

MixSing Process

Technical data sheet for discussion

- Takeaway
- Homogeneous & lump-free products
 - High powder capacity
 - High efficiency → low kW/kg
 - Highly complex formulations
 - Minimal incorporation of air
 - Viscosity ≤ 75,000 cP
 - Particulated products
 - 68° Brix
 - Hummus, mayonnaise, ketchup, mustard

General	
Model	MixSing Process
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	10/200-4,000 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

