

MixSing Shear

Technical data sheet for discussion

Takeaway

- Homogeneous & lump-free products
- High powder capacity
- High efficiency → low kW/kg
- High discharge pressure 2 bar
- Viscosity ≤ 1,000 cP
- 68° Brix
- Small foot print
- Sugar, milk powder, emulsifiers, stabilisers, smoothies

General	
Model	MixSing Shear
Function	Homogenisation
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
Electrical specification	
Installed power	11 kW (options: 15, 18.5 & 22)
Voltage Hz	400 V 50/60 Hz multinorm
Motor	2 poles, 3000 rpm, IP 56, IE3
Installation requirements	
Pipe work	Inlet 4" (101.6 mm) Outlet 3" (76.2 mm)
Connections	SMS (DIN or DN)
Minimum liquid supply pressure	NSPH, 0.6 mWC
Maximum liquid outlet pressure	2 bar(g) @ 2600 rpm
Operating specification	
Maximum pressure	10 bar
Cleaning	Designed for CIP
Operating data	
Liquid flow rate	30,000 l/h
Service water	100 l/h
Nominal shear rate	>200,000 s ⁻¹

Dimensions

