



DONJOY looking forward to your visit! Your telecommunications!



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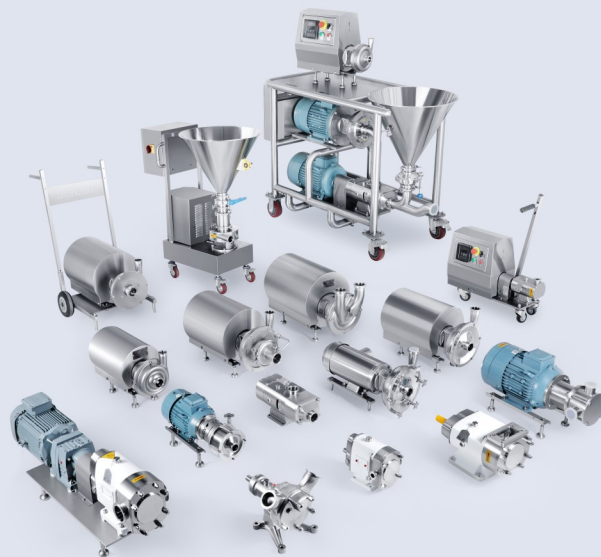
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and economic compensation.

Purity pumps

2022 / 洁净泵 智能制造



国家高新技术企业 浙江省著名商标

Advantages



27 YEARS

27年的阀门研发与制造
More than 27 years valve and pump R&D and Manufacturing

20 YEARS

20年的高洁净泵研发与制造
More than 20 years high purity pump R&D and Manufacturing

15 YEARS

15年的阀门控制器研发与制造
More than 15 years valve controller R&D and Manufacturing

12 YEARS

12年的清洗技术研发与制造
More than 12 years Cleaning technology R&D and Manufacturing

300

300多人的专业团队
A profession team of over 300 people

200

200多项知识产权
More than 200 intellectual property rights

30

30多项国际权威认证
More than 30 international authoritative certifications

20

20多项国家与省级荣誉
More than 20 national and provincial honors certificates

超过10年研发经验
工程师队伍
We have more than
10 years experienced engineer
team in R & D.

日本Mazak
CNC复合加工中心
CNC切削中心
CNC车床
Japan Mazak
CNC compound machining center
CNC cutting center
CNC lathe

发那科 (Fanuc)
全自动化机器人生产线
《Fanuc》 Automatic robot
production line

高新技术企业
省著名商标
主任质量奖、一项发明、
200余项专利
New high-tech enterprise,
Provincial famous trademark,
Director's Quality Award,4 inventions
More than 200 patents

欧盟CE
美国3-A, FDA
中国特种设备许可证 TS
防霉认证ATEX CNEX
European Union CE certificate
USA 3-A, FDA
China Special Manufacturing
License TS
ATEX CNEX

我们能为您提供
定制化技术服务和制造,
OEM ODM
We can provide
you OEM & ODM service

领先的检测手段,
30多台专业检测设备和
50多种检测方法, 确保
每个产品性能和精度
Advanced detection method,
More than 30 pcs professional
testing equipment. More than
50 inspection ways, ensure product
performance and accuracy

30 YEARS

30年洁净领域的专注
30 years of focus in the field of cleanliness

30 YEARS

30年工程应用经验与市场考验
30 years of engineering application experience and market test

三十而立正蕴含着新的力量，
未来我们将一如既往的致力于技术革新！
We Donjoy have established for 30 years, still full of
new energy, in the future we will stick to concentrate on
technology innovation

Introduction

东正创立于1993年，占地面积29000m²，注册资本1.0538亿元，员工300余人，技术团队30余人，200余项知识产权，国际权威认证30余项，国家与省级荣誉证书20余项，且拥有国际领先的加工技术和制造设备，如Mazak CNC四轴、五轴加工中心、复合型切削中心、FANUC机器人生产线以及各种国际领先的检测设备等。

东正制造的产品远销全球并获得国内外用户高度好评，我们的产品和服务涵盖高洁净泵、阀门控制技术、PID自控阀门、高洁净阀门、容器管道安全控制技术、容器清洗技术、容器管道照明技术、过滤技术以及高洁净管道和配件等。广泛应用于生物制药、食品饮料、酿酒、精细化工、日化洗涤、纺织印染、电池和新能源等工业领域。

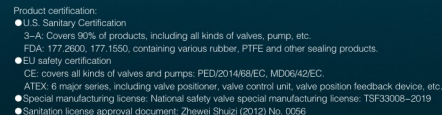
Donjoy is founded in 1993, covers an area of 29,000 square meters, registered capital of 105.38 million yuan, we have more than 300 employees, we have more than 30 persons technical team we have more than 200 intellectual property rights, we have more than 30 authoritative international certification, we have more than 20 national and provincial certifications, and has an international leader of first processing technology and manufacturing equipment, such as Mazak CNC four axis, five axis machining center, compound cutting center, FANUC robot production line and various international collar first detection equipment, etc.

The products manufactured by Donjoy are sold all over the world and are highly praised by domestic and overseas Products and technology cover high purity pump, valve control technology, PID automatic control valve, high purity valve, container pipeline safety control technology, container cleaning technology, container pipe road lighting technology, filtration technology and high purity pipes and accessories. Widely used in the biopharmaceuticals, food and beverage, wine, fine chemicals, daily chemical washing, textile printing and dyeing, battery and new energy and other industrial fields.



产品认证:

- 美国卫生认证: 3-A: 涵盖了90%的产品, 其包含各种形式阀门、泵系列等。FDA: 177.26000, 177.1550, 其包含各种橡胶和PTFE及各种密封制品等。
- 欧盟安全卫生认证: CE: 其涵盖了100%各种阀门和泵系列: PED2014/68/EC, MD06/42/EC, ATEX: 6系列其包含阀门定位器、阀门控制单元、阀门位置反馈器等。
- 特种制造许可证: 国家安全生产许可证: TSF33008-2019
- 卫生许可批件: 浙卫字(2012)第0056号



MINI STU-10 转子泵
MINI STU-10 lobe pump

双向可逆、高粘稠、低粘稠、全不锈钢
低脉冲、柔性输送物料的方案
Flexible solution for two-direction reversible, high viscosity,
low viscosity, all stainless steel, low pulse, liquid transportation



MINI-STU-R/L-10技术特性表-选型表
MINI-STU-R/L-10 Lobe Pump - Technical Characteristics Table - Selection Table

型号 Model	压力 Pressure (bar)	电机 Motor (kw)	进出口 尺寸 Inlet/Outlet size	每转排量 Flow per revolution (LR)	建议 转速范围 Recommended speed range (RPM)	建议转速 范围流量 Recommended speed range flow (L/h)	推荐转速 速度 Recommended speed (RPM)	推荐转速 流量 Recommended speed flow (L/h)	净重量 1kW (KG)
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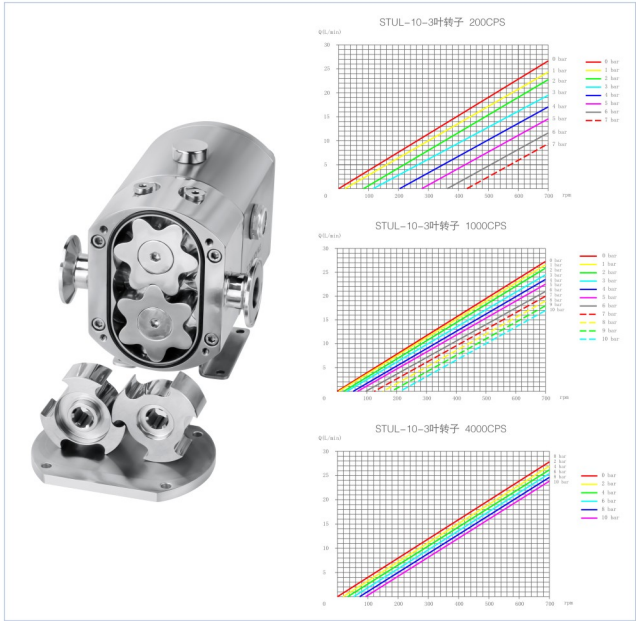
3叶转子技术参数-选型表 Technical parameters - Selection table for 3-leaves mini rotor pump

STU-R/L-10	2	0.75	1"-DN25	0.035	50-700	105	1470	500	1050	24
	3	1.5								31
	5	2.2								34
	10	3.0								43



5叶转子技术参数-选型表 Technical parameters - Selection table for 5-leaves mini rotor pump

STU-R/L-10	2	0.75	1"-DN25	0.03	50-700	90	1260	500	900	24
	3	1.5								31
	5	2.2								34
	10	3.0								43

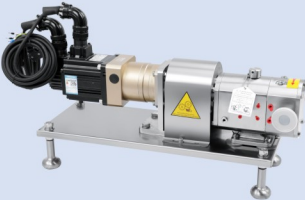


技术参数 Technical Specifications

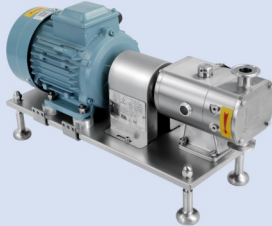
流量 Max flow	3000L/h
压力 Max pressure	12bar
转速范围 Speed range	10-1450 R.P.M
工作温度 Working temperature	-40°C to 150°C
表面处理 Surface treatment	Ra<0.6μm ₂ EP+Ra0.4μm
材质 Material	100%不锈钢, 介质接触部分316L, 100% stainless steel, parts contacting medium 316L, 双相钢 Dual-phase steel 2205, 哈氏合金 Hastelloy alloy C276
认证 Certification	3-A-02-12 No.1759; FDA 177.2600; CE-MD06-42 No.705201402401-00

MINI STU-10 转子泵 MINI STU-10 lobe pump

每一款泵的设计是基于——美国卫生标准《3A-02-12》，欧盟安全指令《MD/06/42/EC》
国际领先合作伙伴——西门子、ABB、SEW、皖南、Roplan，确保每一款泵更加的，经久耐用、高效、洁净、安全
The design of each pump is based on - US Sanitary Standard "3A-02-12", EU Safety Directive Design "MD/06/42/EC"
International leading partners - Siemens, ABB, SEW, WH, Roplan, to ensure that each pump is more durable, efficient, clean and safe



伺服电机驱动-MINI转子泵
Servo Motor Drive-MINI Rotor Pump



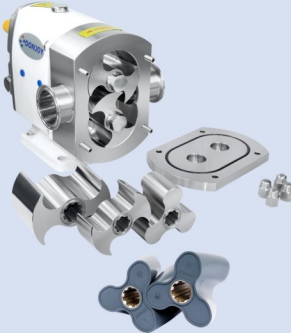
电机直连式-MINI转子泵
Motor direct connection type-MINI rotary lobe pump



移动式-一体式控制箱转子泵
Mobile-Integrated control box rotary lobe pump

一体式控制箱转子泵
Integral control box rotary lobe pump

TU/STU 系列转子泵 TU/STU series lobe pump



双向可逆运行、
高压、高低粘度、固体颗粒
高洁净的解决方案
Solution for two-direction reversible,
high pressure, high and low viscosity, solid
granule high clean solution

转子泵有2大系列:
TU系列-铸铁齿轮箱
STU系列-全不锈钢齿轮箱
There are 2 series of rotary lobe pumps:
TU series - cast iron gearbox
STU series-all stainless steel gearbox



技术参数 Technical Specifications

最大流量 Max.flow	90m ³ /h/395 GPM
最高压力 Max.pressure	15bar/220 Psi
最高温度 Max.Temperature	150°C/302 F
最高转速 Max.rev	750 rpm
材质 Material	316L, 1.4404,ASME BPE 316L, 1.4435 Nb2 Fe≤0.5% 双相钢 Dual-phase steel 2205, 哈氏合金 Hastelloy alloy C276
表面处理 Surface treatment	≤ Ra0.8 μm, ≤ Ra0.6 μm, ≤ Ra0.4 μm
认证 Certification	3-A-02-12 No.1759, FDA 177.2600, CE-MD/06-42 No. 705201402401-00

不同的转子配置

Rotor configurations

每一款泵的设计都是基于——
英国卫生标准《3A-02-12》,
欧盟安全指令《MD/06/42/EC》
国际领先合作伙伴——

西门子、ABB、SEW、统南、Roplan,
确保每一款泵更加的,
经久耐用、高效、洁净、安全

The design of each pump is based on –
US Sanitary Standard "3A-02-12",
EU Safety Directive Design "MD/06/42/EC"
International leading partners –
Siemens, ABB, SEW, WH, Roplan,
to ensure that each pump is more durable,
efficient, clean and safe

不同的转子配置都是
适用于STU和TU系列转子泵
Different rotor configurations
are available for STU and TU series
rotary lobe pumps



各种款式转子选择

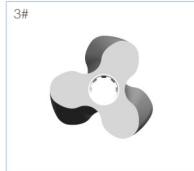
Various Rotor Selection



蝶型转子(推荐):
适用于含有颗粒介质输送, 对于颗粒破碎率较低, 有较小脉动;
Butterfly rotor (recommended):
With low particle breakage rate and small pulse, suitable for transporting



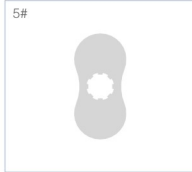
三叶型转子(选型):
适用于各种介质输送, 对于颗粒有破碎率, 相比较蝶型转子脉动现象更小。
3-leaves rotor (optional):
With granule breakage rate and smaller pulse than butterfly rotor, suitable for transporting all



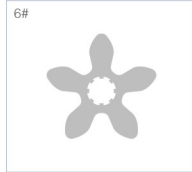
螺旋三叶转子(选型):
适用于各种介质输送, 对于颗粒物料较小破碎率, 极小的脉动, 成本高。
Spiral 3-leaves rotor (optional):
With low granule breakage rate, very small pulse and high cost, suitable for



单蝶型转子(选型):
适用于含有大颗粒物料输送, 对于大颗粒物料破碎率较低, 但其脉冲较大, 压力低, 容积量小。
Single butterfly rotor (optional):
With low granule breakage rate for large particle, large pulse, low pressure and small volume, suitable for transporting material with large particle.



二叶型转子(选型):
适用于各种介质输送, 对于颗粒物料有破碎率, 但其脉冲较大, 压力低, 容积量小。
2-leaves rotor (optional):
With granule breakage rate, large pulse, low pressure and small volume, suitable for transporting all kinds of material.



五叶型转子(选型):
适用于各种介质输送, 对于颗粒物料容易破碎, 极小的脉动, 相比较三叶转子流量更小。
5-leaves rotor (optional):
With high granule breakage rate, very small pulse and smaller flow, suitable for transporting all kinds of material.

TU- & STU 系列转子泵, 相关参数选型表

TU- & STU series lobe pump, parameter selection table

型号/规格 Model	转子泵 进出口尺寸 Inlet/Outlet	压力 Max pressure (bar)	最高转速 每分钟 Max speed per minute	建议转速范围 每分钟 Recommended speed range per minute	每转排量 Flow per revolution (L/R)	最大流量 Max flow (m³/h)	流量-每小时 Flow (m³/h)	每转排量 Flow per revolution (L/R)	最大流量 Max flow (m³/h)	流量-每小时 Flow (m³/h)		
												
TU/LTU-20	1"-DN25	15	700	50-450	0.122	5.1	0.37	0.137	5.8	0.41	3.7	
TU/LTU-23	1.5"-DN40	15	700	50-450	0.171	7.2	0.51	0.192	8.1	0.58	5.2	
TU/LTU-25	2"-DN50	15	700	50-450	0.240	10.1	0.72	0.270	11.3	0.81	7.3	
TU/LTU-30	2"-DN60	15	700	50-400	0.374	15.7	1.12	0.420	17.6	1.26	10.1	
TU/LTU-35	2.5"	12	700	50-400	0.468	19.7	1.40	0.526	22.1	1.58	12.6	
TU/LTU-55	DN65	12	500	50-350	0.531	15.9	1.59	1.115	0.597	17.9	1.79	12.5
TU/LTU-60	3"	10	500	50-350	0.586	17.6	1.76	1.231	0.659	19.8	1.98	13.8
TU/LTU-70	3"	15	500	50-350	1.371	41.1	4.11	28.79	15.11	45.3	45.3	31.7
TU/LTU-80	DN80	15	500	50-350	1.371	41.1	4.11	28.79	15.11	45.3	45.3	31.7
TU/LTU-100	4"-DN100	10	500	50-350	1.758	52.7	5.27	36.92	1.938	58.1	58.1	40.7
TU/LTU-125	5"-DN125	10	500	50-350	2.223	67.0	6.70	46.89	2.461	73.8	73.8	51.7

TU/STU 系列转子泵

TU/STU series lobe pump

TU- & STU 系列转子泵，相关参数选型表
TU- & STU series lobe pump, parameter selection table

型号/规格 Model	转子泵 进出口尺寸 Inlet/Outlet	压力 Max pressure (bar)	最高转速 Max speed per minute	建议转速范围 每 分钟 Recommened speed range per minute	每转排量 Flow per revolution (L/R)	最大流量 Max flow (m ³ /h)	流量-每小时 Flow (m ³ /h)		每转排量 Flow per revolution (L/R)	最大流量 Max flow (m ³ /h)	流量-每小时 Flow (m ³ /h)	
												
TU/TUR-20	1"-DN25	15	700	50-450	0.121	5.1	0.36	3.27	0.136	5.7	0.41	3.7
TU/TUR-23	1.5"-DN40	15	700	50-450	0.171	7.2	0.51	4.62	0.192	8.1	0.58	5.2
TU/TUR-25	2"-DN50	15	700	50-450	0.240	10.1	0.72	6.48	0.269	11.3	0.81	7.3
TU/TUR-30	2"-DN50	15	700	50-400	0.374	15.7	1.12	8.98	0.417	17.5	1.25	10.0
TU/TUR-35	2.5"	12	700	50-400	0.468	19.7	1.40	11.23	0.522	21.9	1.57	12.5
TU/TUR-55	DN65	12	500	50-350	0.531	15.9	1.59	11.15	0.593	17.8	1.78	12.5
TU/TUR-60	3"	10	500	50-350	0.586	17.6	1.76	12.31	0.654	19.6	1.96	13.7
TU/TUR-70	3"	15	500	50-350	1.365	41.0	4.10	28.67	1.507	45.2	4.52	31.8
TU/TUR-80	DN80	15	500	50-350	1.365	41.0	4.10	28.67	1.507	45.2	4.52	31.8
TU/TUR-100	4"-DN100	10	500	50-350	1.750	52.5	5.25	36.75	1.932	58.0	5.80	40.6
TU/TUR-125	5"-DN125	10	500	50-350	2.222	66.7	6.67	46.66	2.454	73.6	7.36	51.5

TU- & STU 系列转子泵，相关参数选型表
TU- & STU series lobe pump, parameter selection table

型号/规格 Model	转子泵 进出口尺寸 Inlet/Outlet	压力 Max pressure (bar)	最高转速 Max speed per minute	建议转速范围 每分钟 Recommended speed range per minute	每转排量 Flow per revolution (L/R)	最大流量 Max flow (m ³ /h)	流量-每小时 Flow (m ³ /h)	每转排量 Flow per revolution (L/R)	最大流量 Max flow (m ³ /h)	流量-每小时 Flow (m ³ /h)		
												
TU/TUR-20	1"-DN25	15	700	50-450	0.137	5.8	0.41	3.70	0.144	6.0	0.43	3.9
TU/TUR-23	1.5"-DN40	15	700	50-450	0.192	8.1	0.58	5.18	0.203	8.5	0.61	5.5
TU/TUR-25	2"-DN50	15	700	50-450	0.270	11.3	0.81	7.29	0.285	12.0	0.86	7.7
TU/TUR-30	2"-DN50	15	700	50-400	0.420	17.6	1.26	10.08	0.442	18.6	1.33	10.6
TU/TUR-35	2.5"	12	700	50-400	0.526	22.1	1.58	12.62	0.554	23.3	1.66	13.3
TU/TUR-55	DN65	12	500	50-350	0.597	17.9	1.79	12.54	0.629	18.9	1.89	13.2
TU/TUR-60	3"	10	500	50-350	0.659	19.8	1.98	13.84	0.695	20.9	2.09	14.6
TU/TUR-70	3"	15	500	50-350	1.511	45.3	4.53	31.73	1.584	47.5	4.75	33.3
TU/TUR-80	DN80	15	500	50-350	1.511	45.3	4.53	31.73	1.584	47.5	4.75	33.3
TU/TUR-100	4"-DN100	10	500	50-350	1.938	58.1	5.81	40.70	2.031	60.9	6.09	42.7
TU/TUR-125	5"-DN125	10	500	50-350	2.461	73.8	7.38	51.68	2.579	77.4	7.74	54.2



TU-L-系列Series



TUR-系列Series



STUL-系列Series
全不锈钢材质
All stainless steel



STUR-系列Series
全不锈钢材质
All stainless steel



外置安全阀+
保温系统
External safety valve +
heat-keeping system



内置式安全系统
Built-in security system

各种功能的配置它们都适用于STU和TU系列转子泵
Configuration of various functions they are suitable for STU and TU series rotary lobe pumps

TU/STU 系列转子泵 TU/STU series lobe pump



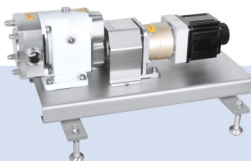
方形法兰接口
Square flange interface



定速比电机减速机
Fixed speed ratio motor reducer



控制箱+移动车
Control box + mobile car



伺服电机驱动
Servo motor drive



机械无极调速
Mechanical stepless
speed regulation



全防护罩
Full protective cover

各种功能的配置它们都适用于STU和TU系列转子泵
Configuration of various functions they are suitable for STU and TU series rotary lobe pumps

非常广泛的应用范围 Very wide range of applications



食品与饮品 Food and Drink

汤、炖肉、番茄酱、蔬菜、调味品、巧克力、脂肪和油、奶油馅料、啤酒厂、麦芽汁、软果汁饮料、肉类加工。
Soups, Stews, Tomato Paste, Vegetables, Dressings, Chocolate, Fats & Oils, Cream Fillings, Brewery, Wort, Soft Fruit Drinks, Meat Processing.



乳业 Dairy

奶油、牛奶、奶酪凝乳和乳清、干酪、酸奶。
Cream, milk, cheese curd and whey, cottage cheese, yogurt.



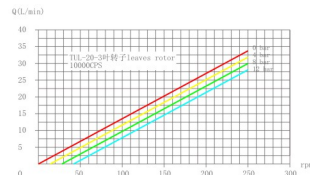
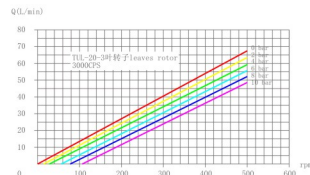
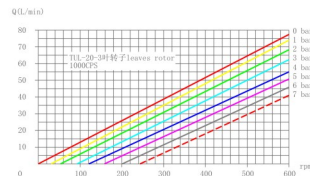
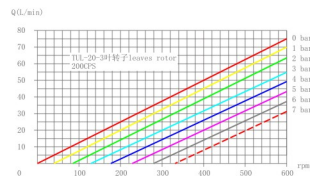
医药/化妆品 Pharmaceutical/Cosmetics

药膏、糖浆、提取物、浆液、面霜和乳液、头发定型凝胶和液体、染料和醇类、肥皂、化妆品。
Pill Pastes, Syrups, Extracts, Slurries, Face Creams & Lotions, Hair Styling Gels & Liquids, Dyes & Alcohols, Soaps, Cosmetics.

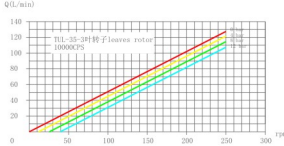
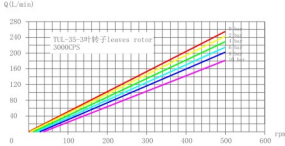
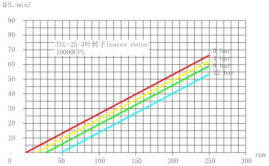
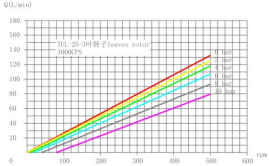
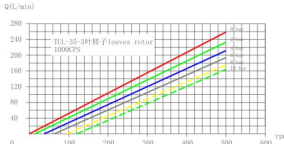
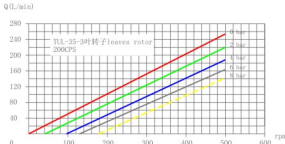
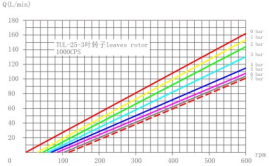
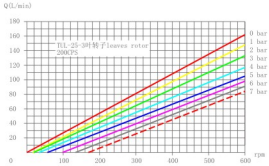
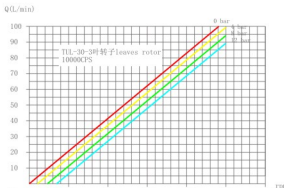
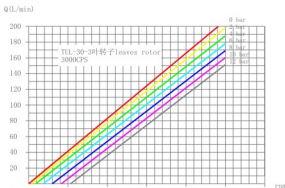
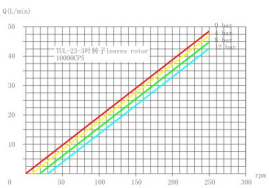
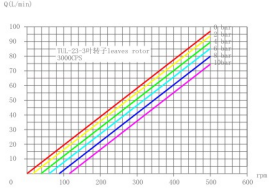
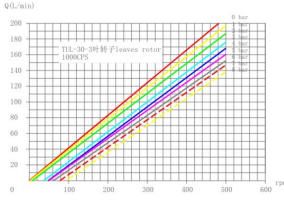
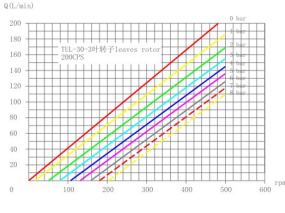
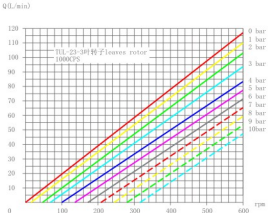
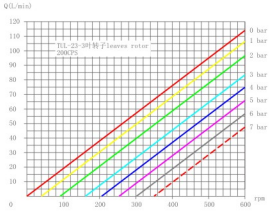


化工/工业 Chemical/Industrial

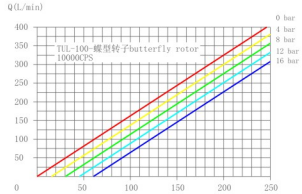
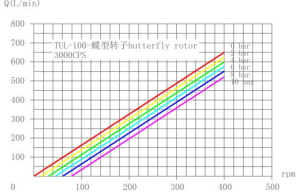
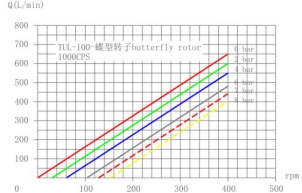
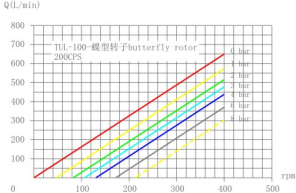
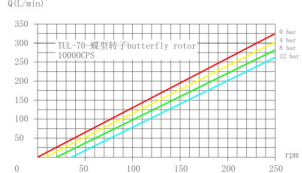
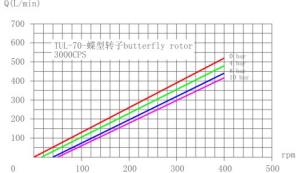
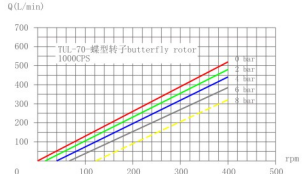
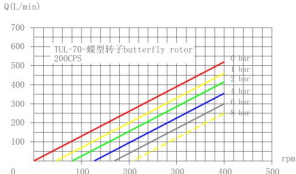
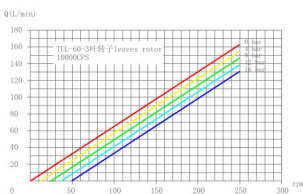
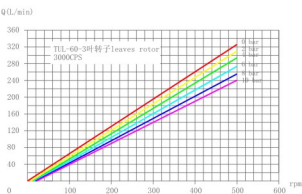
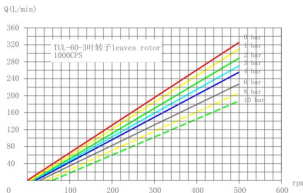
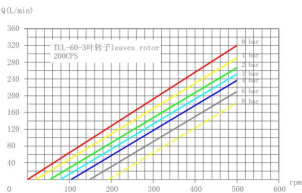
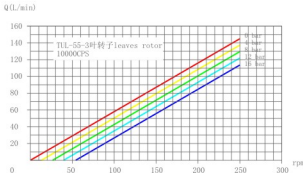
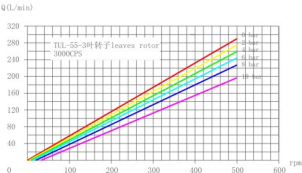
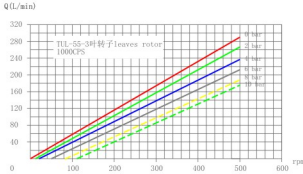
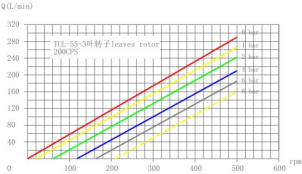
溶剂、油漆、燃料、树脂、聚合物和淤泥、石油和润滑油。
Solvents, Paints, Fuels, Resins, Polymers & Sludges, Oil & Lubricants.



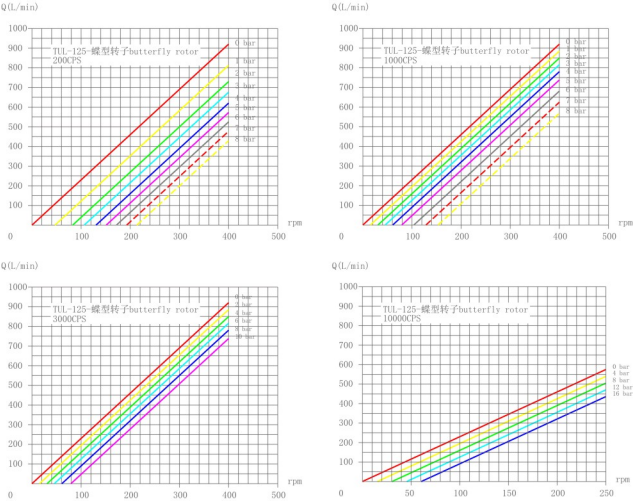
TU/STU 系列转子泵
TU/STU series lobe pump



TU/STU 系列转子泵
TU/STU series lobe pump



TU/STU 系列转子泵 TU/STU series lobe pump



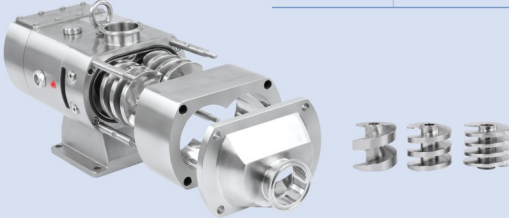
内置安全/保温/防爆电机/机械无极调速
Built-in safety/heat preservation/explosion-proof motor/mechanical stepless speed regulation

LG 系列双螺杆泵 LG series twin screw pump

双向可逆运行、高低粘度、无脉冲、高压、含颗粒等各种物料无破损柔性输送的解决方案
Bidirectional reversible operation, high and low viscosity, no pulse, high pressure, Solutions for non-damaged and flexible conveying of various materials including granule

高效、洁净、安全、耐用
维护简单、无需专业人员
Efficient, clean, safe and durable
Simple maintenance, no professional required

技术参数 Technical Specifications	
最大流量 Max flow	180m³/h
最大颗粒 Max particles	39mm
最高压力 Max pressure	23bar
转速范围 Speed range	10~3500 R.P.M
工作温度 Working temperature	-40°C to 150°C
表面处理 Surface treatment	Ra<0.6 μm; DP=Ra0.4 μm
材质 Material	100%不锈钢, 介质接触部分316L 100% stainless steel, Medium contact part 316L
认证 Certification	3-A-42-12 No.1759; FDA 177.2600; CE-MQ006-42 No. 705201402401-00



LG螺杆泵技术参数表 LG Screw Pump Technical Parameter Table

型号 Model	螺杆间距 Screw pitch (mm)	每转排量(L) Discharge per revolution	最大流量 Max flow (L/min)	最大流量 Max flow (m³/h)	最高转速 (rpm) Max speed (minutes)	可过颗粒 Max diameter of passed granule (mm)	最大压力 Max pressure (bar)	泵头进口 Head port (inlet)	泵体出口 Body port (outlet)	重量 Net weight (kg)
LGR-20-18	18	0.07	252	15	3600	8.5	20	1"-2"	1"-2"	30
LGR-25-26	26	0.10	360	22	3600	12.5	20			
LGR-30-39	39	0.15	435	26	2900	19.0	20			
LGR-30-24	24	0.14	406	24	2900	11.5	20	2.5"-3"	2"-3"	59
LGR-30-40	40	0.25	725	44	2900	19.5	20			
LGR-30-60	60	0.37	1073	64	2900	29.5	20			
LGR-70-32	32	0.47	1363	82	2900	15.5	20	3"-4"	3"-4"	155
LGR-70-54	54	0.79	2291	137	2900	26.5	20			
LGR-70-80	80	1.17	3393	204	2900	39.5	20			