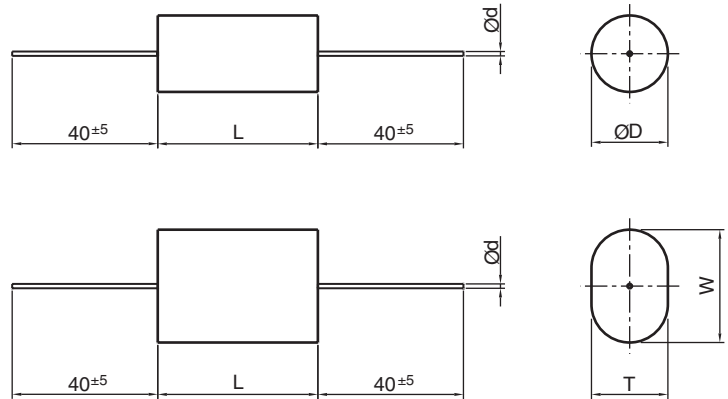


MKP Series

## AXIAL CAPACITORS PCB APPLICATIONS

### General characteristics

- Self-Healing
- Low losses
- High ripple current
- High contact reliability
- Suitable for high frequency applications

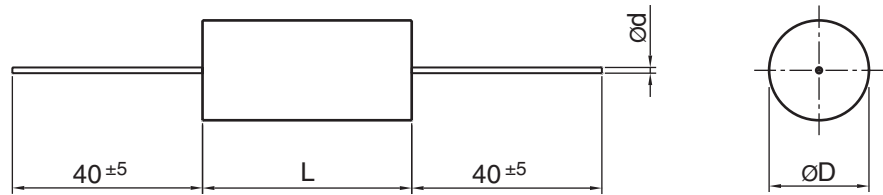


D	< 10 mm	>10 mm ≥ 22mm	> 22 mm
d	0.8 mm 20 AW	1 mm 18 AWG	1.2 mm 16 AW

### Technical data

General technical data	VDE 0560 - IEC61071 - EN6107
Application class (DIN 40040)	GPD / LS
Temperature range (Case)	-40 to + 85 °C
Max permissible ambient temperature (operation at rated power, rated current and natural cooling)	+70 °C
Capacitance tolerance code (15 <sup>th</sup> digit)	J = ± 5%; K = ± 10%
Peak non-repetitive max current	IPKR x 1.
Test voltage terminal to terminal UTT	2 UN for 10 seconds
Insulation resistance test conditions	Temperature: +25 °C ± 5% Voltage charge time: 1 minute Test voltage: 100 DC Typical value (Ris x C): 3000 seconds
Test voltage terminal to case UTC	3KV- 50Hz for 60 seconds
Dissipation factor (tgδ)	≤ 5 x 10 <sup>-4</sup> at 1 KHz and 20 °C
Damp heat test - Test conditions	Temperature: +40 °C - Relative humidity: 93% ±2 Test duration: 56 days
Performances	Capacitance change: ≤ ± 5% tgδ change: ≤ 50% of nominal value at 1 KHz Insulation resistance: ≤ 50% of limit value
IEC climatic category	40 / 85 / 56 according to IEC 68-1
Capacitance deviation in the operating temperature range of -40 to +85 °C	±1.5% max on capacitance value measured at +20 °C
Change of capacitance versus operating time	-3% after 30.000 Hours at URMS or after 100.000 Hours at UN
Protection	Polyester wrapping with epoxy resin fill
Flame retardant (IEC 384-1)	Standard execution: not flame retardant 4 <sup>th</sup> digit code On request flame retardant execution category C, 4 <sup>th</sup> digit code S
Lead	Tinned copper (medium lead content 5%)
Installation	Whatever Position
Life Expectancy	≥ 30.000 Hours at URMS; ≥ 100.000 Hours at UN
Failure quota	300 / 10 <sup>9</sup> components hour
Vibration strength	DIN 40040, Table 6, Class V

MKP Series  
**AXIAL CAPACITORS**  
**SNUBBER APPLICATIONS**



**Peak voltage table**

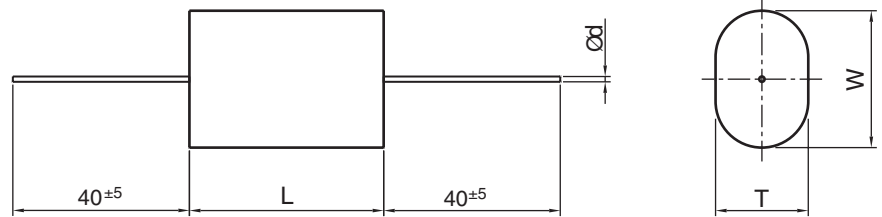
Un	850 V	1200 V	2000 V	3000 V
$\hat{U}_{max}$	1200 V	1600 V	2400 V	3500 V

**GENERAL CHARACTERISTICS**

Code	C µF	Un V-	URMS V~	dV/dt V/µs	IPKR A	ESR Max @100KHz mΩ	IRMS 100KHz @ 70°C A	DIMENSIONS Max mm		
								D	L	d
C.4C.AMUB3100AA0J	0,1	850	450	450	45	16,6	5	10,5	33,0	0,8
C.4C.AMUB3150AA0J	0,15	850	450	450	68	11,5	7	12,5	33,0	0,8
C.4C.AMUC3220AA0J	0,22	850	450	450	99	8,1	9	15,5	33,0	1,0
C.4C.AMUC3330AA0J	0,33	850	450	450	149	5,8	9	18,5	33,0	1,0
C.4C.AMUC3470AA0J	0,47	850	450	450	212	4,6	9	21,5	33,0	1,0
C.4C.AMUC3680AA1J	0,68	850	450	300	204	5,1	9	21,0	44,0	1,0
C.4C.AMUD4100AA1J	1	850	450	300	300	3,8	12	25,0	44,0	1,2
C.4C.AMUD4150AA1J	1,5	850	450	300	450	3,1	12	30,5	44,0	1,2
C.4C.AMUD4200AA3J	2	850	450	200	400	3,8	12	28,5	58,0	1,2
C.4C.AMUD4220AA3J	2,2	850	450	200	440	3,7	12	29,5	58,0	1,2
C.4C.AMUD4250AA3J	2,5	850	450	200	500	3,5	12	31,5	58,0	1,2
C.4C.APUB2470AA0J	0,047	1200	500	700	33	27,1	4	10,0	33,0	0,8
C.4C.APUB2680AA0J	0,068	1200	500	700	48	19,1	5	12,0	33,0	0,8
C.4C.APUB3100AA0J	0,1	1200	500	700	70	13,4	7	14,0	33,0	0,8
C.4C.APUC3150AA0J	0,15	1200	500	700	105	9,2	9	17,5	33,0	1,0
C.4C.APUC3220AA0J	0,22	1200	500	700	154	6,8	9	20,5	33,0	1,0
C.4C.APUC3330AA1J	0,33	1200	500	450	149	7,2	9	20,0	44,0	1,0
C.4C.APUC3470AA1J	0,47	1200	500	450	212	5,6	9	23,0	44,0	1,0
C.4C.APUD3680AA1J	0,68	1200	500	450	306	4,2	12	27,5	44,0	1,2
C.4C.APUD4100AA1J	1	1200	500	450	450	3,5	12	33,0	44,0	1,2
C.4C.APUD4120AA3J	1,2	1200	500	275	330	4,5	12	29,0	58,0	1,2
C.4C.APUD4150AA3J	1,5	1200	500	275	413	4,0	12	32,0	58,0	1,2
C.4C.AWUB2220AA0J	0,022	2000	630	1150	25	48,2	3	10,5	33,0	0,8
C.4C.AWUB2330AA0J	0,033	2000	630	1150	38	32,5	4	12,5	33,0	0,8
C.4C.AWUC2470AA0J	0,047	2000	630	1150	54	23,0	6	15,0	33,0	1,0
C.4C.AWUC2680AA0J	0,068	2000	630	1150	78	16,3	7	17,5	33,0	1,0
C.4C.AWUC3100AA0J	0,1	2000	630	1150	115	11,6	9	20,5	33,0	1,0
C.4C.AWUC3150AA1J	0,15	2000	630	700	105	11,3	9	19,5	44,0	1,0
C.4C.AWUD3220AA1J	0,22	2000	630	700	154	8,0	12	23,5	44,0	1,2
C.4C.AWUD3330AA1J	0,33	2000	630	700	231	5,9	12	28,5	44,0	1,2
C.4C.AWUD3470AA1J	0,47	2000	630	700	329	4,8	12	33,5	44,0	1,2
C.4C.AWUD3560AA3J	0,56	2000	630	400	224	6,1	12	29,0	58,0	1,2
C.4C.AWUD3680AA3J	0,68	2000	630	400	272	5,4	12	32,0	58,0	1,2
C.4C.AYUB1680AA0J	0,0068	3000	750	2100	14,5	132,0	2	10,0	33,0	0,8
C.4C.AYUB2100AA0J	0,01	3000	750	2100	21	90,3	3	12,0	33,0	0,8
C.4C.AYUC2150AA0J	0,015	3000	750	2100	32	60,5	4	14,5	33,0	1,0
C.4C.AYUC2220AA0J	0,022	3000	750	2100	46	41,6	5	17,0	33,0	1,0
C.4C.AYUC2330AA0J	0,033	3000	750	2100	69	28,3	6	20,5	33,0	1,0
C.4C.AYUC2470AA1J	0,047	3000	750	1250	59	25,7	7	19,0	44,0	1,0
C.4C.AYUC2680AA1J	0,068	3000	750	1250	85	18,3	9	22,5	44,0	1,0
C.4C.AYUD3100AA1J	0,1	3000	750	1250	125	12,8	12	27,0	44,0	1,2
C.4C.AYUD3150AA1J	0,15	3000	750	1250	188	9,2	12	32,0	44,0	1,2
C.4C.AYUD3220AA3J	0,22	3000	750	750	165	9,5	12	31,0	58,0	1,2

MKP Series

## AXIALFLAT CAPACITORS SNUBBER APPLICATIONS



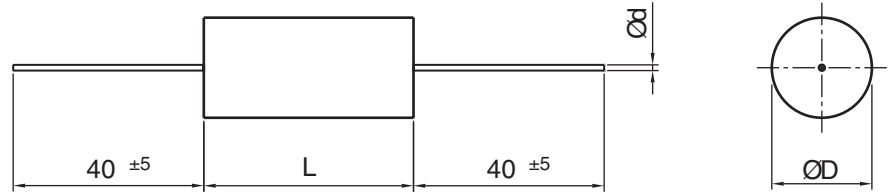
### Peak voltage table

Un	850 V	1200	2000 V	3000
Ūmax	1200 V	1600	2400 V	3500

### GENERAL CHARACTERISTICS

Code	C µF	Un V-	URMS V~	dV/dt V/µs	IPKR A	ESR Max @ 100KHz mΩ	IRMS 100KHz @ 70° A	DIMENSIONS MAX mm			
								T	W	L	d
C.4H.AMUB3100AA0J	0,1	850	450	450	45	16,7	5	7,9	11,8	33,0	0,8
C.4H.AMUB3150AA0J	0,15	850	450	450	68	11,5	6	10,0	13,9	33,0	0,8
C.4H.AMUC3220AA0J	0,22	850	450	450	99	8,1	9	11,1	17,4	33,0	1,0
C.4H.AMUC3330AA0J	0,33	850	450	450	149	5,8	9	14,2	20,4	33,0	1,0
C.4H.AMUC3680AA1J	0,68	850	450	300	204	5,1	9	16,8	23,1	44,0	1,0
C.4H.AMUD4100AA3J	1.0	850	450	190	190	6,1	12	16,3	22,6	58,0	1,2
C.4H.APUB2470AA0J	0,047	1200	500	700	33	27,2	4	7,5	11,4	33,0	0,8
C.4H.APUB2680AA0J	0,068	1200	500	700	48	19,1	5	9,3	13,2	33,0	0,8
C.4H.APUB3100AA0J	0,1	1200	500	700	70	13,5	6	11,5	15,4	33,0	0,8
C.4H.APUC3150AA0J	0,15	1200	500	700	105	9,2	9	13,1	19,4	33,0	1,0
C.4H.APUC3220AA0J	0,22	1200	500	700	154	6,8	9	16,4	22,6	33,0	1,0
C.4H.APUC3330AA1J	0,33	1200	500	450	149	7,2	9	15,5	21,8	44,0	1,0
C.4H.APUC3470AA1J	0,47	1200	500	450	212	5,6	9	19,0	25,3	44,0	1,0
C.4H.APUD3680AA3J	0,68	1200	500	270	184	6,6	12	17,9	24,2	58,0	1,2
C.4H.AWUB2220AA0J	0,022	2000	630	1150	25	48,3	3	7,7	11,6	33,0	0,8
C.4H.AWUB2330AA0J	0,033	2000	630	1150	38	32,6	4	9,6	13,6	33,0	0,8
C.4H.AWUC2470AA0J	0,047	2000	630	1150	54	23,1	5	10,5	16,8	33,0	1,0
C.4H.AWUC2680AA0J	0,068	2000	630	1150	78	16,3	7	13,1	19,3	33,0	1,0
C.4H.AWUC3100AA0J	0,1	2000	630	1150	115	11,6	9	16,3	22,6	33,0	1,0
C.4H.AWUC3150AA1J	0,15	2000	630	700	105	11,3	9	15,5	21,8	44,0	1,0
C.4H.AWUD3220AA1J	0,22	2000	630	700	154	8,0	12	19,5	25,5	44,0	1,2
C.4H.AWUD3330AA3J	0,33	2000	630	410	135	9,2	12	18,4	24,7	58,0	1,2
C.4H.AYUB1680AA0J	0,0068	3000	750	2100	14,5	133,0	2	7,5	11,4	33,0	0,8
C.4H.AYUB2100AA0J	0,01	3000	750	2100	21	90,5	2	9,1	13,1	33,0	0,8
C.4H.AYUC2150AA0J	0,015	3000	750	2100	32	60,6	3	10,2	16,5	33,0	1,0
C.4H.AYUC2220AA0J	0,022	3000	750	2100	46	41,7	4	12,7	19,0	33,0	1,0
C.4H.AYUC2330AA0J	0,033	3000	750	2100	69	28,3	5	16,0	22,3	33,0	1,0
C.4H.AYUC2470AA1J	0,047	3000	750	1250	59	25,7	6	14,8	21,0	44,0	1,0
C.4H.AYUC2680AA1J	0,068	3000	750	1250	85	18,3	9	18,1	24,4	44,0	1,0
C.4H.AYUD3100AA3J	0,1	3000	750	750	75	18,9	10	17,1	23,4	58,0	1,2

MKP Series  
**AXIAL CAPACITORS**  
**SWITCHING APPLICATIONS**



**Peak voltage table**

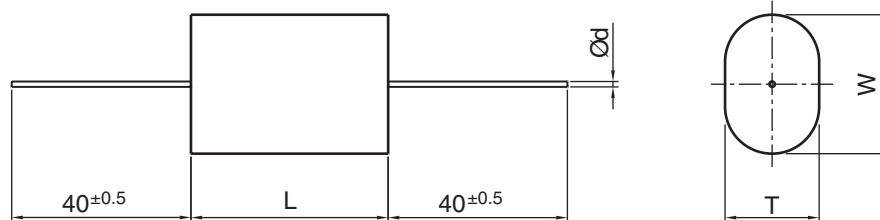
Un	250	400 V	600 V	700 V	850
Umax	400	600 V	800 V	1000 V	1200

**GENERAL CHARACTERISTICS**

Code	C µF	Un V-	URMS V~	dV/dt V/µs	IPKR A	ESR Max @ 100KHz mΩ	IRMS 100KHz @ 70°C A	DIMENSIONS MAX mm		
								D	L	d
C.4G.ADUB4100AA4J	1	250	160	60	60	6,7	6	11,0	20,5	0,8
C.4G.ADUB4220AA0J	2,2	250	160	30	66	10,9	6	11,5	33,0	0,8
C.4G.ADUB4250AA0J	2,5	250	160	30	75	9,8	7	12,0	33,0	0,8
C.4G.ADUC4300AA0J	3	250	160	30	90	8,2	8	13,5	33,0	1,0
C.4G.ADUC4330AA0J	3,3	250	160	30	99	7,5	9	14,0	33,0	1,0
C.4G.ADUC4400AA0J	4	250	160	30	120	6,4	9	15,5	33,0	1,0
C.4G.ADUC4500AA0J	5	250	160	30	150	5,4	9	17,0	33,0	1,0
C.4G.ADUC4680AA0J	6,8	250	160	30	204	4,4	9	19,5	33,0	1,0
G.4G.ADUC5100AA1J	10	250	160	20	200	5,3	9	20,0	44,0	1,0
C.4G.ADUD5150AA1J	15	250	160	20	300	3,9	12	24,5	44,0	1,2
C.4G.ADUD5200AA1J	20	250	160	20	400	3,4	12	28,0	44,0	1,2
C.4G.ADUD5250AA1J	25	250	160	20	500	3,1	12	31,0	44,0	1,2
C.4G.ADUD5300AA3J	30	250	160	15	450	4,0	12	29,0	58,0	1,2
C.4G.ADUD5400AA3J	40	250	160	15	600	3,5	12	33,5	58,0	1,2
C.4G.AFUB3470AA5J	0,47	400	250	60	28	11,1	6	9,5	28,0	0,8
C.4G.AFUB3680AA0J	0,68	400	250	45	31	11,7	6	10,0	33,0	0,8
C.4G.AFUB4100AA0J	1	400	250	45	45	8,3	7	12,0	33,0	0,8
C.4G.AFUC4150AA0J	1,5	400	250	45	68	5,8	9	14,5	33,0	1,0
C.4G.AFUC4200AA0J	2	400	250	45	90	4,7	9	16,5	33,0	1,0
C.4G.AFUC4220AA0J	2,2	400	250	45	99	4,4	9	17,5	33,0	1,0
C.4G.AFUC4250AA0J	2,5	400	250	45	113	4,0	9	18,5	33,0	1,0
C.4G.AFUC4300AA0J	3	400	250	45	135	3,6	9	20,0	33,0	1,0
C.4G.AFUC4330AA1J	3,3	400	250	30	99	5,2	9	18,0	44,0	1,0
C.4G.AFUC4400AA1J	4	400	250	30	120	4,6	9	19,5	44,0	1,0
C.4G.AFUC4470AA1J	4,7	400	250	30	141	4,1	9	21,0	44,0	1,0
C.4G.AFUC4500AA1J	5	400	250	30	150	4,0	9	21,5	44,0	1,0
C.4G.AFUD4680AA1J	6,8	400	250	30	204	3,2	12	25,0	44,0	1,2
C.4G.AFUD5100AA1J	10	400	250	30	300	2,7	12	30,0	44,0	1,2
C.4G.AFUD5150AA3J	15	400	250	20	300	4,8	12	31,5	58,0	1,2
C.4G.AHUB3470AA0J	0,47	600	330	60	28	13,1	6	11,0	33,0	0,8
C.4G.AHUB3680AA0J	0,68	600	330	60	41	9,4	7	13,0	33,0	0,8
C.4G.AHUC4100AA0J	1	600	330	60	60	6,6	9	15,5	33,0	1,0
C.4G.AHUC4200AA1J	2	600	330	40	80	6,3	9	18,5	44,0	1,0
C.4G.AHUC4220AA1J	2,2	600	330	40	88	5,2	9	19,5	44,0	1,0
C.4G.AHUC4300AA1J	3	600	330	40	120	4,8	9	22,5	44,0	1,0
C.4G.AHUD4330AA1J	3,3	600	330	40	132	4,3	12	23,5	44,0	1,2
C.4G.AHUD4400AA1J	4	600	330	40	160	3,8	12	25,5	44,0	1,2
C.4G.AHUD4470AA1J	4,7	600	330	40	188	3,5	12	27,5	44,0	1,2
C.4G.AHUD4500AA1J	5	600	330	40	200	3,4	12	28,5	44,0	1,2
C.4G.AHUD4680AA3J	6,8	600	330	30	204	6,8	12	28,5	58,0	1,2
C.4G.AHUD5100AA3J	10	600	330	30	300	5,3	12	34,5	58,0	1,2
C.4G.AJUC3470AA0J	0,47	700	400	80	38	9,5	8	14,5	33,0	1,0
C.4G.AJUC3680AA0J	0,68	700	400	80	55	7,0	9	17,0	33,0	1,0
C.4G.AJUC4100AA0J	1	700	400	80	80	5,2	9	20,5	33,0	1,0
C.4G.AJUC4150AA1J	1,5	700	400	60	90	6,4	9	20,5	44,0	1,0
C.4G.AJUD4200AA1J	2	700	400	60	120	5,0	12	23,5	44,0	1,2
C.4G.AJUD4220AA1J	2,2	700	400	60	132	4,7	12	24,5	44,0	1,2
C.4G.AJUD4300AA1J	3	700	400	60	180	3,9	12	28,5	44,0	1,2
C.4G.AJUD4330AA1J	3,3	700	400	60	198	3,7	12	30,0	44,0	1,2
C.4G.AJUD4400AA1J	4	700	400	60	240	3,5	12	33,0	44,0	1,2
C.4G.AJUD4470AA3J	4,7	700	400	40	188	7,9	12	29,5	58,0	1,2
C.4G.AJUD4500AA3J	5	700	400	40	200	7,5	12	30,5	58,0	1,2
C.4G.AJUD4680AA3J	6,8	700	400	40	272	6,1	12	35,0	58,0	1,2
C.4G.AMUB3150AA0J	0,15	850	450	210	32	14,5	5	10,0	33,0	0,8
C.4G.AMUB3220AA0J	0,22	850	450	210	46	10,3	7	12,0	33,0	0,8
C.4G.AMUC3330AA0J	0,33	850	450	210	69	7,1	9	14,5	33,0	1,0
C.4G.AMUC3470AA0J	0,47	850	450	210	99	5,4	9	17,0	33,0	1,0
C.4G.AMUC3680AA0J	0,68	850	450	210	143	4,2	9	20,5	33,0	1,0
C.4G.AMUC4100AA1J	1	850	450	140	140	4,7	9	20,5	44,0	1,0
C.4G.AMUD4150AA1J	1,5	850	450	140	210	3,5	12	24,5	44,0	1,2
C.4G.AMUD4200AA1J	2	850	450	140	280	3,1	12	28,5	44,0	1,2
C.4G.AMUD4220AA1J	2,2	850	450	140	308	3,0	12	29,5	44,0	1,2
C.4G.AMUD4250AA1J	2,5	850	450	140	350	2,9	12	31,5	44,0	1,2
C.4G.AMUD4300AA3J	3	850	450	90	270	3,6	12	28,0	58,0	1,2
C.4G.AMUD4330AA3J	3,3	850	450	90	297	3,5	12	29,5	58,0	1,2
C.4G.AMUD4400AA3J	4	850	450	90	360	3,2	12	32,5	58,0	1,2

MKP Series

## AXIAL FLAT CAPACITORS SWITCHING APPLICATIONS



### Peak voltage table

Un	250	400 V	600	700 V	850 V
Ūmax	400	600 V	800	1000 V	1200 V

### GENERAL CHARACTERISTICS

Code	C µF	Un V-	URMS V~	dV/dt V/µs	IPKR A	ESR Max @ 100KHz mΩ	IRMS 100KHz @ 70°C A	DIMENSIONS MAX mm			
								T	W	L	d
C.4M.ADUB4100AA4J	1	250	160	60	60	6,7	6	8,6	12,5	20,5	0,8
C.4M.ADUB4220AA0J	2,2	250	160	30	66	11,0	6	9,0	12,9	33,0	0,8
C.4M.ADUB4250AA0J	2,5	250	160	30	75	9,9	7	9,6	13,6	33,0	0,8
C.4M.ADUC4300AA0J	3	250	160	30	90	8,2	8	9,5	15,8	33,0	1,0
C.4M.ADUC4330AA0J	3,3	250	160	30	99	7,6	9	10,1	16,4	33,0	1,0
C.4M.ADUC4400AA0J	4	250	160	30	120	6,5	9	11,4	17,6	33,0	1,0
C.4M.ADUC4500AA0J	5	250	160	30	150	5,4	9	13,0	19,3	33,0	1,0
C.4M.ADUC4680AA0J	6,8	250	160	30	204	4,4	9	15,6	21,9	33,0	1,0
C.4M.ADUC5100AA1J	10	250	160	20	200	5,4	9	16,1	22,4	44,0	1,0
C.4M.ADUD5150AA3J	15	250	160	15	225	6,4	12	16,8	23,1	58,0	1,2
C.4M.ADUD5200AA3J	20	250	160	15	300	5,1	12	19,9	26,2	58,0	1,2
C.4M.AFUB3470AA5J	0,47	400	250	60	28	11,2	5	7,0	10,9	28,0	0,8
C.4M.AFUB3680AA0J	0,68	400	250	45	31	11,8	6	7,5	11,4	33,0	0,8
C.4M.AFUB4100AA0J	1	400	250	45	45	8,4	7	10,0	14,0	33,0	0,8
C.4M.AFUC4150AA0J	1,5	400	250	45	68	5,8	9	11,0	17,5	33,0	1,0
C.4M.AFUC4200AA0J	2	400	250	45	90	4,7	9	13,0	19,5	33,0	1,0
C.4M.AFUC4220AA0J	2,2	400	250	45	99	4,4	9	13,3	19,6	33,0	1,0
C.4M.AFUC4250AA0J	2,5	400	250	45	113	4,0	9	14,4	20,6	33,0	1,0
C.4M.AFUC4300AA0J	3	400	250	45	135	3,6	9	16,0	22,3	33,0	1,0
C.4M.AFUC4330AA1J	3,3	400	250	30	99	5,2	9	13,9	20,2	44,0	1,0
C.4M.AFUC4400AA1J	4	400	250	30	120	4,6	9	15,5	21,8	44,0	1,0
C.4M.AFUC4470AA1J	4,7	400	250	30	141	4,2	9	17,0	23,3	44,0	1,0
C.4M.AFUC4500AA1J	5	400	250	30	150	4,0	9	17,7	23,9	44,0	1,0
C.4M.AFUD4680AA3J	6,8	400	250	20	136	8,5	12	17,5	23,8	58,0	1,2
C.4M.AHUB3470AA0J	0,47	600	330	60	28	13,2	6	8,5	12,4	33,0	0,8
C.4M.AHUB3680AA0J	0,68	600	330	60	41	9,5	7	10,5	14,4	33,0	0,8
C.4M.AHUC4100AA0J	1	600	330	60	60	6,7	9	11,8	18,1	33,0	1,0
C.4M.AHUC4200AA1J	2	600	330	40	80	6,4	9	14,6	20,8	44,0	1,0
C.4M.AHUC4220AA1J	2,2	600	330	40	88	5,9	9	15,4	21,7	44,0	1,0
C.4M.AHUC4300AA1J	3	600	330	40	120	4,8	9	18,4	24,7	44,0	1,0
C.4M.AHUD4330AA3J	3,3	600	330	30	99	12,6	11	16,2	22,5	58,0	1,2
C.4M.AHUD4400AA3J	4	600	330	30	120	10,6	12	18,1	24,3	58,0	1,2
C.4M.AHUD4470AA3J	4,7	600	330	30	141	9,3	12	19,8	26,1	58,0	1,2
C.4M.AJUC3470AA0J	0,47	700	400	80	38	9,6	8	10,6	16,9	33,0	1,0
C.4M.AJUC3680AA0J	0,68	700	400	80	55	7,0	9	13,2	19,5	33,0	1,0
C.4M.AJUC4100AA0J	1	700	400	80	80	5,3	9	16,5	22,8	33,0	1,0
C.4M.AJUC4150AA1J	1,5	700	400	60	90	6,5	9	16,6	22,9	44,0	1,0
C.4M.AJUD4200AA3J	2	700	400	40	80	16,4	10	15,7	22,0	58,0	1,2
C.4M.AJUD4220AA3J	2,2	700	400	40	88	15,0	11	16,6	22,9	58,0	1,2
C.4M.AJUD4300AA3J	3	700	400	40	120	11,4	12	19,8	26,1	58,0	1,2