



Summarizes

Main feature is low dissipation factor, small inherent temperature rise, excellent self-healing stability, safety and high voltage withstand, etc. It can be used widely in washing machine, water pump, air conditioner as well as household electric appliances etc. to start and run single phase motors in alternating current usage.

Technical Data

Rated Capacitance (UF)	250V.AC		400-450V.AC	
	D*H(mm)1	D*H(mm)2	D*H(mm)1	D*H(mm)2
3	Φ30*60	Φ32*55	Φ30*60	Φ32*55
4	Φ30*60	Φ32*55	Φ30*60	Φ32*55
5	Φ30*60	Φ32*55	Φ30*60	Φ32*55
6	Φ30*60	Φ32*55	Φ30*60	Φ32*55
7	Φ34*63	Φ36*58	Φ34*63	Φ36*58
8	Φ34*63	Φ36*58	Φ34*63	Φ36*58
9	Φ34*63	Φ36*58	Φ34*63	Φ36*58
10	Φ34*63	Φ36*58	Φ34*63	Φ36*58
12.5	Φ34*63	Φ36*70	Φ34*63	Φ36*70
15	Φ38*73	Φ36*70	Φ38*73	Φ36*70
16	Φ38*73	Φ36*70	Φ38*73	Φ36*70
18	Φ38*73	Φ40*70	Φ38*73	Φ40*70
20	Φ42*75	Φ40*70	Φ42*75	Φ40*70
25	Φ45*94	Φ45*92	Φ45*94	Φ45*92

CBB65A & CBB65A-1					
climatic category	Rate Voltage	Testing Voltage(FT)	Testing Voltage(T-C)	Capacitance Tolerance	Dissipation Factor
-25/70/21	370/440V	1.75Un/5S	2000V.AC/5S	±5%	=0.002
-40/85/21	AC	(2Un/5S)		±10%	100Hz

Rated Voltage Capacitance Range	CD60-B			
	110-125V	165V	220-250V	330V
D*H				
21-25	36.5*69.85	36.5*69.85	36.5*69.85	36.5*85.72
25-30	36.5*69.85	36.5*69.85	36.5*69.85	36.5*85.72
30-36	36.5*69.85	36.5*69.85	36.5*69.85	36.5*85.72
43-53	36.5*69.85	36.5*69.85	36.5*69.85	46.02*85.72
53-64	36.5*69.85	36.5*69.85	36.5*69.85	46.02*85.72
67-77	36.5*69.85	36.5*69.85	36.5*69.85	46.02*85.72
88-108	36.5*69.85	36.5*69.85	46.02*85.72	46.02*85.72
124-149	36.5*69.85	36.5*69.85	46.02*85.72	52.37*111.12
161-193	36.5*69.85	36.5*85.72	52.37*85.72	52.37*111.12
200-240	36.5*69.85	46.02*85.72	52.37*85.72	52.37*111.12

Rated Capacitance (UF)	CBB61	
	250V.AC L*W*H(mm)	400-450V.AC L*W*H(mm)
1	37*11*25	37*11*25
1.2	37*11*25	37*11*25
1.5	37*14*26	37*14*26
2	37*17*27	37*17*27
2.5	37*17*27	37*17*27
3	37*20*27	37*20*27
4	47*18*33	47*18*33
5	47*18*33	47*18*33
6	47*18*34	47*18*34
8	50*23*40	50*23*40
10	50*23*40	50*23*40



Capacitor

Rated Capacitance (UF)	Rated Voltage(V)	CBB65A-2 Dimension(mm)		
		L	W	H
10	280	31.5	51.5	65
22.5		38.1	66.6	100
48		45	71	100
10	330	31.5	51.5	100
13.5		38.1	66.6	75
17.5		38.1	66.6	100
9.75	480	38.1	66.6	75
20		45	71	100
24		45	71	100
26	540	45	71	125
30		45	71	135
32		45	71	100

Rated Capacitance (UF)	Rated Voltage(V)	CBB65A-3 Dimension(mm)			
		D	H	L	M
25	240	45	75	18	8*10
55	240	50	100	18	8*10
10	280	40	65	16	8*10
35	300	45	100	18	8*10
69	300	55	100	20	10*10
10	400	45	75	18	8*10
15	400	45	85	18	8*10
24	400	50	100	18	8*10
24	525	55	100	20	10*10
26	540	55	100	20	10*10
30	540	55	110	20	10*10

Microfarad(UF)	Voltage(V)	Voltage(V)
1	250	450
2	250	450
3	250	450
4	250	450
5	250	450
6	250	450
7	250	450
8	250	450
10	250	450
12	250	450

Capacitor



Hard Start Capacitor Kits

RCO Series Relay, Overload & Start Capacitor SUPCO TYPE

Part No	Gemline	Robertshaw	H.P.	Voltage
RC0410	HS410	600-410	1/4, 1/3	115V
RC0810	HS810	600-810	1/12 thru 1/5	115V



Hard Start Kits

Part No	Voltage	H.P.	Capacitor
HS600	115-277V	1/2-5	43-52 μF
HS650	115-227V	1/2-10	130-156 μF

Relay and Hard Start Capacitor

Relay and Hard Start Capacitor

Part No	Increased Torque
SPP5	300%(270oz.in.)
SPP6	500%(390oz.in.)
SPP8	690%(520oz.in.)



Part No	Operating Voltage(V)	Equipment Range(HP)	Recommended Range(HP)	Capacitor (μF)
SPP4E	90-130	1/12 to 1	1/8 to 1	88-106
SPP5E	90-277	1/12 to 10	1/3 to 2	43-52
SPP6E	90-277	1/12 to 10	1/2 to 3	88-106
SPP7E	90-277	1/12 to 10	1 to 4	130-156
SPP8E	90-277	1/12 to 10	1 to 5	189-227