METAL HYDROCYCLONE HC-100

The metal hydrocyclone is designed for the separation of solid particles from water by centrifugal force. Its internal structure generates a spiral flow that propels the particles towards the walls of the cone, directing them to the lower collector, while clean water exits through the upper part.







MATERIAL CHARACTERISTICS

Body and Cone: Carbon steel

External and Internal Coating: Epoxy paint

Other Metal Parts: Steel

OPERATING CHARACTERISTICS

Separation Type: Centrifugal (without filter elements)

Maximum working pressure: 10 bar.

Recommended Operating Pressure: 5 bar

Typical Head Loss: 0.2, 0.5 bar.

Standard Working Flow: From 5 m³/h to 50 m³/h (depending on model)

Maintenance: Manual cleaning using lower purge valve

MODELS

CODE	SIZE	CONNECTION	M3/H	RRP (€)
12045001	1-1/2"	THREAD	8-15	426
12045002	2"	THREAD	15-28	433
12045003	2-1/2"	FLANGE	28-45	643
12045004	3"	FLANGE	45-60	739

ACCESSORIES



butterfly valve

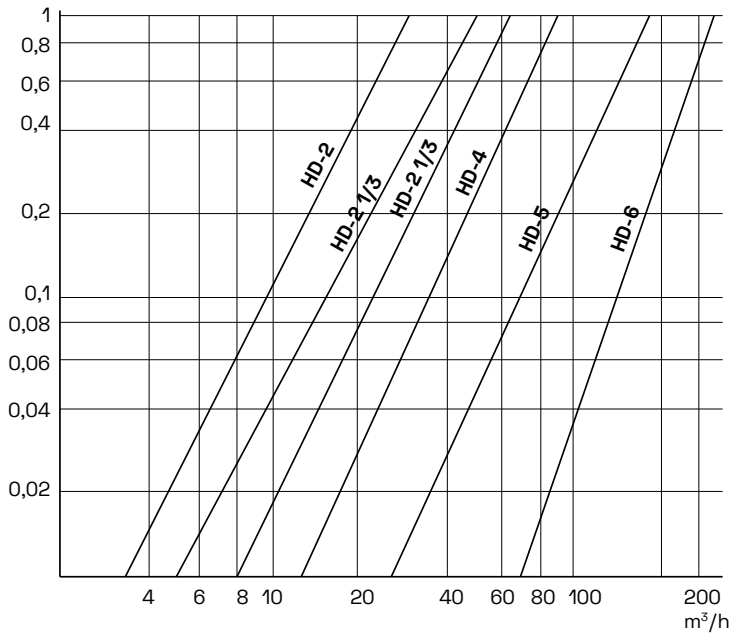
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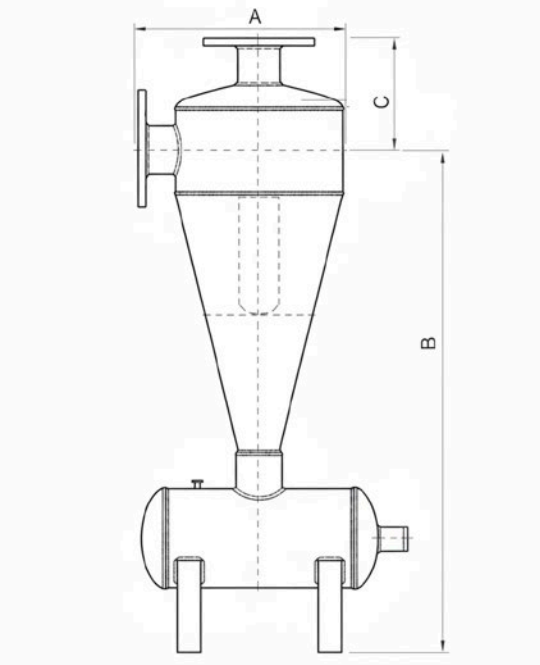
ONIX TRIPLE EFFECT AIR VALVES

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PRESSURE LOSS



DIMENSIONS



MODEL	A	B	C	WEIGHT KG
1" ROSCA	140	660	125	8
1 ½" THREAD	220	620	130	12
2" THREAD	250	700	160	15
2 ½" BRIDA	280	850	180	26
3" FLANGE	320	1.000	210	32
4" FLANGE	500	1.210	300	56
5" BRIDA	600	1.540	325	90