

Vertical Bottom discharge Centrifuge Type SCVB for pharmaceutical industry

Centrifuges types SCVB are made according to GMP conditions and with very variable design of centrifuge and its accessories. Agitators (discharger, cake detector, lid opening, armatures etc.) are with electro pneumatic execution.

Material of centrifuge can be made of:

- stainless steel 1.4404 (1.4435)
- special alloy 2.4602 (Hastelloy C-22)
- lining of Teflon layers (E-CTFE)

Surface quality can be made as:

- grinded $Ra < 0,8 \mu m$
- polished $Ra < 0,2 \mu m$

Cleaning of centrifuge can be made with:

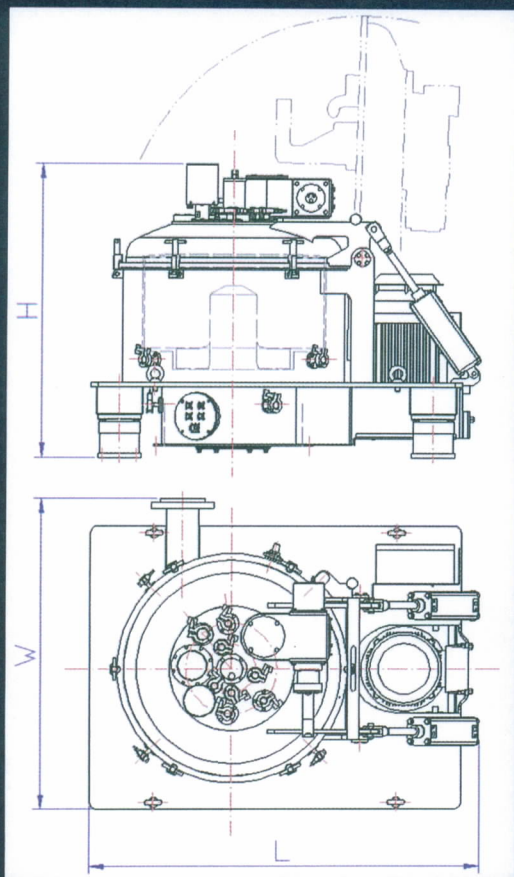
- CIP ball nozzles for cascade cleaning
- flooding of centrifuge with cleaning liquid

Variable design of centrifuge and its accessories can be:

- main electric motor with up or down position
- main electric motor with cover for external ventilation for clean room
- grease lubrication of bearings or oil lubrication of bearings and sealing with cooling unit
- equipment for nitrogen blowing
- equipment for residual heel removing of product from basket
- equipment for suspension way (flow measuring, valves, compensators, hoses etc.)
- equipment for rinsing liquid way (flow measuring, valves, compensators, hoses etc.)
- equipment for product way (cone, valves, compensators, containers etc.)
- equipment for liquid way (siphon, cyclone, tank with pump, valves, compensators etc.)
- equipment for rest oxygen analysis
- stand of centrifuge



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Centrifuge type		SCVB 630/320	SCVB 800/400	SCVB 1000/500	SCVB 1250/800
Diameter of Basket	mm	630	800	1000	1250
Height of Basket	mm	320	400	500	800
Opening diameter of Basket	mm	440	560	700	875
Filter surface of Basket	m ²	0,633	1v,005	1,571	3,142
Useful volume of Basket	m ³	0,051	0,103	0,200	0,501
Max. load of Basket	kg	64	128	250	626
Max. revolution of Basket	rpm	1900	1500	1200	950
Centrifugal Acceleration	xg	1271	1006	805	631
Max. unbalance weight at revolution	kg / rpm	1,5 / 1250	3,0 / 1000	5,0 / 800	8,0 / 700
Drive power	kW	7,5	11	22	22 - 37
External dimensions H x W x L	m	1050+x1100 x1350	1350+x1300 x1650	1500+x1600 x2100	2800x1750 x2650
Weight of empty centrifuge	kp	700 - 750	1250 - 1350	2200 - 2300	5400