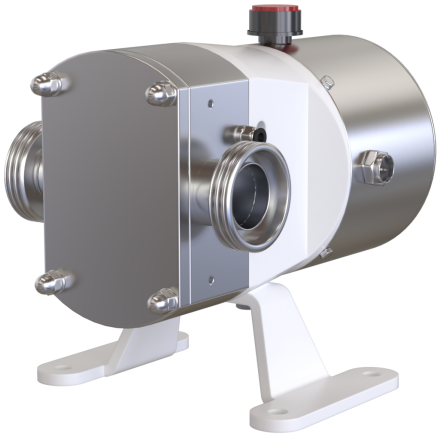
PRODUCT CATALOG

TMXFLOW

CHOCOLATE PUMP

Chocolate Pump

TMXFLOW
let it flow



Application

SLA Eco lobe pumps combines cost effective simplicity and easy maintenance with TMX quality and reliability.

SLA Eco has been developed for general applications within the dairy, Beverage, food, home, chemical and personal care industries.

Fully with CIP cleanable. This pump is also perfect for handing any liquid with low or high viscosity. When it comed to filtration and bottling
Applications. Products containing brittle solids such as curd.

Thanks to specially designed lobes, it can be pumped without damage. Easy inspection or replacement without the need for pipework disassembly.

SLA Eco Pump is a bare shaft rotary lobe pump. It is made of a stainless steel.

Pump casing and cover, and two-lobe rotors with sanitary attachment.

SLA Eco lobe pump is provided with an intemal mechanical seal approved EHEDG. The seal is balanced and has a hygienic design. When
required, other materials can be used.

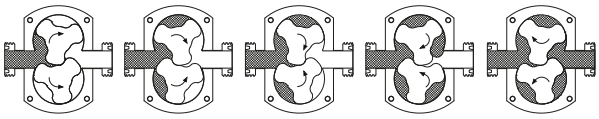
SLA Eco Pump range is compact, efficient and capable of flow rates up to 122m³/h and pressures up to 12 bar.

User Benefits

High efficiency
Low energy concumption
Compact size
Smooth flow
Reversible operation
Low shear pumping
Minimal pumped media agitation
Easy maintenance
Hygienic design

Operation

The positive displacement of the series SLA pump is provided by npn-contacting, contra-rotating two or tri-lobe rotors within a fully swept pump chamber.



Materals

Pump Head Housing	AISI 316L
Gasket	EPDM or FPM
Gear Box	GG25
Shafts	Duplex Stainless Stell
Shaft Seal	Single, double mechanical seal
Surface Finish	Ra <0,8 um
Connections	DIN 11851, SMS, ISO, Clamp
Base Plate	Stainless Stell
Coupling Guard	Stainless Stell

Operating Limits

Maximum flow	122m³/h
Maximum differential pressure	12 Bar
Maximum working pressure	12 Bar
Temperature range (EPDM)	Duplex Stainless Stell
Temperature CIP, max. 30 min	Single, double mechanical seal
Maximum speed	950 rpm

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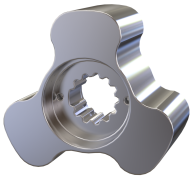

Tri-Lobe

Bi-Wing

SLA ECO Lobe Pump basically consist of two lobe rotors which rotate synchoronously inside a casing without touching each other.

As the rotors rotate, the spaces between the lobes and the casing are filled with the pump product, which is Transported to the discharge nozzle with a fixed amount of displacement.

The pumped fluid forms a continuous stream thanks to thetolerances between the lobes and the pump casing, this ensuring an efficient pumping.

Operating Data

Model	Tri-Lobe max(m³/h)	Bi-Wing max(m³/h)	Max Bar	Tri-Lobe Volume at 100 rpm/lt	Bi-Wing Volume at 100 rpm/lt	Max Speed (rpm)
SLA ECO 1-25	7,98	9,12	12bar	14	16	950
SLA ECO 1-40	8,55	9,69	12bar	15	17	950
SLA ECO 1-50	10,83	12,54	10bar	19	22	950
SLA ECO 2-40	15,96	18,81	12bar	28	33	950
SLA ECO 2-50	19,38	23,37	10bar	34	41	950
SLA ECO 2-65	25,08	30,21	10bar	44	53	950
SLA ECO 3-65	30,24	36,72	12bar	70	85	720
SLA ECO 3-80	35,85	43,2	10bar	83	100	720
SLA ECO 3-100	43,63	53,13	10bar	101	123	720
SLA ECO 4-100	72,36	79,2	8bar	201	220	600
SLA ECO 4-125	90	98,64	8bar	250	274	600
SLA ECO 4-150	107,28	117,72	8bar	298	327	600