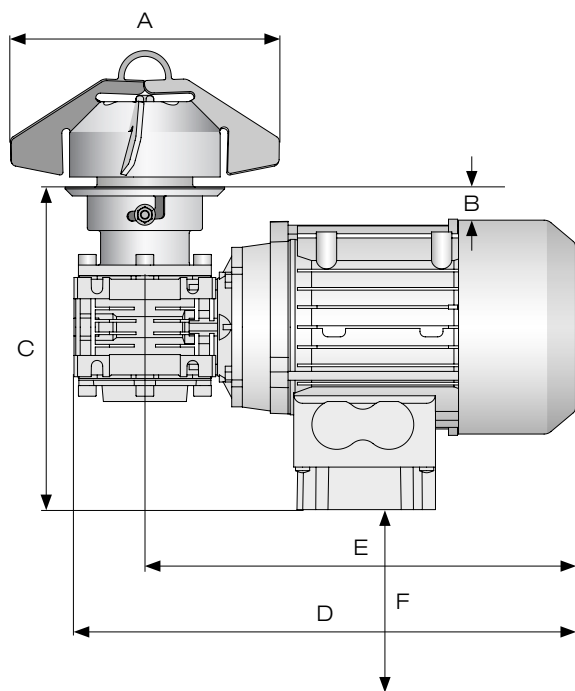


# TECHNICAL SPECIFICATION:

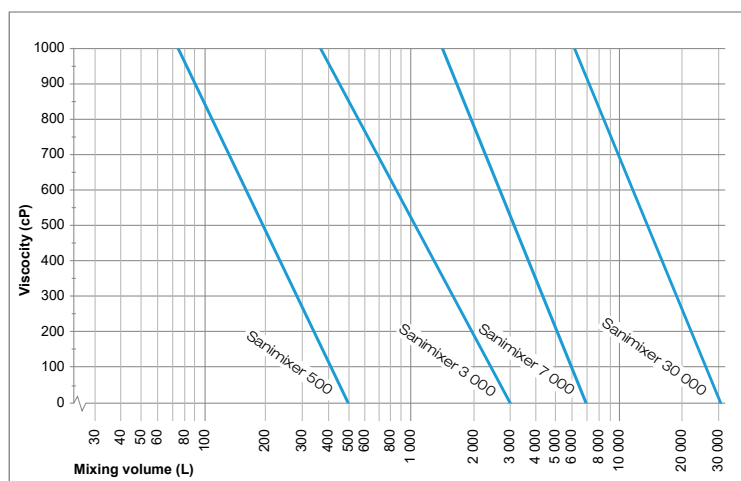


## SANIMIXER ®

### MAGNETIC COUPLED MIXER FOR FOOD & COSMETICS



#### Viscosity factors



#### Technical data

	Sanimixer 500	Sanimixer 3 000	Sanimixer 7 000	Sanimixer 30 000
Max Working Volume	500 L (132 usgal)	3 000 L (792 usgal)	7 000 L (1849 usgal)	30 000 L (7926 usgal)
Max RPM (assume waterlike media)	450	350	350	350
Tip speed at max RPM	3.41 m/s (11.2 ft/s)	3.66 m/s (12 ft/s)	4.02 m/s (13.2 ft/s)	6.41 m/s (21 ft/s)
Torque coupling	2.6 Nm (23 in-lb)	14 Nm (124 in-lb)	26 Nm (230 in-lb)	38 Nm (336 in-lb)
Transferred power at max RPM	71 W (0.095 HP)	514 W (0.69 HP)	953 W (1.28 HP)	1283 W (1.72 HP)
Motor Size	0.18 kW (0.24 HP)	1.1 kW (1.48 HP)	1.5 kW (2.01 HP)	3.0 kW (4.02 HP)
Dimension A: Impeller diameter	145 mm (5.71")	201 mm (7.91")	220 mm (8.66")	350 mm (13.78")
Dimension B: Unjacketed vessels	14 mm (0.55")	21 mm (0.83")	22 mm (0.87")	20 mm (0.79")
Dimension B: Extension for jacketed vessels	89 mm (3.5")	121 mm (4.76")	122 mm (4.8")	120 mm (4.72")
Dimension C: Weld plate - lowest point	182 mm (7.16")	257 mm (10.12")	258 mm (10.16")	274 mm (10.79")
Dimension D: Total length	283 mm (11.14")	415 mm (16.34")	440 mm (17.32")	531 mm (20.91")
Dimension E: Centre of axis - bottom of drive unit	243 mm (9.57")	343 mm (13.5")	368 mm (14.49")	453 mm (17.83")
Dimension F: Minimum free distance below mixer	50 mm (1.97")	55 mm (2.17")	57 mm (2.24")	70 mm (2.76")

## TECHNICAL SPECIFICATION:



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### Materials of construction

Bearing material	Tungsten carbide – standard
O-rings and gasket materials	Gaskets – PTFE
	O-rings – FPM
All stainless steel parts	AISI 316L
Surface finish	Ra 0.8 µm (32 micro inches)
	Certificates as an option

### Drive unit

	Sanimixer 500	Sanimixer 3 000	Sanimixer 7 000	Sanimixer 30 000
Voltage	230/460 V AC			
Nominal current at 460V / 60Hz	0.64 A	2.4 A	3.2 A	4.8 A
Nominal motor frequency*	50/60 Hz			
Protection	IP65			
Operating Temperature	-25°C to +70°C (-13°F to 158°F)			
Weight	7 kg (15 lbs)	21 kg (46 lbs)	24 kg (53 lbs)	55 kg (121 lbs)
Conforms to	CE/UL			

\*Sanimixer requires variable frequency drive output 15Hz - 90Hz

### Options

Intrinsically safe drive unit	Europe & Asia: Eex de IIB T4 North America: Class I, Div 2, Class I, Div 1, Groups C&D, Class II, Groups F&G
Impeller monitor sensor	Magnetic proximity switch (standard duty or intrinsically safe)
Impeller monitor display	Ratometer 120 V AC



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