

General

The filter cages are designed to keep the filter bags stretched and, as such, are fitted inside the bags.
Cages with an appropriate no. of longitudinal wires are selected to match different filter media and tasks. The standard version has 6 wires.
The filter cages are built of module units, thus cages longer than 1,5 m. can be assembled from "Cage" and "Extension".
Cages longer than 3,5 m. are always split, in other cases split cages cost extra.
The parts are connected with a "collar". The bottom end of the assembled cage is fitted with a rounded "bottom plate", supporting and protecting the filter bag.

Cage type HR

Cage type HR is equipped with supports resting on the hole plate, thus preventing the cage from falling into the bag. A lock bow presses the cage out, fixing it steadily in the hole plate. The cage may be mounted from below or from above. Cage type HR is only manufactured with 6 wires.

Cage type H

Cage type H is used in filters, where cages with more than 6 wires are required. The cage may only be mounted from above. Cage type H is equipped with supports resting on the hole plate, and is fixed in the hole plate by use of own spring force.

Data

Cage

Cage diameter 137 mm
Wire, 6-wired cage ø5 mm
Wire, 8 to 16-wired ø4 mm

Bottom Plate

Thickness of plate 0,8 mm
Area ext. + int. 0,038 m²
Weight 0,095 kg

Collar

Thickness of plate 0,8 mm
Area ext. + int. 0,016 m²
Weight 0,050 kg

The table below states the total surface area and weight of the filter cage excl. bottom plate and collar.

Nom. Length [m]	Cage type HR				Cage type H							
	6 wires				10 wires				16 wires			
	Filter cage		Extension		Filter cage		Extension		Filter cage		Extension	
	Area [m ²]	Weight [Kg]	Area [m ²]	Weight [Kg]	Area [m ²]	Weight [Kg]	Area [m ²]	Weight [Kg]	Area [m ²]	Weight [Kg]	Area [m ²]	Weight [Kg]
1,0	0,11	1,2	0,12	1,0	0,14	1,3	0,15	1,0	0,21	1,8	0,22	1,6
1,5	0,17	1,8	0,17	1,4	0,21	1,8	0,22	1,5	0,31	2,7	0,33	2,4
2,0	0,22	2,3	0,22	1,9	0,28	2,4	0,29	2,0	0,42	3,5	0,44	3,2
2,5	0,27	2,8	0,28	2,4	0,35	3,0	0,35	2,5	0,53	4,4	0,54	4,1
3,0	0,33	3,4			0,42	3,6			0,64	5,3		
3,5	0,38	3,9			0,49	4,1			0,74	6,2		