



IMPACT PLATE FLOWMETER

FOR FINE GRANULAR AND PULVERULENT MATERIALS



CEMENT | STEEL | FERTILIZERS | GLASS | TOBACCO

DOSATEC®

IMPACT PLATE FLOWMETER

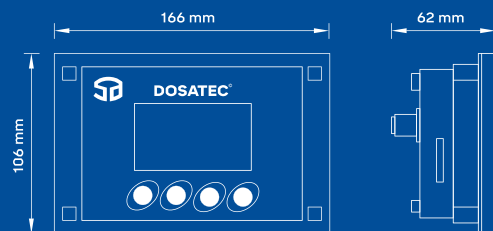
Type : DEB

Accuracy $\pm 0.5\%$

Regulation range up to 1:10

Easy installation and user-friendly

Low maintenance



SIGMA 5003VDU

- 16bits Microprocessor @ 20MHz
- 2 digital inputs, 24V /opto-insulated
- 2 digital output 24V 500mA /opto-insulated/protected
- 1 analog input « load cell» 24bits
- 2 analog inputs 12 bits
- 2 analog outputs 16bits 0..20mA/4..20mA
- Power supply 24V microprocessor and actuators

TECHNICAL SPECIFICATIONS

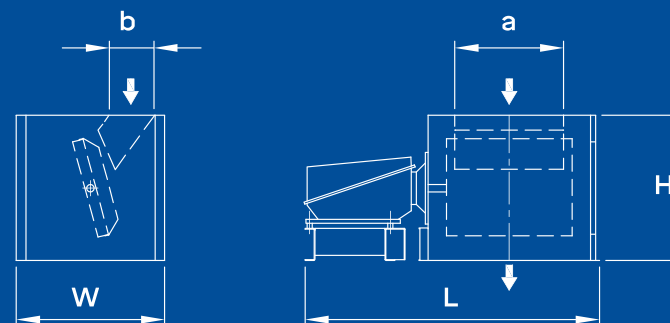
Small footprint

Robust and fully enclosed design, tailored to customer requirements

Measuring system mounted outside of the material flow with horizontal and vertical shock absorbers to compensate the vibrations

Measurement of the horizontal force only, therefore no drift of the tare even with sticky products

Inlet chute and impact plate with specific liners according to the material characteristics



Type	L mm	W mm	H mm	a mm	b mm	Flowrate max. t/h Density = 1 t/m3
DEB 200	1420	730	750	150	200	10
DEB 400	1420	730	750	350	200	50
DEB 600	1720	850	810	500	250	230
DEB 700	1720	850	810	600	250	600
DEB 1000	2020	1030	1000	900	350	800
DEB 1300	2320	1230	1000	1200	450	1200

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