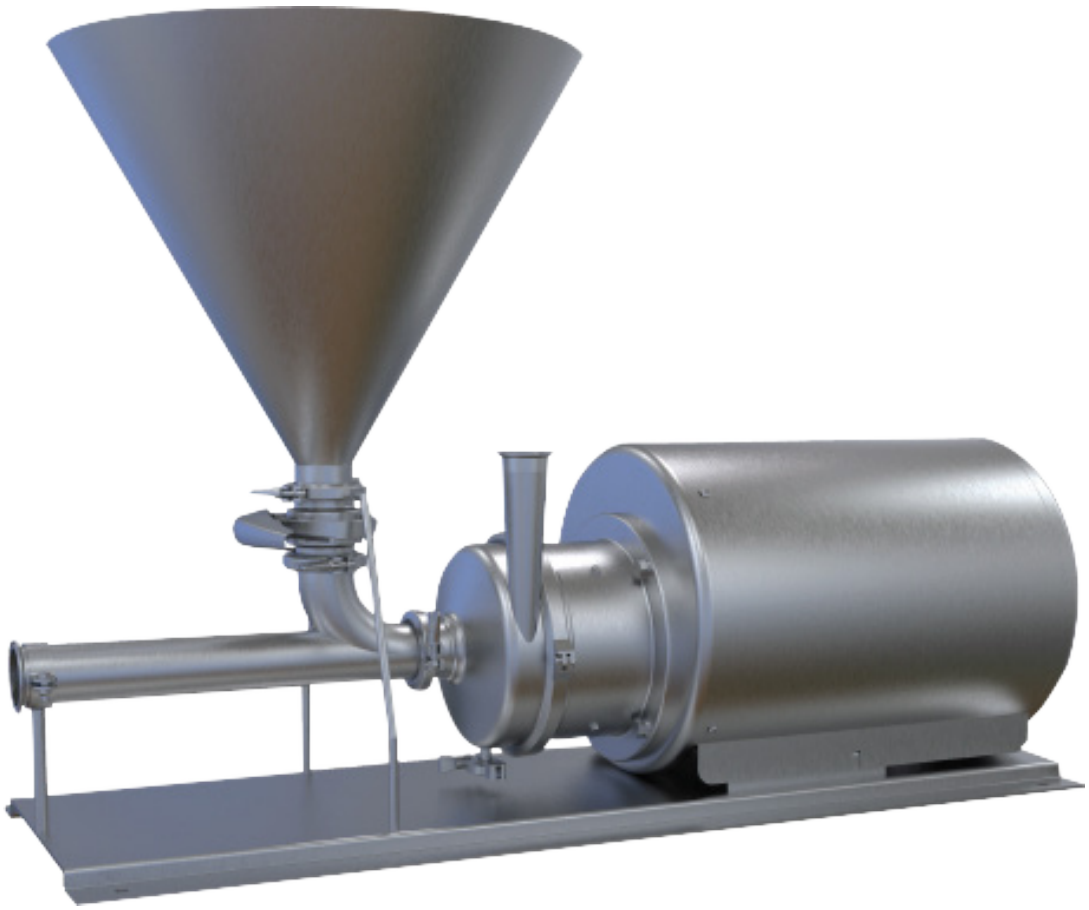
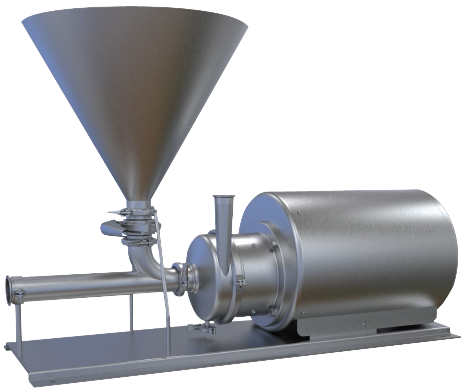
PRODUCT CATALOG

TMXFLOW

SB - 100
HORIZONTAL BLENDER



SB - 100
Horizontal Blender



Application

SB100 blender is used to dissolve solid / powder products in to 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

SB100 blender is a compact unit, it consists of a centrifugal pump witha 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.

Options

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

Design and Features

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

Materials

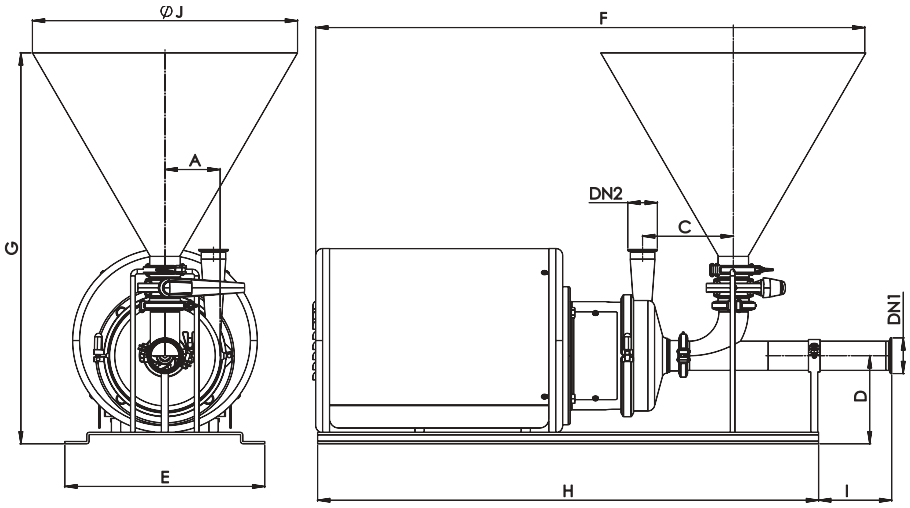
Parts in contact with the product	AISI 316L
Other metal parts	AISI 304
Gaskets	EPDM
Mechanical seal	SiC/C/EPDM
Internal Bright Polish Ra	0,8 µm
External Mat	

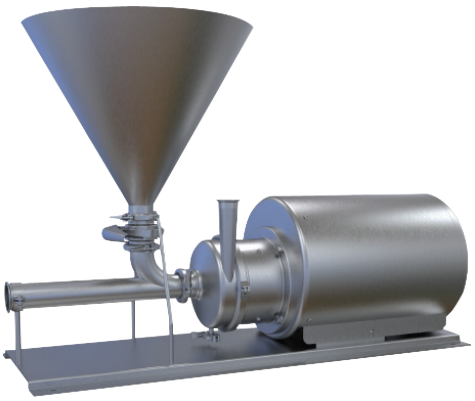
SB - 100
Horizontal Blender

TMXFLOW
let it flow

DIMENSIONS												
TYPE	Ø DN1	Ø DN2	A	B	C	D	E	F	G	H	I	J
SB-100-0120	2″	11/2″	74	131	240	313	490	1045	933	900	37	505
SB-100-0126	3″	2″	72	145	322	325	490	1185	1060	1200	40	605

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





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