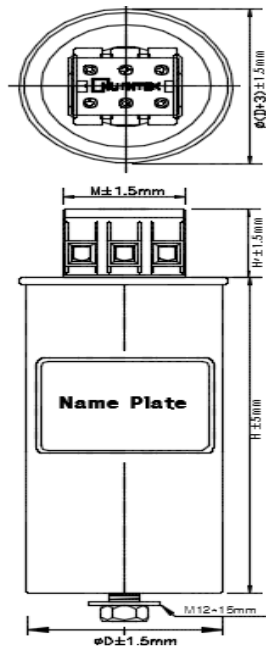
## ■ Standard and Performance

Installation place	· Indoor
Ambient temperature	· -25°C ~ +45°C(An average of below 35 degrees Celsius for 24 hours)
Maximum permissible current	· Rated normal current is below 130%
Voltage	· Mutual socket : Rated voltage × 2.15(10sec)
	· Between socket and case: 3000VAC(2sec)
Security devices	· Inner pressure Security devices.
Discharge	· For this product that discharge performance to below 75V within 3 minute.
Impregnant	· Polyurethane Soft Resin (Not use PCB'S )
Size application	· KS C 4801, KS C IEC 60831, IEC 60831
Maximum operational voltage	· Rated voltage below 110% : Within 8 hours for 24 hours.
	· Rated voltage below 115% : Within 30 minute for 24 hours.
	· Rated voltage below 120% : Within 5 minute to below 2 time for 1month.
	· Rated voltage below 130% : within 1 minute to below 2 for 1month.

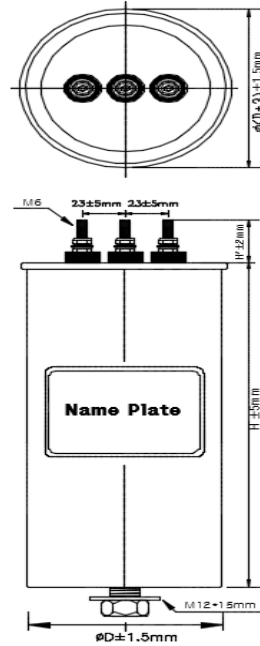
## ■ Product Type.



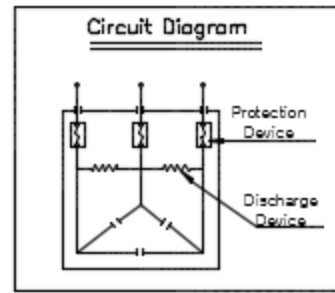
A Type



B Type

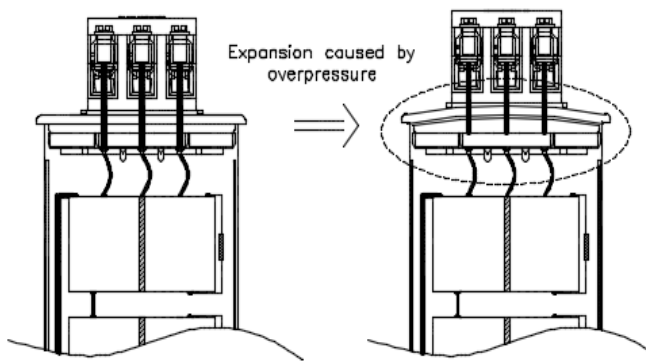


C Type



Inner Connection

## ■ Inner type of security devices



It makes a safety to shut out power supply,  
When have high internal pressure for end of life.

## ■ Parallel connection method.



Picture 1

Picture 2

Parallel capacitor exceed 50A same as picture 1,  
below 50A same as picture 2.

예) 440V 3P 60Hz 120kvar 3 of parallel connection.

: Rated current 26.2A x 3 parallel = 78.6A

: connect with picture 2

## ■ Size & Standard: 230V 50Hz

Rated Voltage [Vac]	Rated capacity		Form	Rated Current [A]	Size [mm]		TYPE
	kvar	$\mu\text{F}$			D	H	
230	5	301	KNE-2323016S	12.5	76	195	A or B
	7.5	451	KNE-2324516S	18.8	76	225	A or B
	10	602	KNE-2326026S	25.1	86	265	A or B
	12.5	752	KNE-2327526S	31.4	116	215	B or C
	15	903	KNE-2329036S	37.7	116	245	B or C
	17.5	1053	KNE-23210536S	43.9	116	275	B or C

## ■ Size & Standard: 380V 50Hz

Rated Voltage [Vac]	Rated capacity		Form	Rated Current [A]	Size [mm]		TYPE
	kvar	$\mu\text{F}$			D	H	
380	5	110	KNE-3821106S	7.6	76	165	A or B
	10	221	KNE-3822216S	15.2	76	225	A or B
	15	331	KNE-3823316S	22.8	86	280	A or B
	20	441	KNE-3824416S	30.4	116	215	B or C
	25	551	KNE-3825516S	38.0	116	245	B or C
	30	662	KNE-3829205S	45.6	116	290	B or C

## ■ Size & Standard: 400V 50Hz

Rated Voltage [Vac]	Rated capacity		Form	Rated Current [A]	Size [mm]		TYPE
	Kvar	$\mu\text{F}$			D	H	
400	5	100	KNE-4021006S	7.2	76	165	A or B
	10	199	KNE-4021996S	14.4	76	225	A or B
	15	299	KNE-4022996S	21.7	86	265	A or B
	20	398	KNE-4023986S	28.9	116	215	B or C
	25	497	KNE-4024976S	36.1	116	245	B or C
	30	597	KNE-4025976S	43.3	116	275	B or C

※ Please be sure to check to product If change a size and specification before dispatch.

## ■ Standard & Size: 415V 50Hz

Rated Voltage [Vac]	Rated capacity		Form	Rated Current [A]	Size [mm]		TYPE
	Kvar	$\mu\text{F}$			D	H	
415	5	92	KNE-4129205S	7.0	76	165	A or B
	10	185	KNE-4121856S	13.9	76	225	A or B
	15	277	KNE-4122776S	20.9	86	235	A or B
	20	370	KNE-4123706S	27.8	86	295	A or B
	25	462	KNE-4124626S	34.8	116	245	B or C
	30	554	KNE-4125546S	41.7	116	245	B or C

## ■ Standard & Size: 440V 50Hz

Rated Voltage [Vac]	Rated capacity		Form	Rated Current [A]	Size [mm]		TYPE
	Kvar	$\mu\text{F}$			D	H	
440	5	82	KNE-4428205S	6.6	76	135	A
	10	164	KNE-4421646S	13.1	76	195	A or B
	15	247	KNE-4422476S	19.7	86	235	A or B
	20	329	KNE-4423296S	26.2	86	265	A or B
	25	411	KNE-4424116S	32.8	116	215	B or C
	30	493	KNE-4424936S	39.4	116	245	B or C

## ■ Standard & Size: 480V 50Hz

Rated Voltage [Vac]	Rated capacity		Form	Rated Current [A]	Size [mm]		TYPE
	Kvar	$\mu\text{F}$			D	H	
480	5	69	KNE-4826905S	6.0	63	165	A
	10	138	KNE-4821386S	12.0	76	225	A or B
	15	207	KNE-4822076S	18.0	76	270	A or B
	20	276	KNE-4822766S	24.1	86	280	A or B
	25	346	KNE-4823466S	30.1	116	215	B or C
	30	415	KNE-4824156S	36.1	116	245	B or C

※ Please be sure to check to product If change a size and specification before dispatch.