

Vertical Bottom discharge Centrifuge Type SCVB for chemical industry

Centrifuges types SCVB are designed for high throughput and in very variable composition of centrifuge and its accessories.

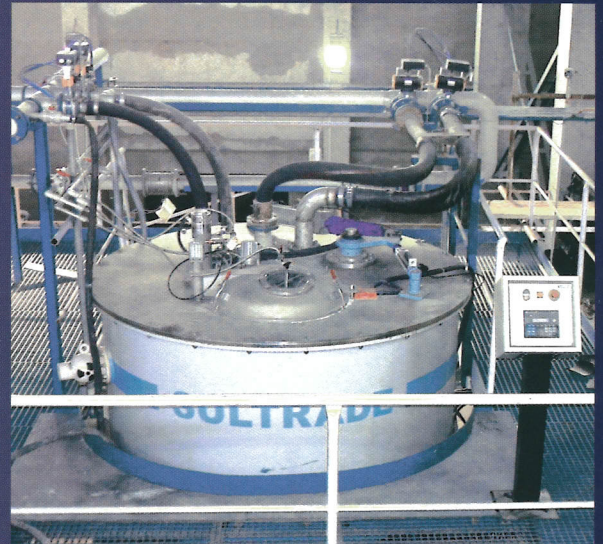
Centrifuges types SCVB are made for corrosive products, with explosion protection for gas (Ex II 3G IIC T4 or Ex II 2G IIC T4) or with explosion protection for dust (Ex II 3D IIB or Ex II 2D IIB).

Material of centrifuge can be made of:

- stainless steel (1.4571)
- duplex stainless steel (1.4462)
- special alloy (2.4602)
- rubber lining with hard and soft layers

Variable design of centrifuge and its accessories can be:

- stator with full opened lid
- stator with particularly opened lid (manhole)
- equipment for liquid cleaning
- equipment for residual heel removing of product from baskets shell
- equipment for suspension way (flow measuring, valves, compensators, hoses etc.)
- equipment for washing and rinsing liquid way (flow measuring, valves, compensators, hoses etc.)
- equipment for product way (product separator, cone, valves, compensators, containers etc.)
- equipment for liquid way (siphon, cyclone, tank with pump, valves, compensators etc.)
- stand of centrifuge



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Centrifuge type		SCVB 800/500	SCVB 1000/630	SCVB 1250/800	SCVB 1250/1000
Diameter of Basket	mm	800	1000	1250	1250
Height of Basket	mm	500	630	800	1000
Opening diameter of Basket	mm	560	700	875	875
Filter surface of Basket	m ²	1,257	1,979	3,142	3,927
Useful volume of Basket	m ³	0,128	0,252	0,501	0,626
Max. load of Basket	kg	(160; 223)	(315; 438)	(626; 872)	(782; 1089)
Max. revolution of Basket	rpm	1600	1280	975	975
Centrifugal Acceleration	xg	1145	916	664	664
Drive power	kW	(11; 15)	(30; 55)	max. 90	max. 110
External dimensions H x W x L	m	1400+x1500 x1900	1750+x1800 x2300	1800+x2000 x2700	2000+x2000 x2700
Weight of empty centrifuge	kp	2450	4000	6600	7000

Centrifuge type		SCVB 1600/1000	SCVB 1600/1250	SCVB 1800/1250	SCVB 1800/1400
Diameter of Basket	mm	1600	1600	1800	1800
Height of Basket	mm	1000	1250	1250	1400
Opening diameter of Basket	mm	1120	1120	1260	1260
Filter surface of Basket	m ²	5,027	6,283	7,069	7,917
Useful volume of Basket	m ³	1,025	1,282	1,622	1,817
Max. load of Basket	kg	(1282; 1784)	(1600; 2230)	(2000; 2820)	(2270; 3160)
Max. revolution of Basket	rpm	800	800	750	750
Centrifugal Acceleration	xg	572	572	566	566
Drive power	kW	max. 160	max. 160	(132; 200)	(160; 200)
External dimensions H x W x L	m	2450+x2350 x3225	2700+x2350 x3225	2750+x2550 x3600	2900+x2550 x2900
Weight of empty centrifuge	kp	11050	11650	15950	16300