

## INTEGRATED GREASE SEPARATOR

For animal and vegetable fats, oils and greases

### PRODUCT DESCRIPTION

**ESEP** reinforced concrete "integrated grease separator" for animal and vegetable fats, oils and greases, with vertically integrated sludge trap, series **KVI 4000**, capacity **20 l/s**. Manhole cover concrete-cast iron combination. Optionally provided with internal HDPE protective lining.

### APPLICATIONS

Grease separators and sludge traps are widely used in areas where professional preparation of food takes place, and other companies where greases and oils of vegetable or animal origin may contaminate the water effluent, e.g.:

- Hotels
- Restaurants
- Canteens
- Elderly centres
- Hospitals
- Butcheries
- Soap and stearin factories
- Oil mills
- Margarine and vegetable oil factories
- Fast-food preparation plants

### QUALITY

- Constructed and designed for static loads in accordance with NEN-EN 1825 - BRL 5252
- Concrete quality in accordance with NEN-EN 206-1 and NEN-EN 8005, minimum C60/75 environmental classification XA3.
- CE certified

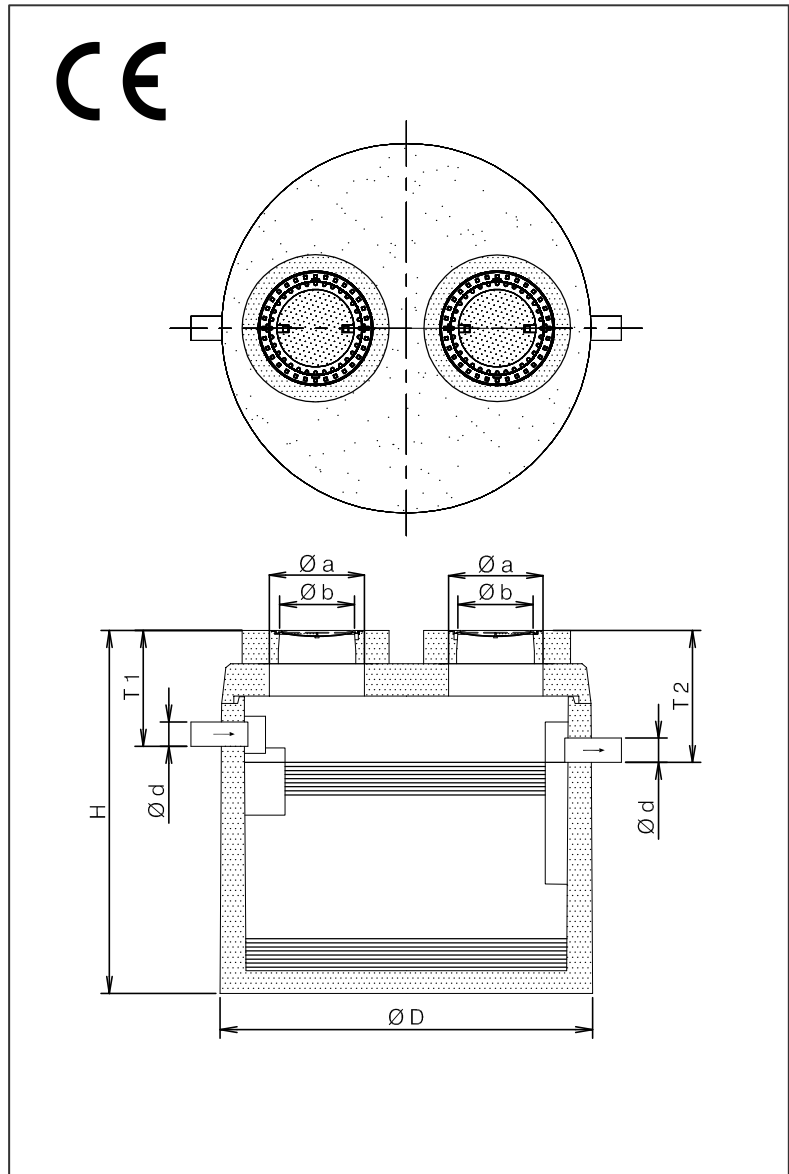
Manhole cover:

- Cast iron-concrete combination conform NEN-EN 124 class B 125 kN
- or class D 400 kN wheel pressure

Optional:

- Provided with internal HDPE lining, tested by KIWA-TNO on chemical resistance in accordance with NEN-EN 858 - BRL 5251

### DRAWING



### SPECIFICATIES

Type	l/s	I*	O*	Ø D	Ø d	H	T 1	T 2	Ø a	Ø b	Kg.	Kg.*
KVI 4020	20	2000	840	2240	200	2280	720	795	800	610	7020	4799

I\* = Volume of sludge trap (litres).

O\* = Storage volume of oil/fat (litres).

S = Adjustable height by using concrete extension rings.

Available in heights 100, 200, 300 and 500 mm. To be installed water-tight.

Kg.\* = Weight of heaviest component.