MixSing Vacuum

Technical data sheet for discussion

Takeaway
- Homogeneous & lump-free products
- High powder capacity
- High efficiency → low kW/kg
- Complex formulations
- Minimal incorporation of air
- Viscosity ≤ 1,500 cP
- 68° Brix
- Small foot print
- Sugar, milk powder, emulsifiers, stabilisers

General	
Model	MixSing Vacuum
Function	Mixing of powder/liquid into a liquid
Technology	Rotor & stator principle
Construction	
Product contact	AISI 316L
Motor cover and support	AISI 304
Elastomer	EPDM (options: NBR or Viton)
Seal	SiC/SiC flushed seal
Stator	AISI 316L
Valve(s)	AISI 316L
Electrical specification	
Installed power	11-110 kW
Voltage | Hz	400 V | 50/60 Hz multinorm
Motor	IP 56, IE3
Installation requirements	
Pipe work	Inlet 2” (51 mm) | Outlet 3” (76.2 mm)
Connections	Weldend
Operating specification	
Cleaning	Designed for CIP
Mode	Batch, in-line and continous
Tank volume	50-6000 l
Vacuum	200-1,000 mbar(a)
Operating data	
Powder/liquid feed rate	<250 kg/min (skimmilk powder)
Service water	100 l/h
Nominal shear rate	>200,000 s^{-1}

Illustration