

**PRODUCT  
CATALOG**

**TMXFLOW**

***SB - 200***  
***HORIZONTAL BLENDER***



# SB - 200 Horizontal Blender



## Application

SB200 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

SB200 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.

## 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 disassembly

## 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 - 200 Horizontal Blender

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let it flow

DIMENSIONS								CAPACITY				
TYPE	ØDN	A	B	C	D	E	F	Liquid (m <sup>3</sup> /h)	Powder (kg/h)	Power (kw)	Speed (rpm)	Weight (kg)
SB-200	3"	950	438	1380	410	170	615	65	9	11	3000	240

