

# Hochkapazitive Becherelkos

## Large Size Type

### Axiale Elkos

# Schraub-/Lötanschluss, gepolt, isoliert, schaltfest

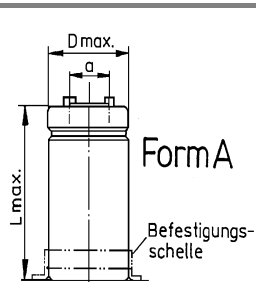
## Terminal-/Solder Pins, Polarized, Insulated, Pulse-Proof

### Axial Lead Types

**Befestigung / Mounting**  
Schelle, Gewindezapfen  
clamp, thread cone

**Form A: Schraubanschluss mit Schellenbefestigung**  
screw terminal with clamp

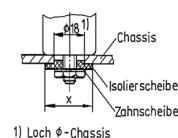
**Form B: Zapfen und Schraubanschluss**  
thread cone and screw terminal



Becherelko

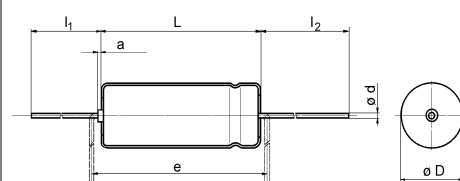


Form B



Gewindezapfen  
Thread cone

Elko axial



| Baureihen                                                                                             | EBH-NV                                                                                                            | EBH-HV                                      | EAG                                                               |
|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-------------------------------------------------------------------|
| Anwendungshinweise<br>Applications, Features                                                          | lange Lebensdauer, hohes C x U<br>long life grade, high C x U                                                     |                                             | allgemeine Anwendung<br>general purpose                           |
| Temperaturbereich<br>Temperature Range                                                                | - 40 ... + 105°C                                                                                                  | - 40 ... + 105°C                            | - 40 ... + 85°C (+ 105°C)                                         |
| Brauchbarkeitsdauer<br>Useful Life                                                                    | min 4 000 h / 105°C<br>min 370 000 h / 40°C                                                                       | min 3 000 h / 105°C<br>min 300 000 h / 40°C | min 1 500 h / 105°C<br>min 140 000 h / 40°C                       |
| Spezifikation<br>Specification                                                                        | DIN IEC 60384-1, -4, DIN EN 130 000, DIN EN 130 300<br>ohne Gütebestätigung (GB) / without quality assesment (QA) |                                             | CECC 30301-044 DIN 45910-126<br>ohne Gütebestätigung / without QA |
| Kapazitätstoleranz<br>Capacitance Tolerance                                                           | - 10 ... + 50 %                                                                                                   | - 10 ... + 50 %                             | ± 20 %                                                            |
| abweichende Kapazitätstoleranzen sind auf Anfrage lieferbar / other capacitance tolerances on request |                                                                                                                   |                                             |                                                                   |

| Kapazität<br>Capacitance<br>C (µF) | Nennspannung / Rated Voltage |    |          |    |    |          |                          |          | Kapazität<br>Capacitance<br>C (µF) | Nennspannung / Rated Voltage |     |     |     |     |     |                              |      | Kapazität<br>Capacitance<br>C (µF) | Nennspannung / Rated Voltage |             |    |    |    |     |  |  |
|------------------------------------|------------------------------|----|----------|----|----|----------|--------------------------|----------|------------------------------------|------------------------------|-----|-----|-----|-----|-----|------------------------------|------|------------------------------------|------------------------------|-------------|----|----|----|-----|--|--|
|                                    | 10                           | 16 | 25       | 35 | 40 | 50       | 63                       | 100      |                                    | 160                          | 200 | 250 | 350 | 400 | 450 | 6,3                          | 10   |                                    | 16                           | 25          | 40 | 50 | 63 | 100 |  |  |
| 1 800                              |                              |    |          |    |    |          |                          | AA       |                                    |                              |     |     |     |     |     | 4,7                          |      |                                    |                              |             |    |    |    | LD  |  |  |
| 2 200                              |                              |    |          |    | AA | AA       | AA                       | AA       | 220                                | AA                           | AA  | AA  | AA  | AA  | AA  | 10                           |      |                                    |                              |             |    |    | LD | LD  |  |  |
| 2 700                              |                              |    |          |    | AA | AA       | AA                       | AB       | 270                                | AA                           | AA  | AA  | AA  | AB  | AB  | 22                           |      |                                    |                              |             |    | LD | KD | LS  |  |  |
| 3 300                              |                              |    |          |    | AA | AA       | AA                       | AB       | 330                                | AA                           | AA  | AA  | AA  | AB  | AB  | 33                           |      |                                    |                              |             |    | LD | LD | LS  |  |  |
| 3 900                              |                              |    |          |    | AA | AA       | AA                       | AB       | 390                                | AA                           | AA  | AA  | AB  | AB  | AC  | 47                           |      |                                    |                              | LD          | LD | LD | LD | MT  |  |  |
| 4 700                              |                              |    |          |    | AA | AA       | AA                       | AC       | 470                                | AA                           | AA  | AA  | AB  | AC  | AC  | 100                          |      |                                    | LD                           | LD          | LS | LS | LS | FT  |  |  |
| 5 600                              |                              |    |          |    | AA | AA       | AB                       | AC       | 560                                | AA                           | AA  | AB  | AC  | AC  | BB  | 220                          |      | LD                                 | LD                           | LD          | LS | MT | MT | NU  |  |  |
| 6 800                              |                              |    |          |    | AA | AA       | AB                       | AB<br>BB | 680                                | AA                           | AA  | AB  | AC  | BB  | BB  | 330                          | LD   | LD                                 | LS                           | MT          | FU | FU | FU | NV  |  |  |
| 8 200                              |                              |    |          | AA | AA | AA       | AB                       | BB       | 820                                | AA                           | AB  | AB  | BB  | BB  | BB  | 470                          | LS   | LS                                 | LS                           | MT          | FU | FU | NU | JV  |  |  |
| 10 000                             |                              |    |          | AA | AA | AB<br>AA | AC                       | BB       | 1 000                              | AB                           | AB  | AC  | BB  | BC  | BC  | 1000                         | MT   | MT                                 | MT                           | FU          | NU | NV | JV | PV  |  |  |
| 12 000                             |                              |    |          | AA | AA | AB       | AC                       | BB       | 1 200                              | AB                           | AC  | AC  | BB  | BC  | BC  | 2 200                        | FU   | FU                                 | NU                           | NU          | NV | OV | PW | QW  |  |  |
| 15 000                             |                              |    | AA       | AB | AB | AC<br>AB | BB                       | BC       | 1 500                              | AC                           | AC  | BB  | BC  | BD  | BD  | 3 300                        | FV   | NU                                 | NV                           | NV          | OV | PW | QW | RX  |  |  |
| 18 000                             |                              |    | AA       | AB | AB | AC       | BB                       | CC       | 1 800                              | AC                           | BB  | BB  | BD  | CC  | CC  | 4 700                        | NV   | NV                                 | JV                           | OV          | PW | QW | QW |     |  |  |
| 22 000                             |                              | AA | AB       | AB | AC | BB       | BC                       | CC       | 2 200                              | BB                           | BB  | BC  | BD  | CC  | CC  | 6 800                        | JV   | JV                                 | OV                           | PW          | QW | QX | RX |     |  |  |
| 27 000                             |                              | AA | AB       | AC | AC | BB       | BC                       | CC       | 2 700                              | BB                           | BB  | BC  | CC  | CD  | CD  | 10 000                       | JV   | OV                                 | PW                           | QW          | QX | RX |    |     |  |  |
| 33 000                             | AA                           | AB | AC<br>AB | AC | BB | BC       | CC                       | CD       | 3 300                              | BC                           | BC  | BD  | CC  | CD  |     | 22 000                       | PW   | QW                                 | QX                           | RX          |    |    |    |     |  |  |
| 39 000                             | AA                           | AB | AC       | BB | BB | BC       | CC                       |          | 3 900                              | BD                           | BD  | CC  | CD  |     |     | 33 000                       | QW   | QX                                 | RW                           | RX          |    |    |    |     |  |  |
| 47 000                             | AA                           | AB | AC       | BB | BB | BC       | CC                       |          | 4 700                              | BD                           | CC  | CC  |     |     |     | 47 000                       | RX   | RX                                 | RX                           |             |    |    |    |     |  |  |
| 56 000                             | AB                           | AC | BB       | BC | BC | CC       | CD                       |          | 5 600                              | CC                           | CC  | CD  |     |     |     |                              |      |                                    |                              |             |    |    |    |     |  |  |
| 68 000                             | AB                           | AC | BB       | BC | CC | CC       | CD                       |          | 6 800                              | CC                           | CD  |     |     |     |     | Abmessung / Size: D x L (mm) |      |                                    |                              |             |    |    |    |     |  |  |
| 82 000                             | AC                           | BB | BC       | CC | CC | CC       |                          |          | 8 200                              | CD                           |     |     |     |     |     | 1. Stelle=D                  |      |                                    |                              | 2. Stelle=L |    |    |    |     |  |  |
| 100 000                            | AC                           | BB | BC       | CC | CC | CD       |                          |          |                                    |                              |     |     |     |     |     |                              |      |                                    |                              |             |    |    |    |     |  |  |
| 120 000                            | BB                           | BB | CC       | CD | CD |          | Abmessung / Size:        |          |                                    |                              |     |     |     |     |     | L                            | 9,0  |                                    | D                            | 16,5        |    |    |    |     |  |  |
| 150 000                            | BB                           | BC | CC       |    |    |          | D x L (mm)               |          |                                    |                              |     |     |     |     |     | M                            | 10,5 |                                    | S                            | 20,5        |    |    |    |     |  |  |
| 180 000                            | BC                           | CC | CD       |    |    |          | 1. Stelle=D              |          | 2. Stelle=L                        |                              |     |     |     |     |     | F                            | 12,5 |                                    | T                            | 26,5        |    |    |    |     |  |  |
| 220 000                            | BC                           | CC | CD       |    |    |          | A                        | 36       | A                                  | 58                           |     |     |     |     |     | N                            | 14,5 |                                    | U                            | 30,5        |    |    |    |     |  |  |
| 270 000                            | CC                           | CD |          |    |    |          | B                        | 51       | B                                  | 83                           |     |     |     |     |     | J                            | 16,5 |                                    | V                            | 35,5        |    |    |    |     |  |  |
| 330 000                            | CC                           | CD |          |    |    |          | C                        | 66       | C                                  | 103                          |     |     |     |     |     | O                            | 18,5 |                                    | W                            | 40,5        |    |    |    |     |  |  |
| 390 000                            | CC                           |    |          |    |    |          |                          |          |                                    | D                            | 123 |     |     |     |     | P                            | 21,5 |                                    | X                            | 50,5        |    |    |    |     |  |  |
| 470 000                            | CC                           |    |          |    |    |          | Abmessungen/Size AD + BD |          |                                    |                              |     |     |     |     |     | Q                            | 25,5 |                                    |                              |             |    |    |    |     |  |  |
| 560 000                            | CD                           |    |          |    |    |          | auf Anfrage / on request |          |                                    |                              |     |     |     |     |     | R                            | 30,5 |                                    |                              |             |    |    |    |     |  |  |