



KAISZER PUMP

WATER & WASTEWATER TREATMENT

Lobrotor / Gear pumps.





KAISZER PUMP

WATER & WASTEWATER TREATMENT
MINI STU-10 lobe pump

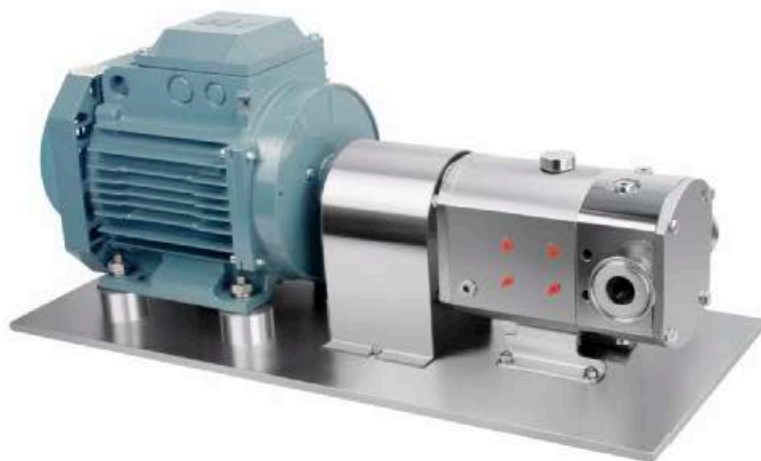
flexible solution for
two-direction reversible, high
viscosity, low viscosity, low pulse,
liquid transportation



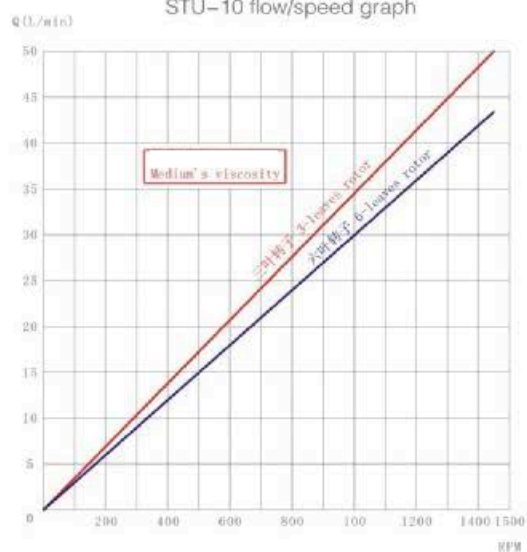


KAISZER PUMP

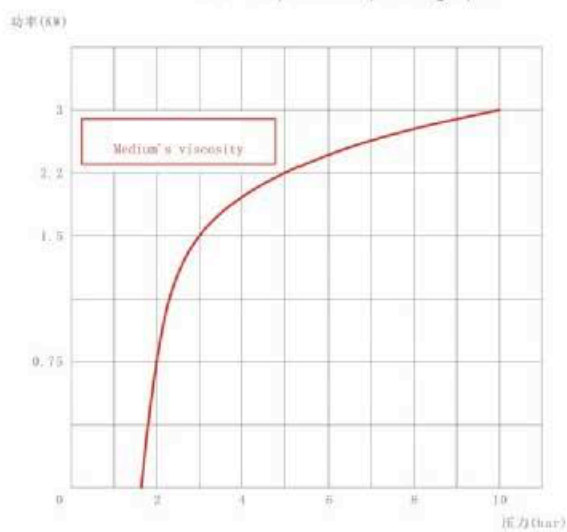
WATER & WASTEWATER TREATMENT



STU-10 flow/speed graph



STU-10 pressure/power graph



Technical Specifications

Max flow	3000L/h
Max pressure	12bar
Speed range	10-1450 R.P.M
Working temperature	-40°C to 150°C
Surface treatment	Ra≤0.6 μm; EP=Ra0.4 μm
Material	100% stainless steel, parts contacting medium 316L
Certification	3-A-02-11 No.1759; FDA 177.2600; CE-MD,06-42 No. 705201402401-00



KAISZER PUMP

WATER & WASTEWATER TREATMENT
TU series lobe pump



Solution for two-direction reversible,
high pressure, high and low viscosity,
solid particles
high clean solution



TUR/TUL series lobe pump



STUR/TUL series lobe pump



KAISZER PUMP

WATER & WASTEWATER TREATMENT

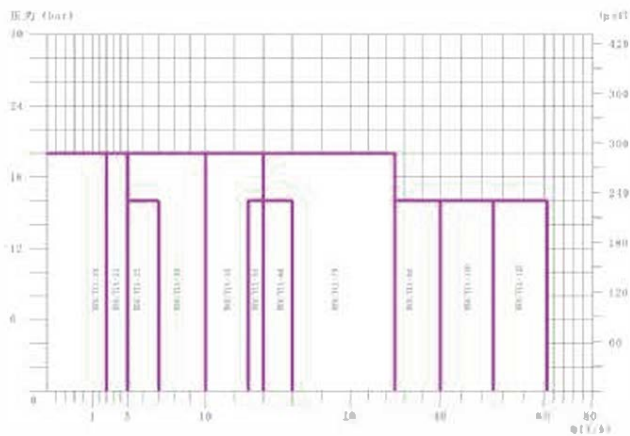


Servo motor configuration

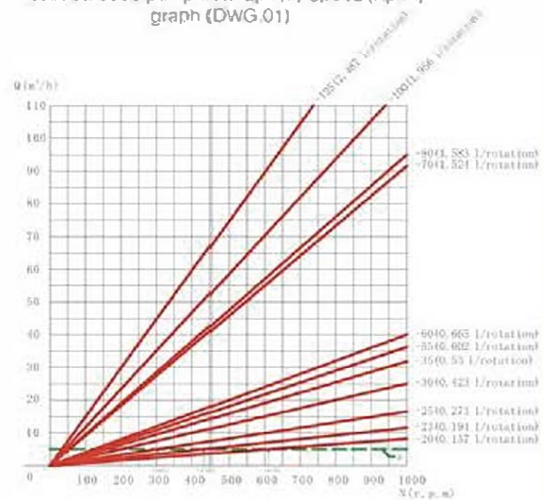


Variable frequency motor configuration

TUR/TUL lobe pump flow Q(T/h)–pressure (bar) graph



TUR/TUL Lobe pump flow Q(m³/h) Speed (r.p.m) graph (DWG.01)



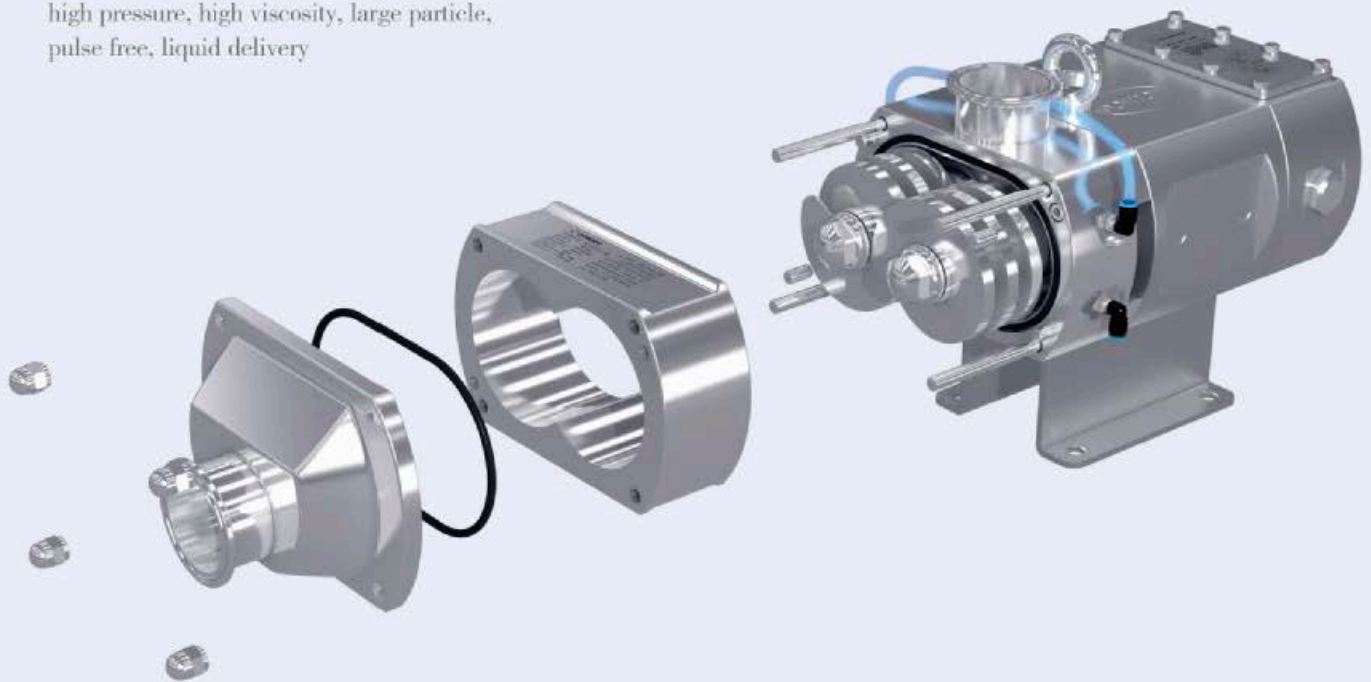
Max flow	90m ³ /h/395 GPM
Max pressure	15bar/220 Psi
Max Temperature	150°C/302°F
Max rev	750 rpm
Material	316L, 1.4404, ASME BPE 316L, 1.4435 NB2 F _{0.5}
Surface treatment	≤ Ra0.8 μm, ≤ Ra0.6 μm, ≤ Ra0.4 μm
Certification	3-A-02-11 No 1759; FDA 177 2600; CE-MD/06-42 No. 705201402401-00



KAISZER PUMP

WATER & WASTEWATER TREATMENT
 LG series twin screw pump

Flexible solution for two-direction reversible,
 high pressure, high viscosity, large particle,
 pulse free, liquid delivery

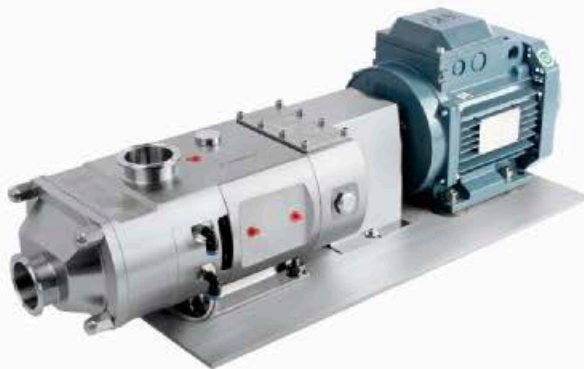


Model	Screw spacing (mm)	Flow per rotation	Max flow (L/m)	Max flow (m ³ /h)	(rpm) Max speed (minutes)	Max solid (mm)	Max pressure (bar)	Pump head port (inlet)	Body port (outlet)	Net weight (kg)
LG-L/R-20-18	18	0.09	324	19.4	3600	8.5	20	1.5"-2"	1"-1.5"	29.9
LG-L/R-20-26	26	0.13	468	28.1	3600	12.5	20			
LG-L/R-20-48	48	0.22	638	38.3	2900	23.5	15			
LG-L/R-30-26	26	0.20	580	34.8	2900	12.5	20	2.5"-3"	2"-3"	58.7
LG-L/R-30-36	36	0.29	841	50.5	2900	17.5	20			
LG-L/R-30-60	60	0.46	1334	80.0	2900	29.5	15			
LG-L/R-70-32	32	0.53	1537	92.2	2900	15.5	20	3"-4"	3"-4"	154.7
LG-L/R-70-48	48	0.79	2291	137.5	2900	23.5	20			
LG-L/R-70-80	80	1.40	4060	243.6	2900	39.5	12			

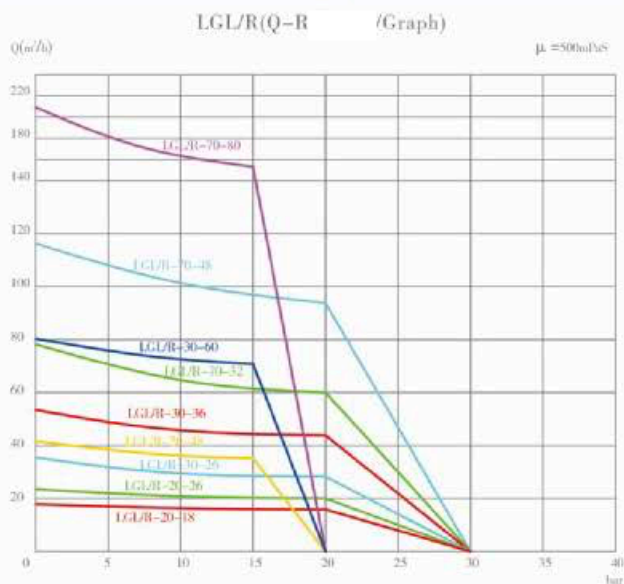
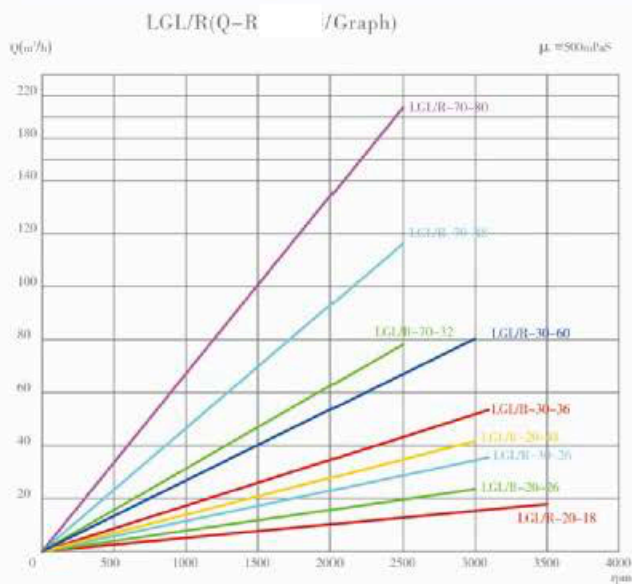


KAISZER PUMP

WATER & WASTEWATER TREATMENT



LG screw pump graph



Technical Specifications

Max flow	180m ³ /h
Max particles	39mm
Max pressure	20bar
Speed range	10-3500 R.P.M
Working temperature	-40°C to 150°C
Surface treatment	Ra≤0.6 μm; EP=Ra0.4 μm
Material	100% 不锈钢、介质接触部分316L 100% stainless steel, parts contacting with medium 316L
Certification	3-A-02-11 No.1759; FDA 177.2600; CE-MD/06-42 No.705201402401-00



KAISZER PUMP

WATER & WASTEWATER TREATMENT
rich and flexible combination



Variable frequency motor helical gear screw pump

The pump is equipped with helical gear gearbox and frequency variable motor. According to the user's individual needs, can set and edit the inverter, can also be automatically controlled by PLC programming.



Motor Direct-connected Screw Pump (recommended configuration)

The motor is directly connected, which means that the motor is not connected to the pump through the reducer or other intermediate assembly, but is directly connected to the screw pump. This configuration can set and edit the inverter according to the user's individual needs. PLC programming implements automatic control.



Full Protection Screw Pump

Pump with whole protecting cover can reduce dead angle due to irregular pump driving device. Protecting cover can also protect motor and personal safety.



KAISZER PUMP

WATER & WASTEWATER TREATMENT



Material Mixing Interface Screw Pump

The front end of the configuration is equipped with a dedicated material mixing interface. The device is very simple and convenient, and can be installed either on the front cover or on the pump body.



Flanged Hopper Screw Pump

The pump is designed with a square flange hopper and a circular flange hopper. It is equipped with a hopper and a screw pump. The assembly is mainly used to add functions such as powder, granules and solids.

Typical product application



Food And Drink

Soup, stew, ketchup, vegetables, condiments, chocolate, fat and oil, cream filling, breweries, wort, brewery, wort, soft drink/fruit juice.



Dairy

Cream, milk, cheese curd and whey, cottage cheese, yogurt.



Medicine/Cosmetic

Ointment, syrup, extract, serum, face creams & lotions, hair styling gels & liquids, dyes and alcohols, soap, cosmetics.



Chemical/Industrial

Solvents, paints, fuels, resins, polymers & sludges, oil & lubricants.