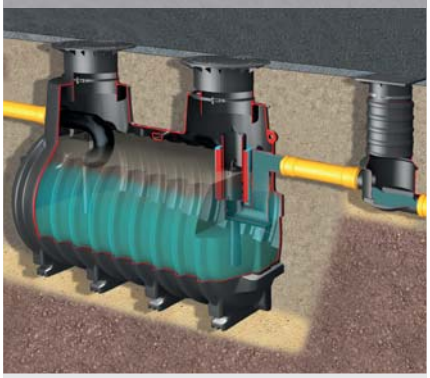
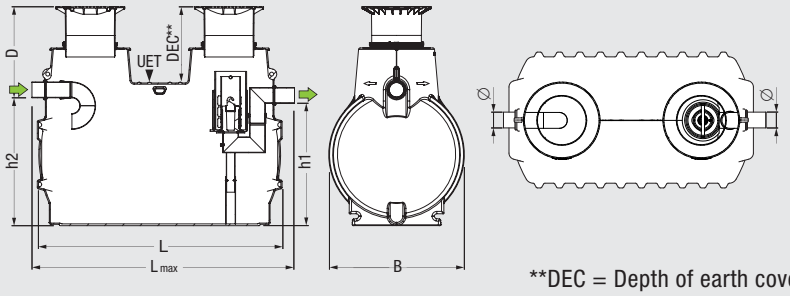
Coalescence separator — NS 3 - NS 15

Illustration	Article description	NS	Total volume	Article #
Suitable for filling stations with high-performance filling pumps, E10 and biodiesel fuels 	**Coalescence separator NS 3 - NS 15, class I** 1	NS 3	1800	**99 503.10B EX**
	☐ according to EN 858, made of polymer	NS 6	4300	**99 706.30B EX**
	For underground installation, installation depth D = ... mm	NS 6	5800	**99 706.80B EX**
		NS 10	2600	**99 710.15B EX**
	With integrated sludge trap and self-actuated closure lock, calibrated for light liquid with densities between 0.85 to 0.95 g/cm³.	NS 10	4300	**99 710.30B EX**
		NS 10	5800	**99 710.80B EX**
		NS 15	5800	**99 715.80B EX**
	With removable coalescence filter.			
	Upper sections made of polymer, continuous height and level adjustment, tiltable to 5°, with covers according to EN 124 in cast iron, including removal mechanism, private vehicle traffic proof, class B (depth of earth coverage DEC 700 to 1800 mm), traffic proof for heavy duty vehicles, class D (depth of earth coverage DEC 700 to 1500 mm and additional concrete slab provided on-site), certified statics, Inlet and outlet ∅ ... for synthetic material pipes in: PE-HD (according to EN 12666-1); PVC pipe (according to EN 1401-1); PP or AS.	2 NS 3	1800	**99 503.10D EX**
		NS 6	4300	**99 706.30D EX**
		NS 6	5800	**99 706.80D EX**
		NS 10	2600	**99 710.15D EX**
		NS 10	4300	**99 710.30D EX**
		NS 10	5800	**99 710.80D EX**
		NS 15	5800	**99 715.80D EX**
	Choose separator size and article number from table below. Contact KESSEL for separator sizing support if required.			
	1 **Cover class A/B**			
	2 **Cover class D**			

Certification no. Z-54.3-454

∅ 160: D-DEC = 155 mm
∅ 200: D-DEC = 180 mm

Accessories:
Sampling chamber for underground installation, extension section for deep installation, alarm units for when the maximum oil level is reached and there is a back-up of water (required according to EN 858 Part 1), oil and sludge suction system, pump station, *SonicControl*, *TeleControl*.



Installation is possible with groundwater up to the upper edge of the tank (UET).

A load distribution plate must be planned for class D.

**DEC = Depth of earth coverage
Class D = 700 mm ≤ DEC ≤ 1500 mm
Class A/B = 700 mm ≤ DEC ≤ 1800 mm

NS	∅*	D capacity	L	B	min	max	h2	h1	Oil storage capacity	level	Weight	Lmax mm
NS 3	160	1000 l	2390	1200	840	1240	1100	1070	217 l	80 mm	395 kg	2642
NS 6	200 2)	2500 l 1)	2590	1760	850	1230	1630	1600	271 l	100 mm	535 kg	2940
NS 6	200 2)	5000 l	3110	1760	870	1250	1630	1600	356 l	130 mm	610 kg	3460
NS 10	160	1500 l	2910	1200	840	1240	1110	1070	267 l	100 mm	440 kg	3162
NS 10	200 2)	2500 l 1)	2590	1760	850	1230	1630	1600	271 l	100 mm	535 kg	2940
NS 10	200 2)	5000 l	3110	1760	870	1250	1630	1600	356 l	130 mm	610 kg	3460
NS 15	200	5000 l	3110	1760	870	1250	1630	1600	356 l	130 mm	610 kg	3460

1) **Comparable sludge trap total volume in accordance with the dimensioning according to EN 858.**
2) eccentric reduction inlet/outlet to ∅ 160 possible on-site, as a consequence the sampling chamber 915880 A/B/D can be used see page 304.

* ∅ = Inlet and outlet outer diameter (mm)