

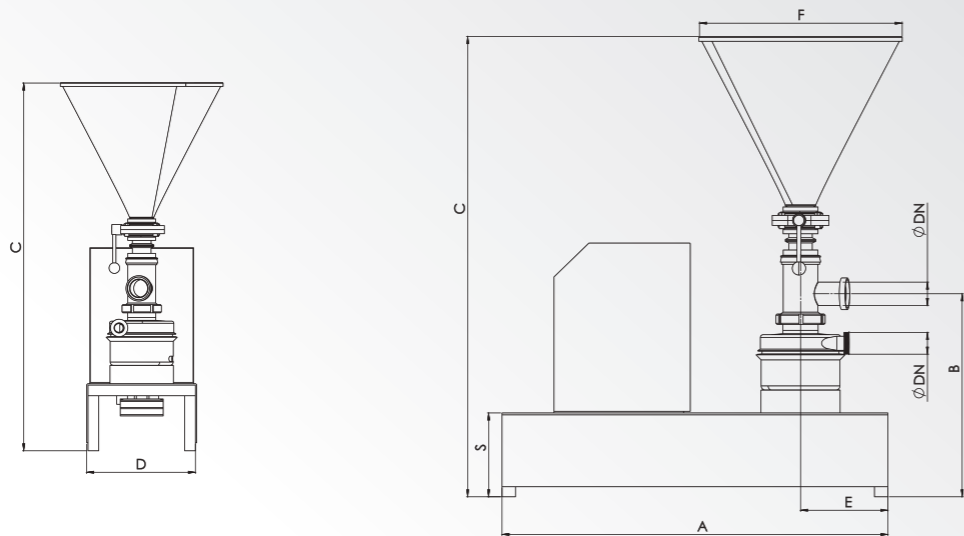
## FB-200 BLENDER

### DIMENSIONS

TYPE	ØDN	A	B	C	D	E	F
FB 200	3"	950	438	1380	410	170	615

### CAPACITY

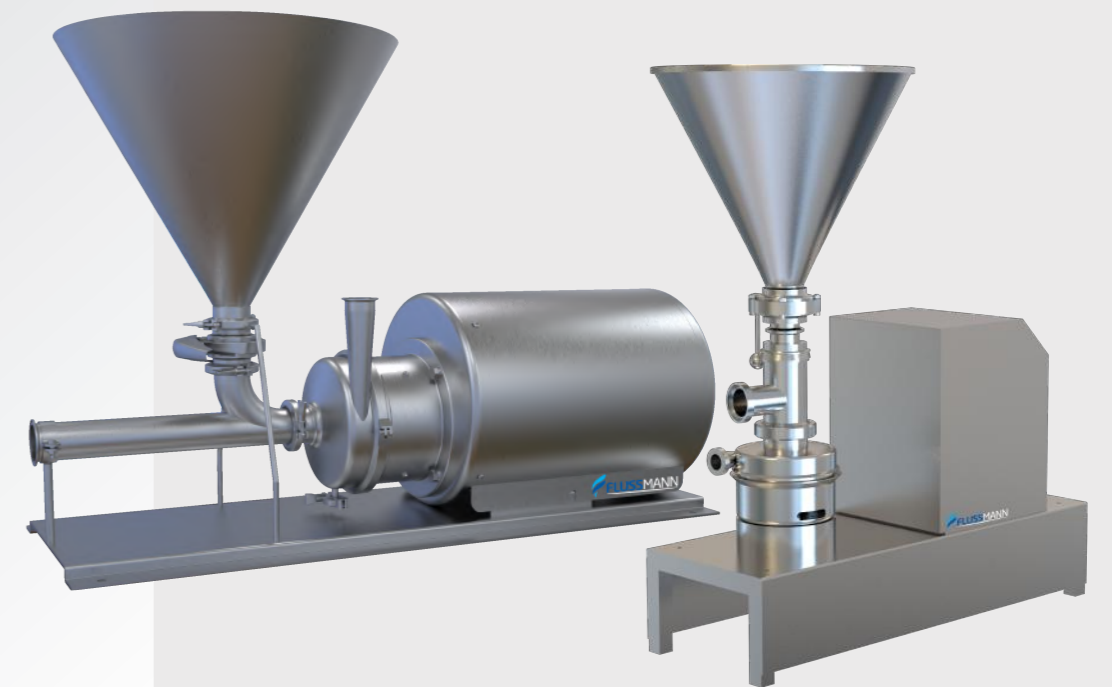
TYPE	Liquid (m <sup>3</sup> /h)	Powder (kg/h)	Power (kw)	Speed (rpm)	Weight (kg)
FB 200	65	9	11	3000	240



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FB-100 BLENDER  
FB-200 BLENDER



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## FB-100/200 BLENDER

### APPLICATION

- » FB100/FB200 blender is used to dissolve solid / powder products into a liquid, recirculated in a tank. The blender is limited to the suction of small amount of solids as it has no table for bags and the hopper is smaller than that of the table blender.

### WORKING PRINCIPLE

- » FB 100 /FB 200 blender is a compact unit, it consists of a centrifugal pump with a venturi system on the suction side and a hopper with a butterfly valve above the venturi to add solid /powder products to the pumped liquid. The venturi system and the suction of the pump create a negative pressure at the base of the hopper. To achieve the best possible dissolution, it is recommended to recirculate the product

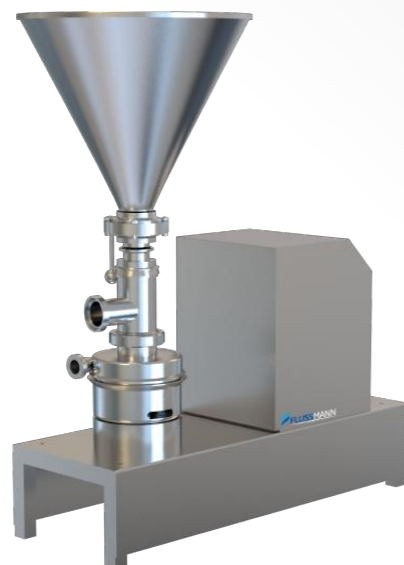
### DESIGN AND FEATURES

- » Easy assembly and cleaning
- » Hygienic design.
- » Single mechanical seal.
- » ISO 2852 Clamp connections for easy assembly/disassembly.
- » Cleaning and disinfection without disassembly

### MATERIALS

- » Parts in contact with the product : AISI 316L
- » Other metal parts : AISI 304
- » Gaskets : EPDM
- » Mechanical seal : SiC/SiC/Epdm
- » Internal Bright polish Ra :  $\leq 0,8 \mu\text{m}$
- » External Matt

- ### OPTIONS
- » Gaskets FPM or PTFE.
  - » Connections DIN, SMS.
  - » Vibrator for hopper.
  - » Pneumatically actuated valve + low level sensor for solids.
  - » Solids upper level sensor.



FB-200

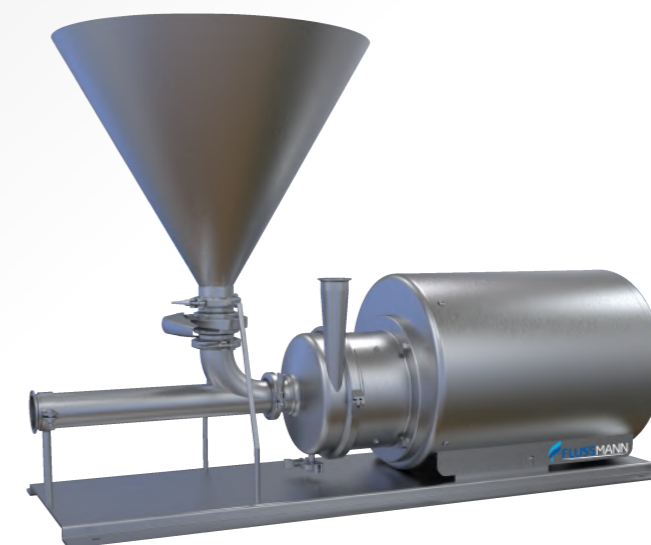
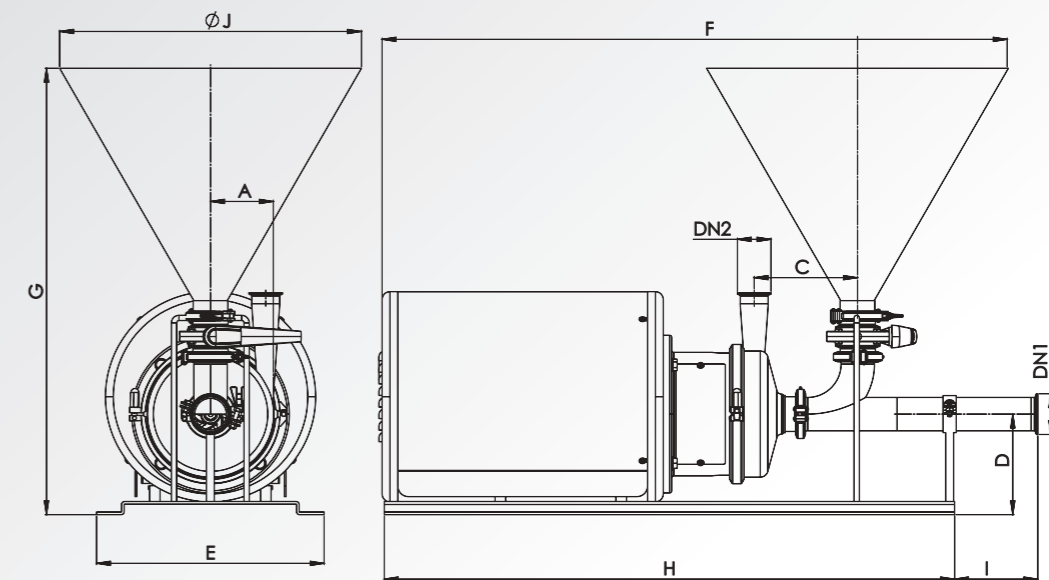
## FB-100 BLENDER

### DIMENSIONS

TYPE	Ø DN1	Ø Dn2	A	B	C	D	E	F	G	H	I	J
FB-100-0120	2"	1 1/2"	74	131	240	313	490	1045	933	900	37	505
FB-100-0126	3"	2"	72	145	322	325	490	1185	1060	1200	40	605

### CAPACITY

Liquid (m <sup>3</sup> /h)	Powder (kg/h)	Power (kw)	Speed (rpm)	Weight (kg)
20	1300	3	3000	88
40	2000	5,5	3000	103



FB-100