

SPB Sanitary Shear-Powder Pump

www.jvpump.com



Application

The shear powder mixer perform powder suction, blend, dissolve, disperse and emulsify in one time.

Its in-line mixer featuring , shearing design combining the benefits.

it is a versatile product that is specifically designed for use within the sanitary markets powders food, beverage, dairy, pharmaceutical, and chemical processing. From flavored milks and syrups to nutritional blends, syrups, and liquid bases.

Design

Induction powder,blending,boost in one pump

Features and Benefits

- ◆ Reduction of system components
- ◆ Direct powder input into the suction pipe
- ◆ Washdown and CIP capability
- ◆ Three functions in one machine .
- ◆ More competitive
- ◆ Does not require a feed pump for low viscosity fluids
- ◆ Not recommended for high shear/high viscosity applications



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Technical Specification Materials

Product contact parts: AISI 316 L
 Other steel AISI 304 SS
 Gasket in contact with product EPDM
 Max. viscosity 500 cp
 Standard seal: SIC/CIC/V
 Standard polish: 0.8 Ra
 standard connection: Tri-Clamp

Option

Material : FKM,NBR
 Mech.Seal : single , double
 other material upon request
 Drain
 Explosion Proof

SPB Specification 60 HZ

| Model | Motor KW | | Flow (m3/h) | Max.Induction (kg/h) | | Connection | |
|-------|----------|--------|-------------|----------------------|--------|------------|--------|
| | 300 cp | 500 cp | | Sugar | Starch | Inlet | Outlet |
| SPB01 | 4 | 5.5 | 20 | 1,400 | 980 | 2" | 1.5 |
| SPB02 | 9 | 11 | 40 | 2,000 | 1,300 | 2.5" | 2" |
| SPB03 | 18.5 | 22 | 60 | 3,000 | 2,000 | 3" | 2" |

50 HZ

| Model | Motor KW | | Flow (m3/h) | Max.Induction (kg/h) | | Connection | |
|-------|----------|--------|-------------|----------------------|--------|------------|--------|
| | 300 cp | 500 cp | | Sugar | Starch | Inlet | Outlet |
| SPB01 | 3 | 4 | 15 | 980 | 690 | 2" | 1.5 |
| SPB02 | 5.5 | 7.5 | 30 | 1,400 | 900 | 2.5" | 2" |
| SPB03 | 15 | 18.5 | 50 | 2,000 | 1,400 | 3" | 2" |