

PRODUCT LEAFLET

Advantages of centrifugal separators from Bernoulli System

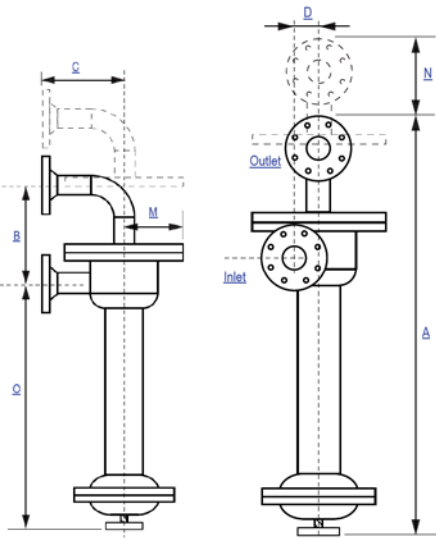
- Separation efficiency does not depend on vertical or horizontal position
- Separation occurs without any interruption to the flow
- Very little liquid is lost by purging
- No need for any consumable material
- Zero maintenance

Centrifugal Separator CCD product line

The CCD product line is the latest addition to Bernoulli's product portfolio of centrifugal separators.

The CCD product line is an excellent choice for seawater application thanks to its Rilsan coating. The Rilsan powder is a thermoplastic polymer developed for metal coating with excellent chemical and mechanical properties.

The CCD product line consists of ten models in sizes DN 15-100, covering capacities from as low as 0.7 m³/h up to 90 m³/h. All CCD models are demountable with flanged purge. The maximum operating pressure is 10 bar g at 70 °C.



Selection table

Model	Capacity (m ³ /h)	Inlet/Outlet	Purge	Dimensions (mm)							Weight (kg)
				A	B	C	D	M	N	O	
CCD 10	0.7-1.6	DN 15	DN 20	458	100	125	35	90	120	358	6
CCD 15	1-2.5	DN 15	DN 20	684	240	200	60	142,5	160	431	10
CCD 20	2-5	DN 20	DN 20	702	240	200	60	142,5	160	434	10
CCD 25	4-8	DN 25	DN 20	974	240	200	50	142,5	160	672	16
CCD 32	6-12	DN 32	DN 20	982	240	200	50	142,5	160	672	16
CCD 40	9,5-17	DN 40	DN 20	987	270	200	50	142,5	170	672	16
CCD 50	14-24	DN 50	DN 20	1165	340	230	70	170	160	743	29
CCD 65	21-35	DN 65	DN 20	1312	415	230	65	170	190	805	35
CCD 80	33-65	DN 80	DN 20	1472	460	260	75	197,5	260	912	40
CCD 100	52-90	DN 100	DN 40	1577	460	360	75	197,5	260	912	55

Purge system

To drain off the suspended solids accumulated in the collection chamber of the centrifugal separator either a manual drain or an automatic purge system can be applied. For the automatic purge system, which can be either electrical or pneumatic, purging intervals and duration can easily be adjusted. Both automatic purge systems include a ball valve, an actuator and a time controller. The manual drain is a ball valve with hand lever.

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