

CHUTE SAMPLER

TYPE FP



The **Chute Sampler Type FP** is designed to take out increments of none-sticky powdered material and lumps up to 40 mm, in a closed pipe system, from a free falling flow of materials.

General Description:

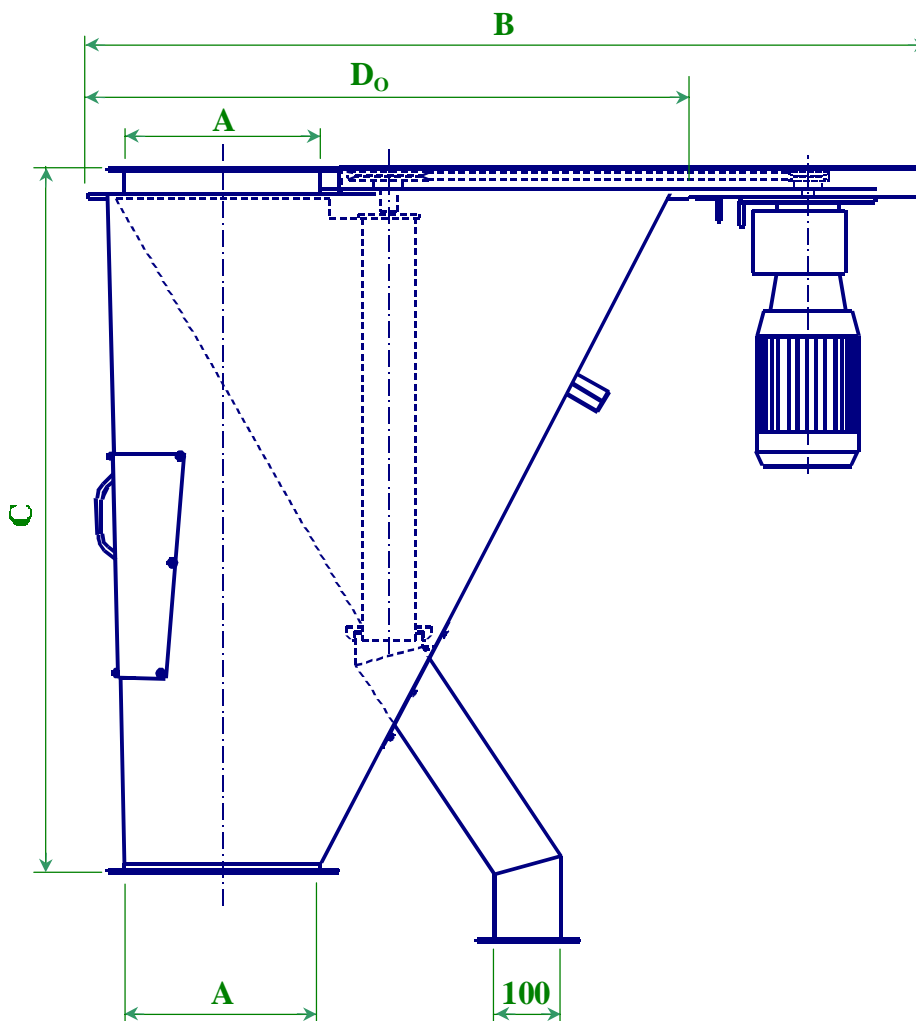
The sampler is driven by a geared motor and toothed V-belt drive. A specially designed cutter rotates around a vertical axis. The cutter inlet is designed so that the full cross section of the material flow is cut through during one rotation, and further is shaped so that all particles from any part of the cross section have the same probability of being sampled i.e.: a representative sample is taken. The sample is extracted into a chute where a tight fitting sample bottle can be mounted, or it falls by gravity in a chute to further sample preparation.

An observation window is provided on top of the sampler body.

The sampler cutter is parked well away from the material stream, when no sample is taken.

The cutter is available in stainless steel or wear resistant material. The body is manufactured from mild steel plate.

The control of the sampler is normally conducted from a local control system, which can be connected to a central PLC-system.



The sampler can be mounted in a vertical chute, either circular or rectangular.

Drive:

Type: Helical geared motor and toothed V-belt drive
 Voltage: 3 x 400 V, 50 Hz

Type:	Particle Size mm	A mm	B mm	C mm	D ₀ mm	Motor kW	Speed m/s	Wgt kg
FP 100	Max. 10	ø/ 100	800	600	ø 470	0.25	0.6	55
FP 200	Max. 15	ø/ 200	1050	800	ø 720	0.25	0.6	80
FP 300	Max. 25	ø/ 300	1310	900	ø 940	0.37	0.6	120
FP 500	Max. 40	ø/ 500	1790	1200	ø 1420	0.55	0.6	140



M&W JAWO HANDLING AS



ENGINEERING AND PRODUCTION
 Member of the Mark & Wedell Group
 Oldenvej 5, DK-3490 Kvistgaard, Denmark
 Tel.: +45 49 13 98 22 Fax: +45 49 13 91 62
 Internet: www.m-w.dk E-mail: m-w@m-w.dk