

Slow
agitation

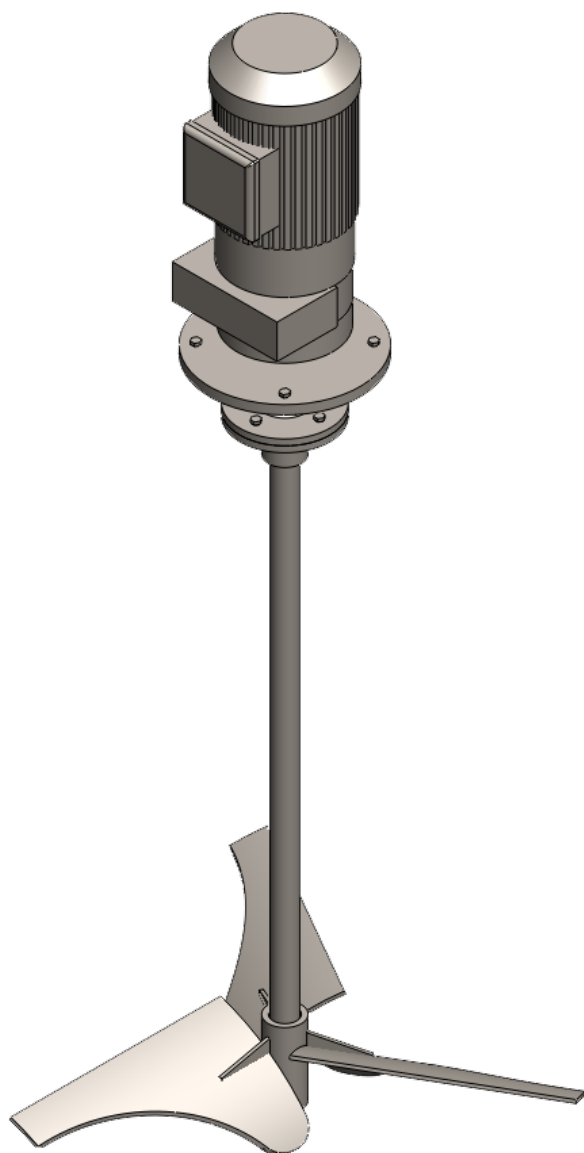
Inóx
316L

SLS
propeller

Volume
up 100 m³

Without
maintenance

Three-phase
and
mono-phase
versions



Colberge SLS

The agitators of SLS series of slow speed, provide a turbulent and homogeneous system, is ideal for various applications in water treatment plants such as preparation of reagents, mixing, neutralization, suspension of sludge and simple agitation processes at industrial level.

They are industrial agitators with shaft, coupling and propeller type SLS of high performance, built in stainless steel AISI 316 L.

The SLS series is of low power consumption and allows operation to continue even dry. These agitators are recommended in tanks of varying volume.

The moto-reductor used in single phase or three-phase version, is armored, not needing any maintenance over the lifetime. Its protected by RAL 7001 anticorrosive-paint.

Technical features

In the table shown below are the SLS models, its main characteristics and limits of application according to the type of mixture, assuming the following assumptions for its design.

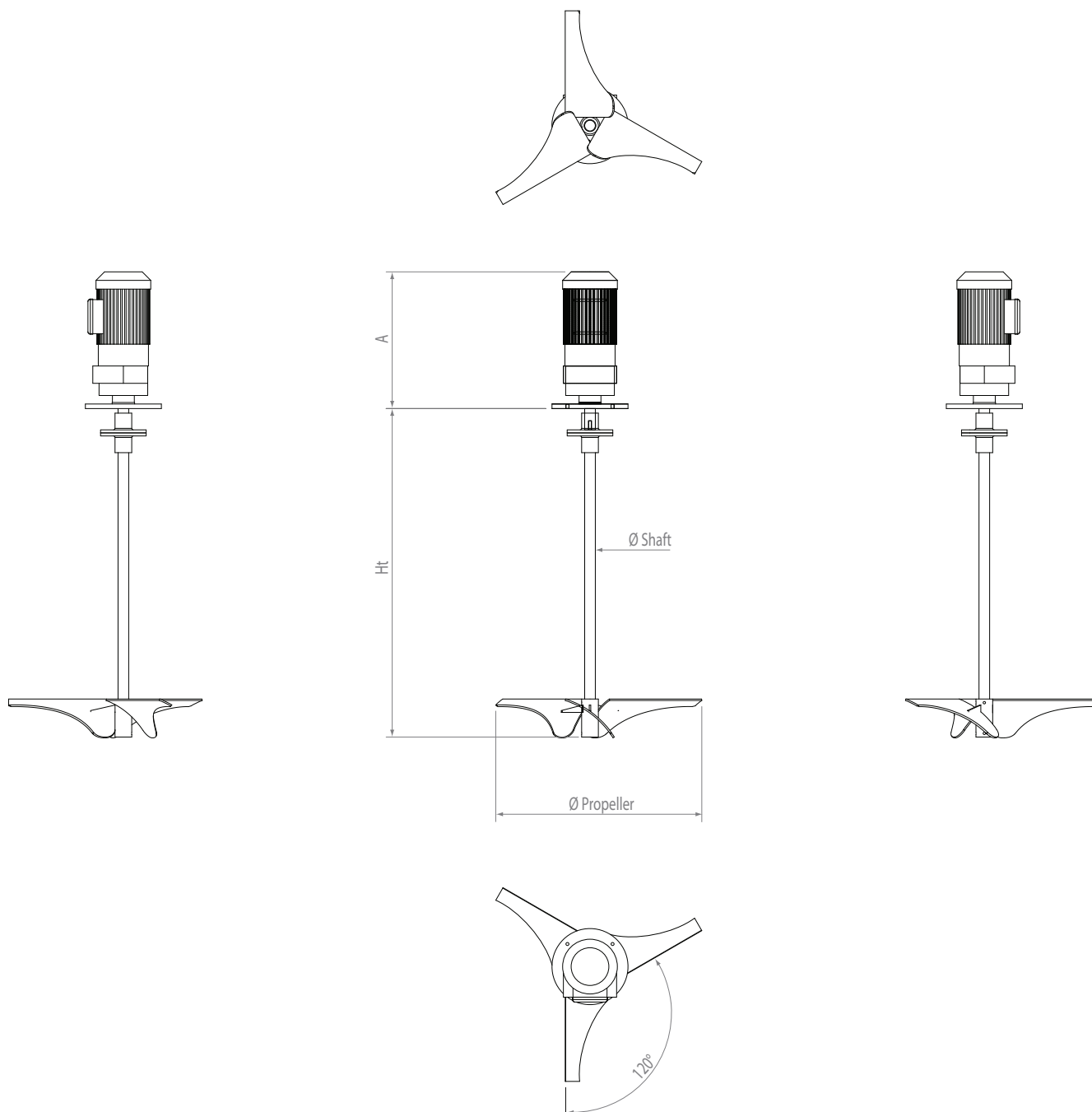
- Round deposits with anti-vortex side walls and ratio height/diameter <1.5;
- Centered agitator and apeak to the liquid;
- Propeller located at 1/3 of wet volume;
- Viscosity and density close to water;
- Process of shaking type batch;
- Agitation liquids compatible with the material of construction (stainless steel AISI 316L).

Agitation types

Although only rudimentarily, we could consider three types of Agitators when selecting the appropriate model.

- F** – Easy Agitation. Dissolution of a liquid in water, type of reagents mixing of low viscosity.
- N** – Normal Agitation. Dissolution and suspension of solids in water at low concentrations.
- D** – Difficult Agitation. Dissolution of dense solid or viscous reagents in water.

Views / Dimensions



SLS Series	Model	Power	Rotation	A	Ø E	Ø F	Ø C	Ø Propeller	Ø Shaft	Ht _{max}	Max. Volume (m ³)		
		kW	rpm	mm	mm	mm	mm	mm	mm	mm	F	N	D
	SLS 7535	0,75	332	419	200	165	13	350	25	1500	7	4	2
	SLS 11060	1,1	107	457	200	165	13	600	40	1900	17	10	4
	SLS 15080	1,5	103	485	200	165	13	800	50	2200	25	15	8
	SLS 150100	1,5	103	485	200	165	13	1000	60	2200	50	25	12
	SLS 220120	2,2	105	510	250	210	13	1200	90	2400	70	40	18
	SLS 300180	3	57	525	250	210	13	1800	90	2800	100	70	30
	SLS 400200	4	51	721	300	265	13,5	2000	114	4000	120	90	45

Dts SLS GbDC23052014