

Filter Cartridge Housing BECO INTEGRA® CART KL0 Range

Eaton's BECO INTEGRA CART KL0 filter cartridge housings are manufactured of stainless steel AISI 316L and designed for gas or steam filtration.

Special Features

- Corrosion resistant, stainless steel AISI 316L material
- Increased safety through the use of code 7 adapters (double-leaf bayonet locking)
- The optimized housing design allows thorough and fast cleaning
- Suitable for filtration of gases and particle filtration of steam
- Suitable for hot water or steam sterilization

Application

All BECO INTEGRA CART KL0 filter cartridge housings are designed for the filtration of media of fluid group 2 according to the Pressure Equipment Directive PED 2014/68/EU. Different stack heights of 10" to 30" allow perfect adaptation of housing size to the filtered product. Thanks to an optimized filtrate area design and a special surface finish, this housing can be perfectly cleaned and sterilized.

BECO INTEGRA CART cartridge housings accept BECO® filter cartridges with code 7 adapter.

Technical Data

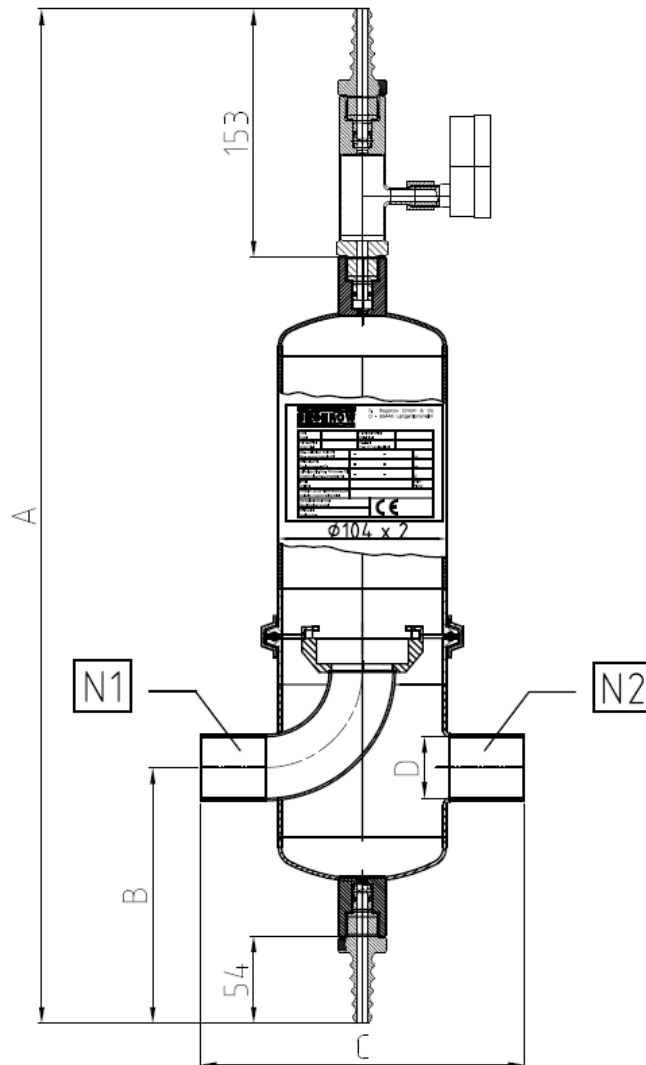
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|--|-------------------------------|
| Max. permissible operating pressure: | 145 psi (1,000 kPa/10 bar) |
| Max. permissible operating temperature: | 284 °F (140 °C) |



KL0-housing with G ½" connections

| | |
|----------------------------------|--|
| Product contacting parts: | Stainless steel AISI 316L |
| Gasket: | EPDM |
| Housing is suitable for: | Media of fluid group 2 according to PED 2014/68/EU |
| Housing connections: | See table (N1/N2) |
| Housing closure: | Tri-Clamp |
| Vent N3: | Sanitary valve G ½" |
| Drain N4: | Sanitary valve G ½" |
| Fittings: | Vent and drain units are included in the scope of supply |

| Item no. | No. of filter cartridges | Length of filter cartridge in | Dimensions in (mm) | | | | Connections N1/N2 | Weight lb (kg) | Volume gal (l) | Permissible pressure psi (bar) | Permissible temperature °F (°C) |
|----------|--------------------------|----------------------------------|--------------------|---------------|----------------|--------------|----------------------|-------------------|-------------------|-----------------------------------|------------------------------------|
| | | | A | B | C | D | | | | | |
| KL011040 | 1 | 10" | 29.96 (761) | 6.22 (158) | 7.87 (200) | 1.58 (40) | DN 40 | 14.3 (6.5) | 1.00 (3.8) | -14.5/+145 (-1/+10) | 14/284 -10/+140 |
| KL012040 | 1 | 20" | 39.80 (1,011) | 6.22 (158) | 7.87 (200) | 1.58 (40) | DN 40 | 17.2 (7.8) | 1.51 (5.7) | -14.5/+145 (-1/+10) | 14/284 -10/+140 |
| KL013040 | 1 | 30" | 49.65 (1,261) | 6.22 (158) | 7.87 (200) | 1.58 (40) | DN 40 | 19.8 (9.0) | 2.01 (7.6) | -14.5/+145 (-1/+10) | 14/284 -10/+140 |
| KL013065 | 1 | 30" | 49.65 (1,261) | 6.22 (158) | 8.74 (222) | 2.56 (65) | DN 65 | 19.8 (9.0) | 2.01 (7.6) | -14.5/+145 (-1/+10) | 14/284 -10/+140 |
| KL0110GA | 1 | 10" | 29.96 (761) | 6.22 (158) | 7.09 (180) | 0.63 (16) | ½" male thread | 14.3 (6.5) | 1.00 (3.8) | -14.5/+145 (-1/+10) | 14/284 -10/+140 |
| KL0130GA | 1 | 30" | 49.65 (1,261) | 6.22 (158) | 11.26 (286) | 1.50 (38) | 2 ½" male thread | 19.8 (9.0) | 2.01 (7.6) | -14.5/+145 (-1/+10) | 14/284 -10/+140 |



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