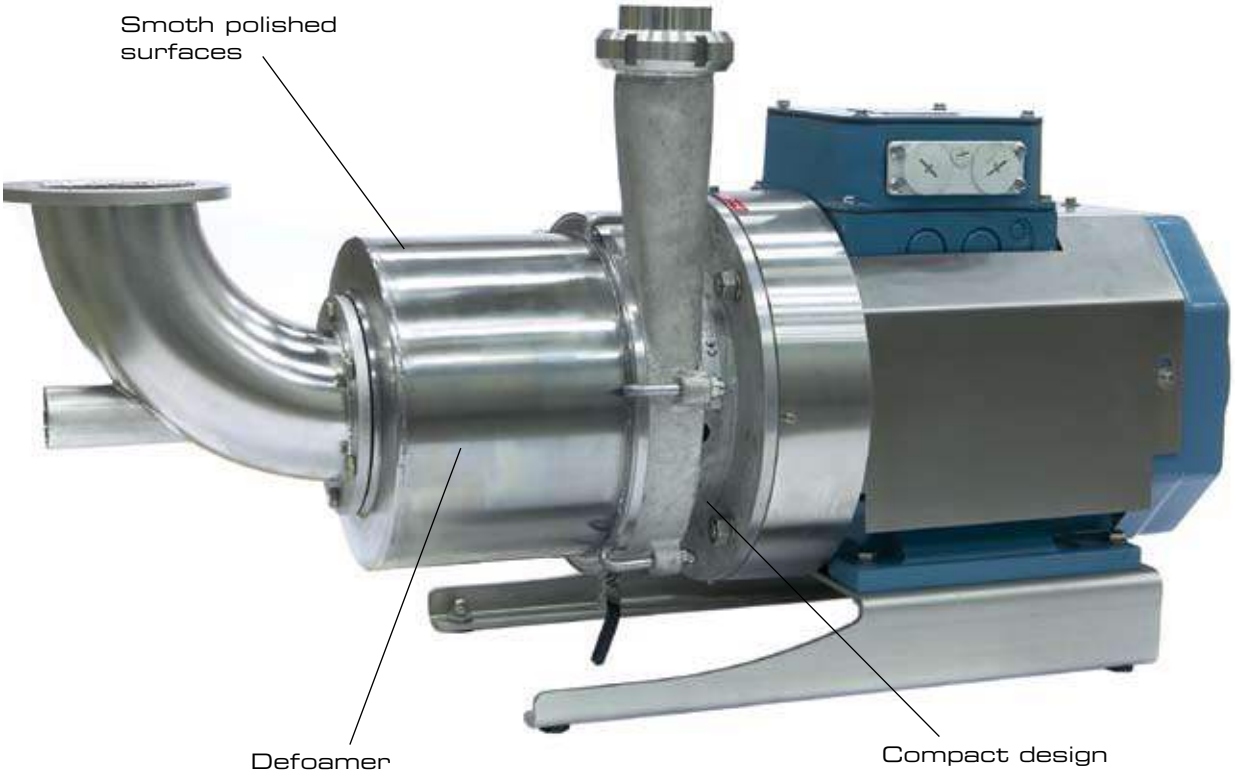
LARSSON SWEDEN

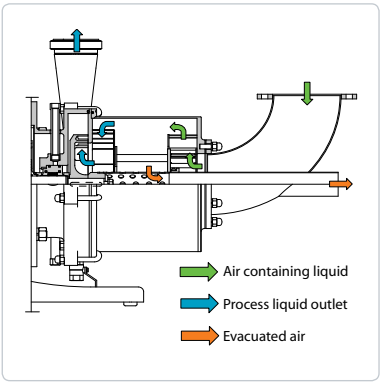
LARSSON **Centrifugal Pump**

GL1SD GL2SD GL3SD GL5SD



Optimal Pumping of Foaming Slurries

LARSSON centrifugal pump GLSD is specially designed for pumping foaming slurries that occur in starch production processes. The GLSD unique design makes it possible to pump these slurries in a centrifugal pump.
The slurry is first deaerated and defoamed in the defoaming chamber. Then, via guide vanes, the slurry passes into the pump casing where it is continuously pumped.
The GLSD pump is compact and includes a protective motor hood. The polished surfaces are easy to keep clean.
The GLSD pump is equipped with an externally flushed double seal or an internally flushed single seal.
The GLSD centrifugal pump is available in four different sizes in combination with motor outputs from 2.2 kW up to 30 kW. There is a GLSD pump suitable for every flow requirement, which means that GLSD pumps provide optimal efficiency.
GLSD centrifugal pumps can easily be integrated in a process, for example in multistage extractors or as a free standing component. The GLSD centrifugal pump is available with options such as an inlet tank



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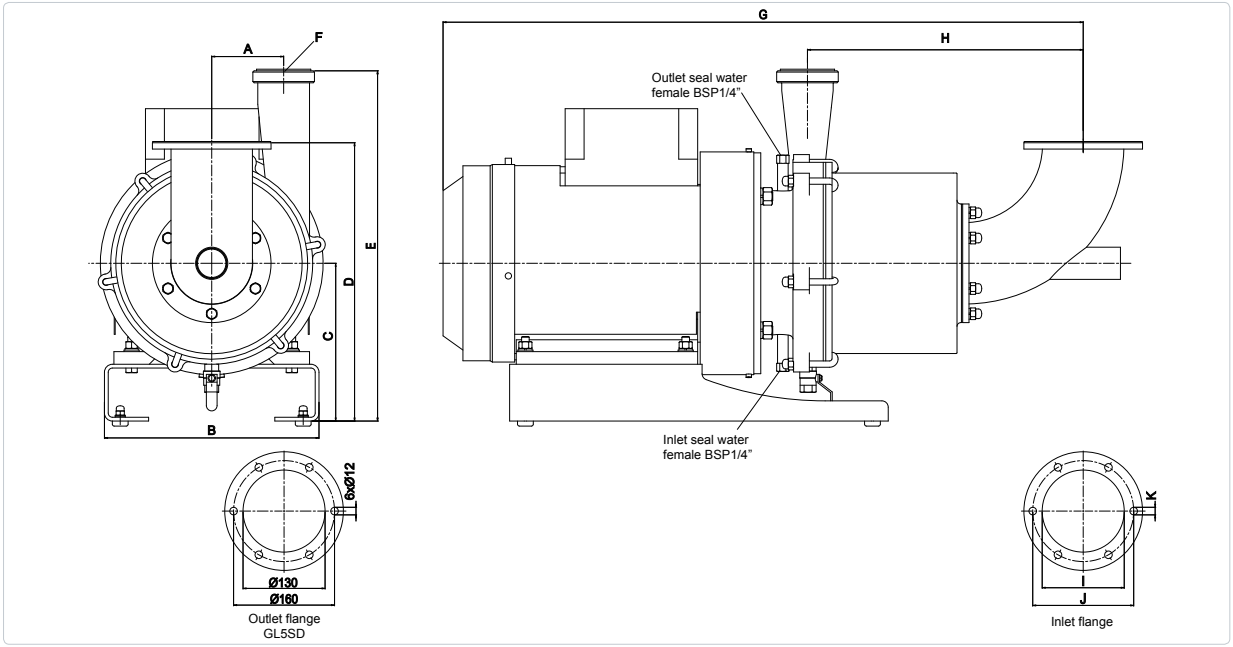
Technical Information

LARSSON centrifugal pump GLSD is fabricated completely in stainless steel.
AISI 316 (EN 1.4401) for media touched components in AISI 304 (1.4301) for non-media touched components.
GLSD operates within the flow range of 0-80 m^3/h at a pressure of 1 to 2.5 bar.
For further technical information, contact LARSSON.

Model	Flow (m^3/h)	Pressure (bar)
GL1SD	0-10	1-2
GL2SD	10-20	1-2
GL3SD	20-40	1-2.5
GL5SD	40-80	1-1.5

General dimensions (mm)

Model	kW	rpm	A	B	C	D	E	F	G	H	I	J	K
GL1SD	2.2	3000	74	175	150	250	300	SMS 38	630	320	Ø70	Ø100	4xØ12
GL2SD	4	3000	94	250	200	355	400	SMS 51	710	345	Ø100	Ø130	6xØ12
	5.5	3000	94	295	200	355	400	SMS 51	795	345	Ø100	Ø130	6xØ12
GL3SD	7.5	3000	114	295	250	440	555	SMS 76	880	440	Ø125	Ø160	6xØ12
	11	3000	114	295	250	440	555	SMS 76	1020	440	Ø125	Ø160	6xØ12
	15	3000	114	295	250	440	555	SMS 76	1020	440	Ø125	Ø160	6xØ12
GL5SD	22	1500	166	350	300	600	850	Ø130	1510	815	Ø200	Ø235	8xØ12
	30	1500	166	390	300	600	850	Ø130	1565	815	Ø200	Ø235	8xØ12



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