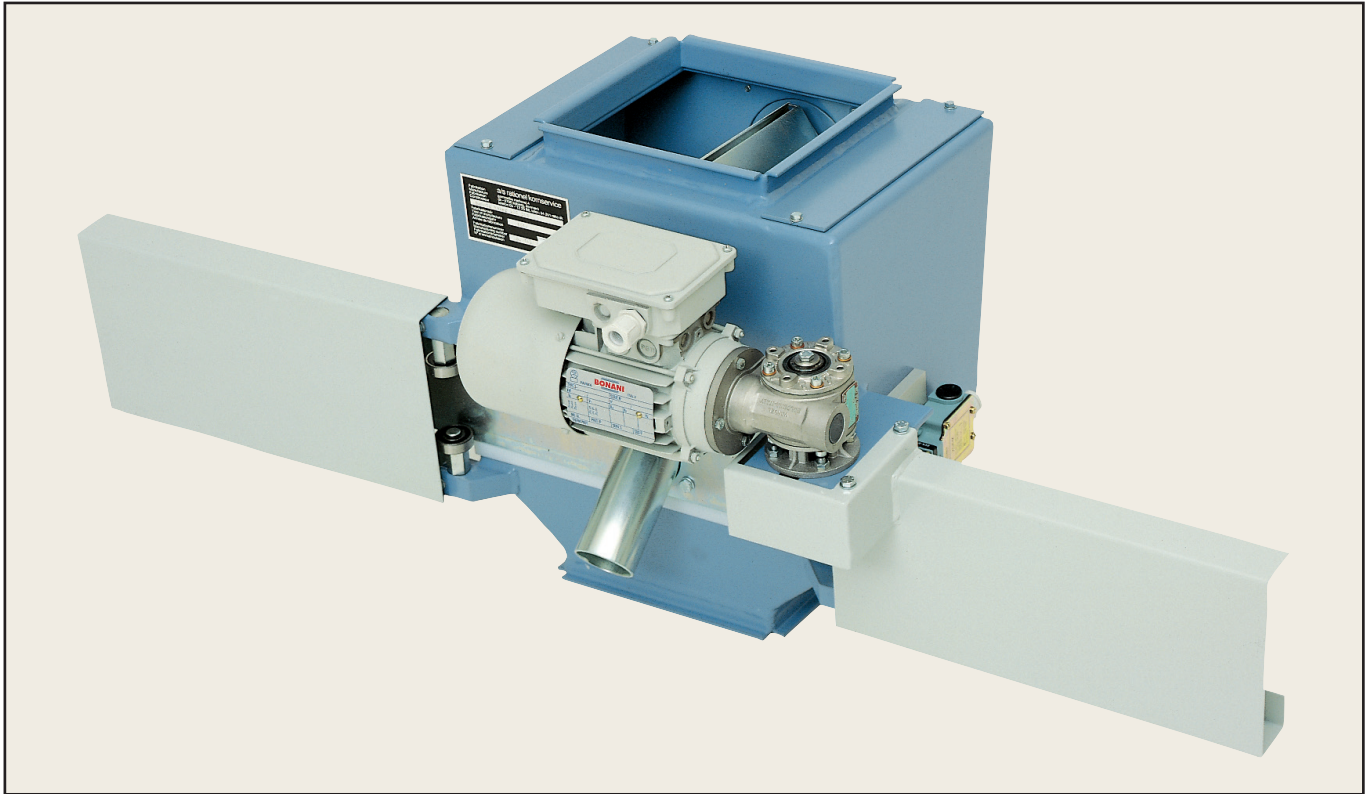


Automatic sampler for cereals, feedstuffs, seeds and similar bulk flow solids



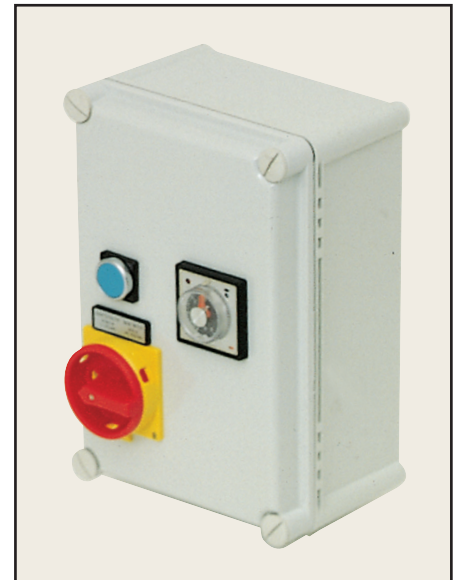
Sampler model 200 DVB

Benefits:

1. 100% representative sample, thereby maximising control.
2. Optimum productivity - the possibility of error in sample taking is eliminated as sampling is automatic
3. Rapid payback period, with the benefit of continued improved contributions thereafter.
4. Reliable, maintenance free construction.
5. In addition to cereals will sample feedstuff, seeds, rice, soybeans, milled products - in fact most bulk flow solid.
6. Remote control facility.

Operation

Sampling is effected by means of a diverter with an open slot in the leading edge. The diverter is moved automatically through the stream (e.g. grain), see principal sketch. Thus a correct sample is taken from across the spout area, not just at the side or in the centre of the flow. Test interval is stepless adjustable from 1 test per 5 seconds to 1 test per hour. A remote control facility also exists whereby it is possible to switch on the sampler from a central control room; alternatively to let it operate on elevator control.



Controlpanel with timer

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Capacities:

Size of the single sample will depend on the spout flow rate and the size of the slot in the diverter.

The standard slot is 8 mm. Other openings (2, 3, 4, 5, 6, 7, 8, 10, 12, 14, 16, 18, 20 mm) can be supplied on request. The slot can easily be changed on site.

Specification:

Housing: rilsan covered steel plate.

Other metal components are electrogalvanised.

All electric equipment with gear motor, limitswitch and control panel including motor-protecting relay and timer.

Power Supply: 3 phase 400 V, 50 Hz.

3 phase 230 V, 50 Hz.

Installation:

The sampler must be installed in a vertical spout. Maximum permissible deviation from the vertical is 25°.

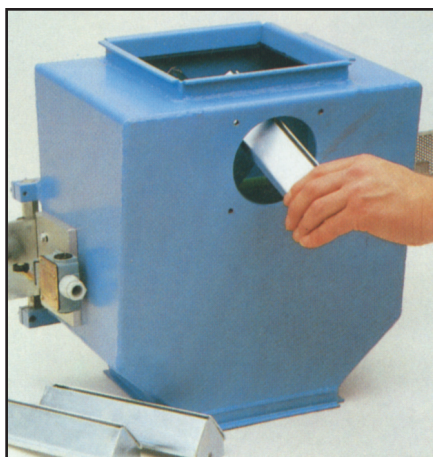
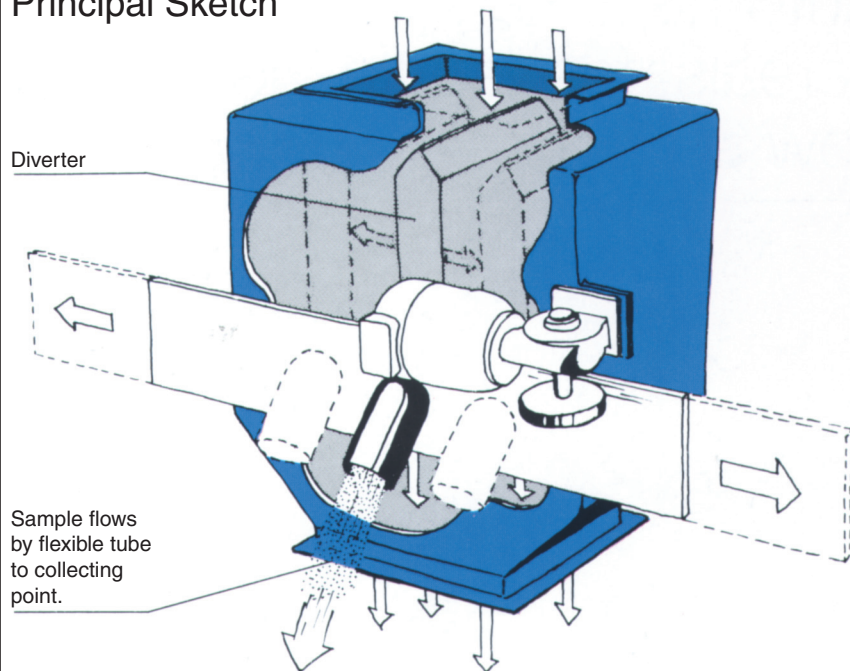
Flange for model 200 DVB is 200 x 200 mm.

Flange for model 300 DVB is 300 x 300 mm.

Flange for model 400 DVB is 400 x 400 mm.

Flange are pre-bored for bold assembly; flanges and bolts are included.

Principal Sketch



Dimension:

(A B C D - refer to letters on the drawing)

	A	B	C	D	kW	Weight	In-/outlet	Tube
200 DVB	700	350	405	400	0,06	36 kg	200/200	Ø 50
300 DVB	1080	550	620	550	0,18	85 kg	300/300	Ø 76
400 DVB	2100	700	800	720	0,75	180 kg	400/400	Ø 76

