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 采用生态纸印刷

NEW FACTORY



温州思普机器有限公司

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WELCOME
TO OUR COMPANY



SUPERTECH

温州思普机器有限公司
WENZHOU SUPERTECH MACHINE CO., LTD

COMPANY PROFILE 企业简介

温州思普机器有限公司成立于2010年，是一家专业生产加油、加气 and 石油设备的现代化企业。

长期以来，公司充分引进和吸收国际先进技术，并不断自主创新，目前我们的产品已经包含6大系列共计40多个品种。

公司一直视产品质量为企业之生命，我们以IOS9001作为管理的基础，同时拥有一批先进的加工中心等设备，

再通过我们严格的一丝不苟的检测，使得我们的产品性能优越，质量可靠，经久耐用。

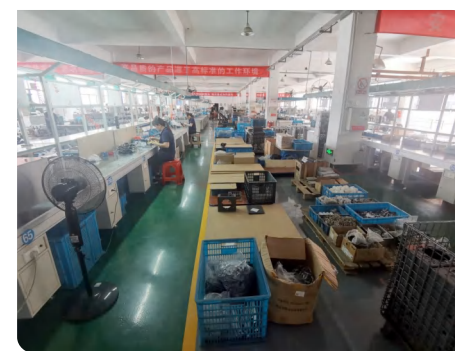
我们的宗旨：良好的服务吸引客户，一流的产品赢得客户

Wenzhou Supertech Machine co.,ltd was established in 2010 is a professional producer for fuel and LPG equipments.

Over the year,we import and absorb foreign advantage technology,and independent innovation constantly,Now we have already have 6 Series 40 kinds of products.

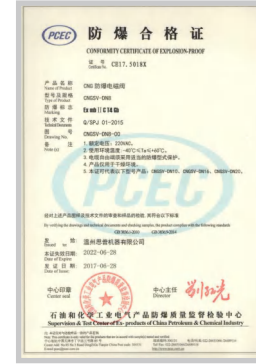
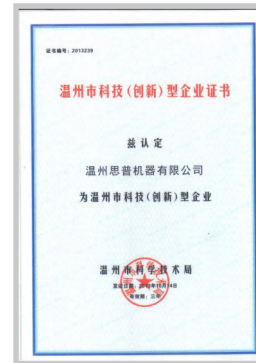
We always regard the quality as enterprise life,base on the ISO9001 quality management system, and have the advantage process machine,and with our strict measuring system,make our products in good performance,reliable quality, wear well.

Our aim is attracting clients by good service,Winning clients by top quality.



ENTERPRISE HONOR

企业荣誉



加油机配件
FUEL DISPENSER COMPONENTS
流量计系列
FLOW METER SERIES

FM4/FM4B【流量计
FLOW METER】

- 机体材料：铝合金制造；
- 机体结构：不锈钢缸套，四活塞行程；
- 外观新颖，机体小，强度高，耐磨性好，计量精确，使用寿命长；
- FM4流量计内置智能传感器，100脉冲和60脉冲可供选择；
- FM4B流量计不带智能传感器。

Supertech brand FM4 Flow Meter, whose material of the body is made of alloy aluminum, with structure of stainless steel bush and four piston Positive Displacement. Novel Appearance, Small Size, High Reliability, Good Wearability, FM4 Flow meter is built in intelligent pulser, 60 pulses or 100 pulses for option; but FM4 Flow Meter without pulser.

技术说明Technical Specification

每转排量Discharge rate per revolution:	0.5L	
精度Accuracy:	$\pm 0.2\%$	
重复误差Repeatable Tolerance:	$\leq 0.07\%$	
最小可调量Adjustable Min. Volume:	0.07%	
测量范围Measuring Range:	(5~80)L/min	
型号Model:	Fm4	Fm4B
包装Package:	2pcs/carton	2pcs/carton
净重Net Weight:	12kg	11kg
毛重Gross Weight:	13kg	12kg
包装尺寸Dimension:	450*280*310	450*280*290

FM4B
MJ4



FM4



FM4B



CTP5【齿轮泵
GEAR PUMP】

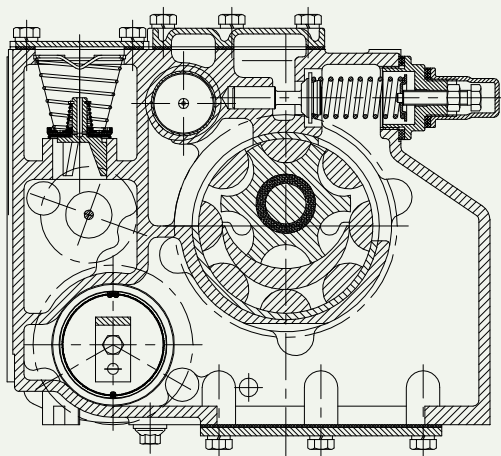
CTP5齿轮泵泵体材料：铝合金低压铸造；用于汽油、煤油、柴油等混合性燃油；泵体内置了油气分离器、止回阀、溢流阀、减压阀，进口过滤网和出口过滤网。

Supertech brand CTP5 Gear Pump, whose material of body is alloy aluminum founded under low pressure, is applicable to gasoline, kerosene, diesel oil and compound of them. Air Separator, by pass Valve, Check Valve, inlet and outlet strainer, decompression are built in.

技术说明Technical Specification

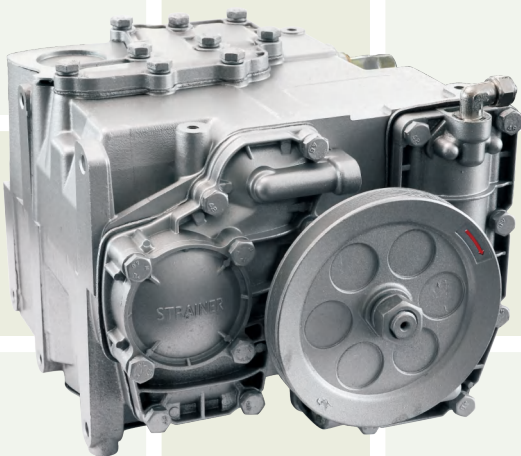
转速Speed:	680~980RMP
流量Flow Rate:	45L/min~90L/min
真空度Vacuum:	$\leq -0.054\text{MPa}$
噪音Noise:	$\leq 72\text{dB}$
工作压力Working Pressure:	0.18~0.3MPa
环境温度Ambient Temperature:	$-25^{\circ}\text{C} \sim +55^{\circ}\text{C}$
包装Package:	1pc/carton
净重Net Weight:	17kg
毛重Gross Weight:	17.5kg
包装尺寸Dimension:	360*320*300mm

结构Construction :



加油机配件
FUEL DISPENSER COMPONENTS
齿轮泵
GEAR PUMP

CTP5



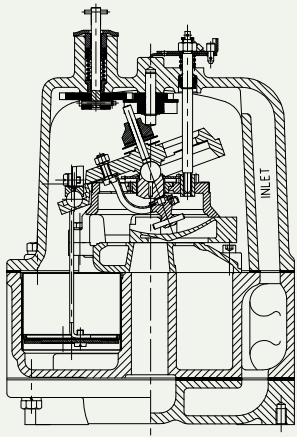
FM4
CTP5



FM3【流量计
FLOW METER】

技术说明Technical Specification	
测量范围Measuring Range:	(5-60)L/min
每转排量Discharge rate per revolution:	0.5L
最小可调量Adjustable Minimum Volume:	0.11%
精度Accuracy:	≤±0.2%
重复误差Repeatable Tolerance:	≤0.07%
包装Package:	1pcs/carton
净重Net Weight:	23kg
毛重Gross Weight:	25kg
包装尺寸Dimension:	280*260*450mm

结构Construction :



CTP2【齿轮泵
GEAR PUMP】

思普CTP2 齿轮泵，泵体材料：铸铁，用于汽油、煤油、柴油、乙醇汽油等混合性燃油，分为A型和B型两种不同的进口结构。泵体内置了油气分离器、止回阀、溢流阀、出口阀、进口过滤网。

Supertech brand CTP2 Gear Pump, made by cast iron, is applicable to gasoline, kerosene, diesel and gasohol with A type and B type inlets and air Separator, By pass Valve, check Valve, Inlet Filter are built in.

技术说明Technical Specification	
转速Speed:	900RMP
流量Flow Rate:	40L/min~55L/min
真空度Vacuum:	≤-0.054MPa
噪音Noise:	≤72dB
工作压力Working Pressure:	0.24MPa
环境温度Ambient Temperature:	-25℃~+55℃
包装Package:	1pcs/carton
净重Net Weight:	37kg
毛重Gross Weight:	42kg
包装尺寸Dimension:	400*300*280mm

加油机配件
FUEL DISPENSER COMPONENTS
流量计 FLOW METER
齿轮泵 GEAR PUMP

FM3



CTP2



CTP6【齿轮泵
GEAR PUMP】

CTP6齿轮泵是本公司依据市场需求自主研发的有专利保护的一款泵，该泵具有体积小、重量轻、成本低、流量大、寿命长的优点。

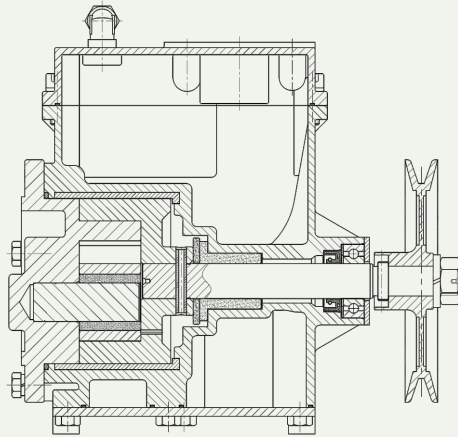
泵体材料：铝合金高压铸造；用于汽油、煤油、柴油等混合性燃油；泵体内置了油气分离器、止回阀、溢流阀、减压阀，进口过滤网。

CTP6 gear pump is our company according to the market demand independent research and development with patent protection, the pump has the advantages of small volume, light weight, low cost, large flow, long life.

Pump body material: aluminum alloy high pressure casting; For gasoline, kerosene, diesel and other mixed fuel oil; Pump body equipped with oil and gas separator, check valve, relief valve, pressure reducing valve, imported filter

技术说明Technical Specification	
转速Speed:	680~980RMP
流量Flow Rate:	40L/min~75L/min
真空度Vacuum:	≤-0.054MPa
噪音Noise:	≤72dB
工作压力Working Pressure:	0.3MPa
环境温度Ambient Temperature:	-25℃~+55℃
包装Package:	1pcs/carton
净重Net Weight:	12.6kg
毛重Gross Weight:	13.4kg
包装尺寸Dimension:	330*310*310mm

结构Construction :



加油机配件
FUEL DISPENSER COMPONENTS
齿轮泵
GEAR PUMP

CTP6



加油机配件
FUEL DISPENSER COMPONENTS
潜油泵
SUBMERSIBLE PUMP

QYB【潜油泵
SUBMERSIBLE PUMP】

- 特点
 - 结构紧凑、运行平稳、噪音低、流速度、故障率低、寿命长、安装维修方便简单。
 - 内置止回阀、泄压阀、检修回流阀，安全有保障。
 - 用于柴油、煤油、汽油等油品，泵直接浸入油品中，压力推送油品到加油机，永无气化。
- Characteristics:
 - Compact structure, smooth operation, low noise, flow speed, low failure rate and long service life, easy installation and maintenance easy
 - Built-in non-return valve, relief valve and maintenance backflow valve, ensure security.
 - Used for diesel, kerosene, gasoline, oil, etc, pump directly into oil, push oil to fuel dispenser by pressures, never gasification.

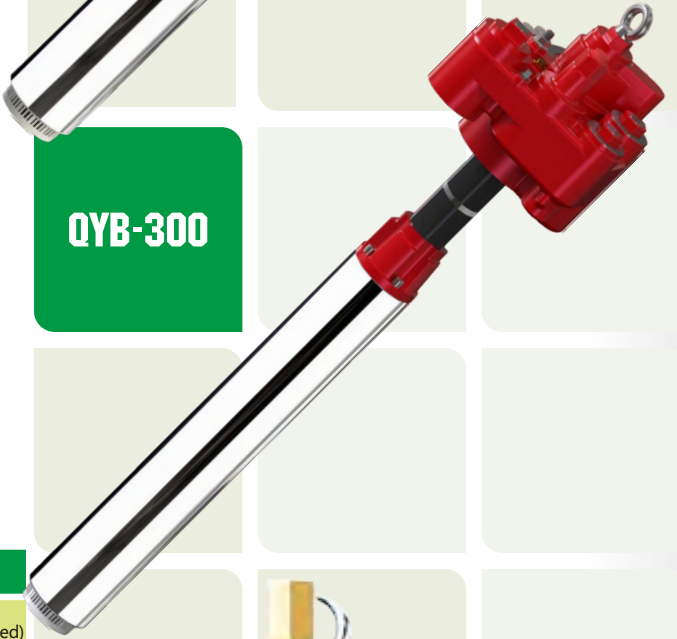
基本参数 Technical Specification				
功率 Power	0.75HP	1.5HP	2HP	2HP (Enhanced)
泵转速 Speed	2800r/min			
电压 Voltage	220V 50Hz/60Hz	220V/380V 50Hz/60Hz		
流量 Flow rate	200L/min	250L/min	280L/min	300L/min
工作压力 Working Pressure:	0.23MPa	0.25MPa	0.28MPa	
环境温度Ambient Temperature:	-25℃ ~ +55℃			
噪音 Noise	≤68dB			



QYB-250



QYB-300

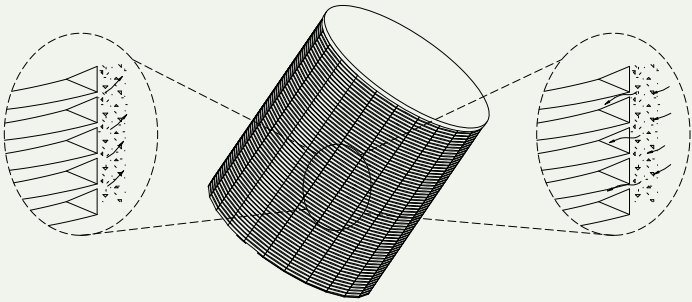


QLW-4【潜油泵过滤器
SUBMERSIBLE PUMP FILTER】

- 特点
 - 0.254mm缝宽;304不锈钢;自我清洁;延长的过滤器使用期;最小的流动限制;
 - 泵开启: 过滤器的三角形设计允许流体自由流动, 但阻止颗粒进入流体系统, 而不会降低泵性能。
 - 泵关闭: 自清洁设计允许潜油泵关闭时颗粒从进油口脱落
 - 解决社会加油站, 卸油时无法加油。

- Characteristics:
 - 0.254mm seam width; 304 stainless steel; Self-cleaning; Extended filter life; Minimal flow restrictions;
 - Pump on: The triangular design of the filter allows fluid to flow freely, blocking particles enter the fluid system without degrading pump performance.
 - Pump off: Self-cleaning design allows particles to fall out of the oil inlet when the submersible pump is shut down
 - Solve the problem of social gas stations being unable to refuel when unloading oil

结构Construction :



加油机配件
FUEL DISPENSER COMPONENTS
潜油泵
SUBMERSIBLE PUMP

QLW-4



不锈钢化工泵 ADBLUE&METHANOL PUMP

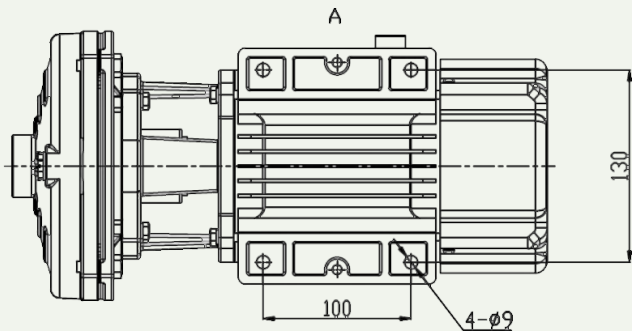
ADB-25【不锈钢化工泵 ADBLUE&METHANOL PUMP】

- 泵结构紧凑，维修方便。具有高扬程、大流量等特点。与介质接触部件全部采用不锈钢304材质，适合输送车用尿素水溶液(AUS32)、甲醇等化工介质。
- The pump has a compact structure and is easy to maintain. It has high head and large flow rate. All parts in contact with the medium are made of stainless steel 304, suitable for conveying chemical media such as AdBlue (AUS32) and methanol.
- 工作介质：车用尿素水溶液(AUS32)、甲醇等化工介质。
- Working medium: Adblue (AUS32), methanol and other chemical media
- 适用于含有 IIA、IIB 级 T1 ~ T4 爆炸性气体混合场所的1区、2区
- Applicable to Zone 1 and Zone 2 containing IIA, IIB Class T1~T4 explosive gas mixtures

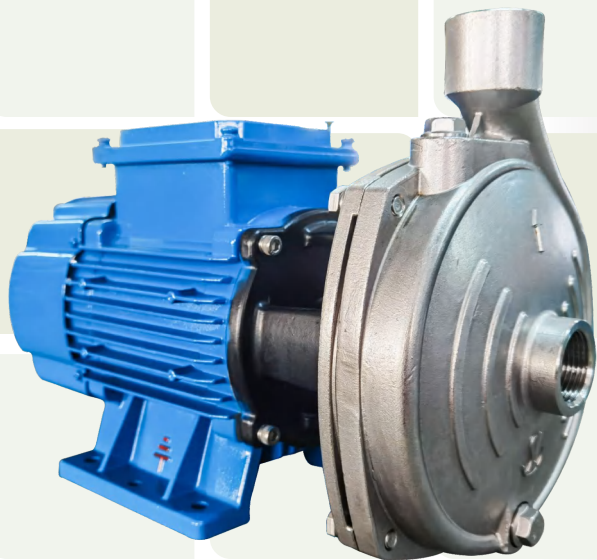
参数说明 Parameter specification

流量 Flow Rate:	4.5m³/h	
电压 Voltage:	AC220V	AC380V
功率 Power:	0.75KW	
环境温度 Ambient temperature:	-25℃ ~ +55℃	
相对湿度 Relative humidity:	10%~90%	
大气压力 Atmospheric pressure:	80Kpa~106Kpa	
口径 Caliber:	Dn25	
防护等级 Class of protection:	Ip55	
扬程 Head:	28m	

结构Construction :



ADB-25



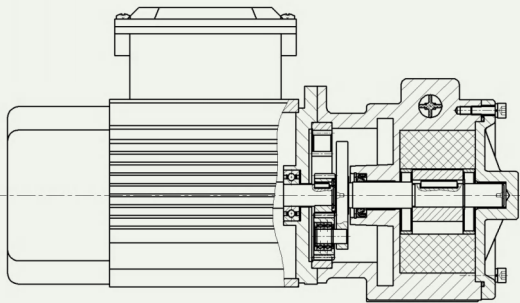
YTB100【油桶泵 OIL DRUM PUMP】 EXYTB100【防爆油桶泵 EXPLOSION-PROOF OIL DRUM PUMP】

- 产品材质：泵体铸铁电机铸铝
- Product material: cast iron pump body, cast aluminum motor
- YTB100油桶泵可以用于柴油、煤油等非防爆介质
- YTB100 oil drum pump can be used for diesel oil, kerosene and other non - explosion - proof media
- EXYTB100防爆油桶泵可用于汽油、酒精等需防爆的介质
- EXYTB100 explosion-proof oil drum pump can be used for gasoline, alcohol and other explosion-proof media
- 叶片泵，多数内置于小型加油机内使用
- Vane pumps, most of which are built into small refueling machines for use
- 流量大、噪音低、安全可靠，内置溢流阀
- Large flow, low noise, safe and reliable, built-in overflow valve.

参数说明 Parameter specification

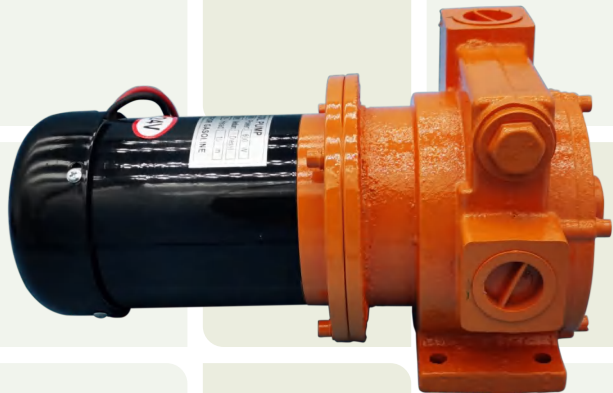
最大流量 Max flow:	100L/min		
真空度 Vacuum degree:	< -0.03MPa		
电压 Voltage:	12VDC	24VDC	220VAC(防爆)
功率 Power:	600W		
工作压力 Working pressure:	0.25MPa		
吸程 Suck:	3m		
扬程Head:	15m		

结构Construction :

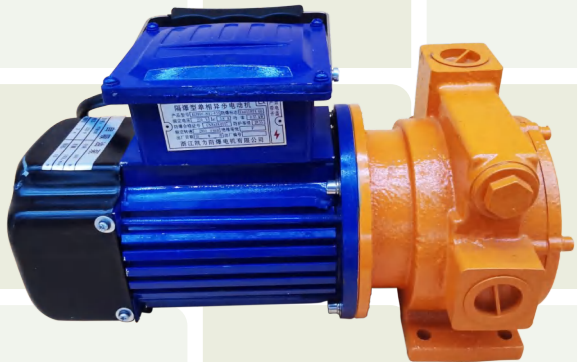


油桶泵 VAPOR RECOVERY PUMP 防爆油桶泵 GEAR PUMP

YTB100



EXYTB100



油气回收泵
VAPOR RECOVERY PUMP

VRP-110【油气回收泵
VAPOR RECOVERY PUMP】

该泵无油免维护，工作寿命长，即适用于机械式比例阀，也适用于电子式比例阀，进出口均配有一体式阻火器，确保使用安全，并且可以根据不同的环境灵活改变进出口方向

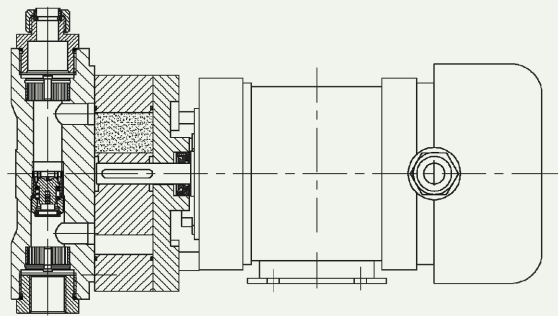
- The pump is oil-free and maintenance-free, and has a long working life, which is suitable for mechanical proportional valves. Also suitable for electronic proportional valve, inlet and outlet are equipped
- with integrated flame arrester, Ensure safe use, and can be flexibly changed according to different circumstances Exit direction

技术参数Technical specification

防爆标志Ex-Mark:	Ex db II B T4 Gb
防护等级Protection Level:	IP55
电压Voltage:	220V/380V
功率Power:	120W
最大流量Flow Rate:	110L/min
最大转速Speed:	2800RPM
环境温度Ambient Temperature:	-25℃ ~ +55℃
真空度Vacuum:	≤-0.022MPa
气路螺纹接口Vapor Hose Thread:	G 1/2"



结构Construction:



VRP-110

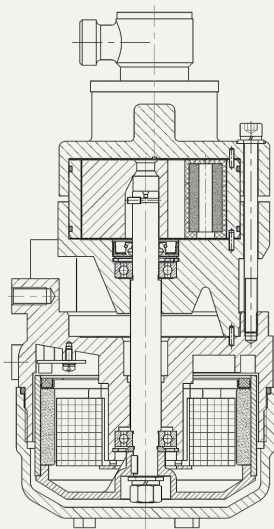
SPNP80【油气回收泵
VAPOR RECOVERY PUMP】

- 适用于汽油加油机油气回收
- Suitable for gasoline dispenser oil and gas recovery
- 自动控制泵的转速，调节油气回收比例
- Automatic control pump speed, adjust the proportion of oil and gas recovery
- 调节范围广，不受流量影响，结构紧凑
- Wide range of regulation, not affected by flow, compact structure
- 小巧，流量大，维修简单，功耗低
- Compact, large flow, simple maintenance, low power consumption
- 省电节能
- Save electricity and energy saving

参数说明 Parameter specification

防爆标志 Explosion-proof sign	Ex db II AT3 Gb
防护等级 Level of protection	IP55
电压 Voltage	36VDC
功率 Power	45W/72W
最大流量 Max flow	80L/min
最大转速 Max speed	1500RPM
真空度 Max vacuum degree	≤-0.05MPa
环境温度Ambient Temperature:	-25℃ ~ +55℃
气路接口 Air thread connection	1/2"

结构Construction:

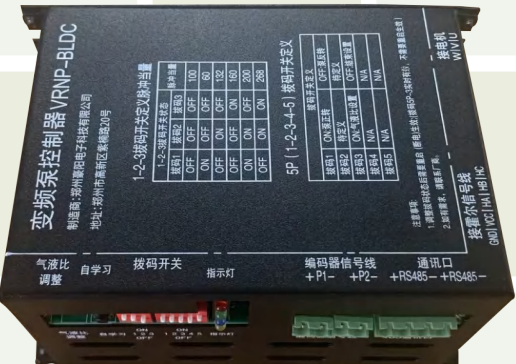


油气回收泵
VAPOR RECOVERY PUMP

SPNP80



VRNP-BLDC



加油机配件
FUEL DISPENSER COMPONENTS
油枪系列
NOZZLE SERIES

TD-11A【自封油枪
AUTOMATIC NOZZLE】

自封油枪Automatic Nozzle

■思普TD-11A自封油枪枪体材料为铸铝；
在设计时充分考虑到客户的需求，具有小巧、轻便、易用，可靠性高，耐用等特点。

Supertech Brand TD-11A Automatic Nozzles are made of alloy aluminum and designed with today's customer in mind. Small,trim,light weight,easy and convenient to use.

技术说明Technical Specification	
进口 Inlet:	BSPF/NPT 3/4"
枪嘴外径 Diameter of spout:	13/16" &15/16"
枪套颜色 Color of insulator:	红/绿/蓝/黄/黑 red/ green/blue/yellow/black
包装 Package:	10pcs/carton
净重 Net Weight:	13kg
毛重 Gross Weight:	14kg
包装 尺寸 Dimension:	420 *340 *400mm

TD-120【自封油枪
AUTOMATIC NOZZLE】

TD-120 【Automatic Nozzle】

■大流量，实用于大货车，巴士等加油；
■低成本，长寿命，经久耐用；
■能帮助你提高工作效率，增加利润。

Heavy-duty high-flow nozzle, for fueling to truck,bus etc.low cost, long life and durability.High flow nozzle can help increase your productivity, sales and profits.

技术说明Technical Specification	
进口 Inlet:	BSPF/NPT 1"
枪嘴外径 Diameter of spout:	1 $\frac{1}{16}$ "
枪套颜色Color of insulator:	Red/green/blue/yellow/black
包装 Package:	10pcs/carton
净重Net Weight	17kg
毛重Gross Weight:	18kg
包装尺寸Dimension:	420*340*400mm

TD-11A



TD-120



电磁阀
SOLENOID VALVE

- 内置重叠式或并联式电磁先导阀控制,工艺先进,动作可靠。
- 主阀膜片采用进口特制橡胶,强耐腐蚀,耐低温 -40 ℃
- 磁路部件采用特种不锈钢磁性材料，永不生锈或产生剩磁。
- 线圈部件采用进口 F 级漆包线,使线圈温升低,绝缘性能优良。

Built-in overlapped or parallel-connected electromagnetic valve control, advanced craft and reliable action
Diaphragm of main valve has capability of anti-corrosion and resisting -40 ℃ low temperature
Special stainless steel magnetic material never rusts or generates remanent magnetism
Class F loop with good insulation

DSF系列

技术说明Technical Specification		
Type 产品型号	DSF-20	DSF-25
介质 Medium	Gasoline , Kerosene , Diesel 汽油, 煤油, 柴油	
工作压力Working Pressure	0.035MPa~0.35MPa	
最大流量 Max flow	3-----50L/min	80-----90L/min
工作电压Working Voltage	AC220V AC110V DC12V DC2V	
尺寸 Diameter	20mm 3/4"	25mm G1"

MSF 系列

技术说明Technical Specification		
Type 产品型号	MSF-20	MSF-25
介质 Medium	Gasoline , Kerosene , Diesel 汽油, 煤油, 柴油	
工作压力Working Pressure	0.035MPa~0.35MPa	
最大流量 Max flow	3-----50L/min	80-----90L/min
工作电压Working Voltage	AC220V AC110V DC24V DC12V	
尺寸 Diameter	20mm 3/4"	20mm G1"

加油机配件
FUEL DISPENSER COMPONENTS
电磁阀
SOLENOID VALVE

DSF-20



MSF-20



加油机专用防爆电机
SPECIAL EXPLOSION-PROOF MOTOR
FOR REFUELING MACHINE

Performance Data(220V)

技术说明Technical Specification									
型号 Model	输出功率 Output (KW)	转矩 Torque (N.M)	输入电压 InputVoltage (VAC)	频率 Frequency (Hz)	满载转速 Full load RPM	电流 Current (A)	绝缘等级 Insulation Class	保护等级 Protection Grade	防爆 Explosion-Proof 防护等级 Enclosure-Class
YBSDL-96-4	0.55	3.7	220/230	50/60	1420/1680	4.6	F		Flameproof enclosure type (Ex dIIB T4 Gb)
YBSDL-961-4	0.75	5.0	220/230	50/60	1420/1680	5.7	F	IP54	
YBSDL-963-4	1.0	6.7	220/230	50/60	1420/1680	6.8	F		

Performance Data(380v)

技术说明Technical Specification	
型号Model	YBJY-152S-4
输出功率Output(KW)	0.75
输入电压Input voltage(VAC)	380
频率Frequency(HZ)	50/60
满载转数Full load RPM	1400
转矩Torque(N.m)	5.1
电流Current(A)	1.85
绝缘等级Insulation class	F
保护等级Protection Grade	IP54
防爆Explosion-Proof 防护等级Enclosure-Class	Flameproof enclosure type (Ex dIIB T4 Gb)

Performance Data(380v)

技术说明Technical Specification									
型号 Model	输出功率 Output (KW)	转矩 Torque (N.M)	输入电压 InputVoltage (VAC)	频率 Frequency (Hz)	满载转速 Full load RPM	电流 Current (A)	绝缘等级 Insulation Class	保护等级 Protection Grade	防爆 Explosion-Proof 防护等级 Enclosure-Class
YBJY-80M2-4	0.75	5.1	380	50/60	1400	2.0	F	IP54	Flameproof enclosure type (Exd11B T4 Gb)
YBJY-80M2-4	1.0	6.8	380	50/60	1400	2.63	F	IP54	
YBJY-80M2-4	1.1	7.5	380	50/60	1400	2.9	F	IP54	

YBSDL-96-4



YBJY-152S-4



YBJY-80M2-4



活接头 Live Joint



呆接头 Stay joint



视油镜 Viewing mirror



万向接头 Gimbal joint



万向接头 Gimbal joint



泵进口止回阀 Inlet check valve of pump



油枪架 Nozzle booth



紧急切断阀 Emergency cut-off valve



拉断阀 Breakaway valve



过滤器 Strainer



防爆接线盒 Explosion-proof sensor



角度止回阀 Angle check valve



铜底阀 Copper bottom valve



波纹管 Bellows



视油镜 Viewing mirror

工业流量计系列
INDUSTRY METER

M50-C/ M80-C【容积式工业流量计
POSITIVE DISPLACEMENT FLOW METER】

特点特征 Advantage

- 卓越的无极微调装置（磨损补偿装置），可以对流量计进行正负校准
- Excellent stepless adjusting mechanism allows a micro adjustment of the meter
- 大量程范围内的高精度和高重复性，恒定流量时超高精度
- High accuracy and repeatability over the widest range of flow;superior accuracy at constant flow
- 低维护，低磨损，长寿命
- Low maintenance,no metal-to metal contact in measuring chamber, long life service.
- 压力损失小，真正的重力流量计
- Low pressure loss, a true gravity flow meter.
- 计量精度不受温度、压力、粘稠度变化影响
- Accuracy regardless of pressure fluctuations, temperature variation, viscosity
- 铝、铸铁、铸钢和不锈钢可供选择
- Choice of aluminum, cast iron and stainless steel materials of construction

应用范围 Application

精炼石油产品，无铅汽油、有铅汽油、柴油、煤油、
燃油、乙烯乙二醇（防冻液）、
丙烯；机油、轮转影印油墨
Refined petroleum products
航空燃油、喷射式飞机燃油
Aviation gasoline and jet fuels.
原油，也可以用于加热的和/或粘稠的液体
Crude oil, also for heated and/or viscous liquid

技术说明Technical Specification

型号Model:	M50-C	M80-C
尺寸Diameter:	50mm 2"	80mm 3"
流量Flow rate:	55~550L/min	115~1150L/min
每转体积Volume Per Revolution:	0.70L	1.853L
精度Accuracy:	≤±0.2%	
重复误差Repeatable Tolerance:	≤0.10%	
工作压力Working Pressure:	1.0Mpa/150PSI	



M50-C



M80-C



M50-Q/ M80-Q【电子式管道流量计
ELECTRONIC PIPE FLOW METER】

特点特征 Advantage

- 卓越的无极微调装置（磨损补偿装置），可以对流量计进行正负校准
- Excellent stepless adjusting mechanism allows a micro adjustment of the meter
- 大量程范围内的高精度和高重复性，恒定流量时超高精度
- High accuracy and repeatability over the widest range of flow;superior accuracy at constant flow
- 低维护，低磨损，长寿命
- Low maintenance,no metal-to metal contact in measuring chamber, long life service.
- 压力损失小，真正的重力流量计
- Low pressure loss, a true gravity flow meter.
- 计量精度不受温度、压力、粘稠度变化影响
- Accuracy regardless of pressure fluctuations, temperature variation, viscosity
- 铝、铸铁、铸钢和不锈钢可供选择
- Choice of aluminum, cast iron and stainless steel materials of construction

应用范围 Application

精炼石油产品，无铅汽油、有铅汽油、柴油、煤油、
燃油、乙烯乙二醇（防冻液）、
丙烯；机油、轮转影印油墨
Refined petroleum products
航空燃油、喷射式飞机燃油
Aviation gasoline and jet fuels.
原油，也可以用于加热的和/或粘稠的液体
Crude oil, also for heated and/or viscous liquid

技术说明Technical Specification

型号Model:	M50-Q	M80-Q
尺寸Diameter:	50mm 2"	80mm 3"
流量Flow rate:	55~550L/min	115~1150L/min
每转体积Volume Per Revolution:	0.70L	1.853L
精度Accuracy:	≤±0.2%	
重复误差Repeatable Tolerance:	≤0.10%	
工作压力Working Pressure:	1.0Mpa/150PSI	



工业流量计系列
INDUSTRY METER

M50-Q



M80-Q



工业流量系列
INDUSTRE METER

SM【叶片式流量计系列】
SERIES VANE FLOW METER】

特有的无级微调装置使流量计可以进行正负校准。
连接弯管和流量计计量腔分体设计，便于灵活安装。
低压力损失。
转子叶片结构简单，维护成本低
磨损补偿结构可以多年保证很好的计量精度。
用于最大粘度为800Cst的液体计量

Stepless adjusting mechanism allows a micro adjustment of the meter.
Special designed Manifold in line separates from measuring chamber to avoid stress coming from the installation.
Low head loss
Simple construction: Rotor-blades for easy and low maintenance cost
Wearing compensation: To maintain a good accuracy all along the years
Meter also for viscous products: UP TO 80

应用范围

石油公司：炼厂、油库、加油站和油罐车
机场：飞机加油,军队：油库，油罐车
铁路，公共运输部门,港口：船舶加油
私人油料运输公司

Application
Oil company: refineries, Oil depots, gas statopm amd Tank trucksdistribution
Airports: aircraft refuellers
Army: depot reception or loading trucks
Administration(railway companies,Public transport)
Ports: Boats/barges
Private oil transport companies

技术说明Technical Specification

型号 Model	SM-50/SM-50A/SM-50B	
尺寸 Size	50mm/2”	
每转流量 Volume Per Revolution	0.4L/0.08US Gallons	
最大流量 Max Flow Rate	24m³/h	400L/min
最小流量 Min .Flow Rate	2.4m³/ h	40L/min
腔体 Chamber	OneChamber1腔	
精度 Accuracy	≤±0.2%	
重复误差 Repeatable Tolerance:	≤0.1%	
最大工作压力 Max Working Pressure:	8Bar/120PSI/8.3KG/Cm³	
温度范围 WorkingTemp	-25℃~+55℃	
最大粘度 Max. Viscosity	800Pcs/3850 SSU	

SM-50B

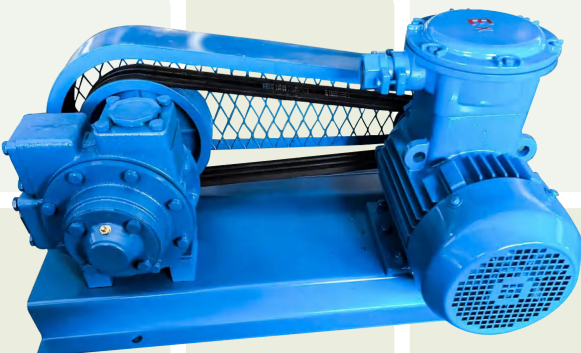


SM-50A

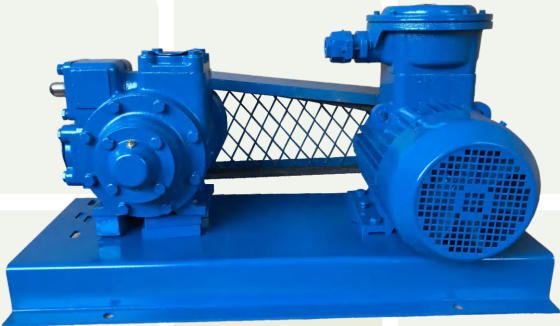


油叶片泵
OIL VANE PUMP

YB-50



YB-65



YB【旋转叶片泵系列】
ROTARY VANE PUMP SERIES】

概论 MAIN FEATURES YB

YB 系列自吸式旋转叶片泵，内置溢流阀，以带叶片的转子液体传输。材质上采用球墨铸铁配合自润滑的叶片结构，性能优良，可以用来传输粘性的和挥发性的液体，比同等的泵功率更低。在低转速大流量的传输中更具明显优势。

Stepless adjusting mechanism allows a micro adjustment of the meter.
Special designed Manifold in line separates from measuring chamber to avoid stress coming from the installation.
Low head loss
Simple construction: Rotor-blades for easy and low maintenance cost
Wearing compensation: To maintain a good accuracy all along the years
Meter also for viscous products: UP TO 80

技术说明Technical Specification

型号 Model:	YB-50	YB-65
最大工作压力 Max working pressure:	1.0MPa	
电机 Electric machine:	380V 4KW 1450RPM	
环境温度 Ambient Temperature:	-25℃~+55℃	
连接方式 Connection:	NPT2"	NPT2 1/2"

技术说明Technical Specification

流量 Flow rate													
型号 Model	尺寸 Flanges	转速 Speed		650转 RPM		600转 RPM		550转 RPM		500转 RPM		450转 RPM	
		流量 Flow rate		G/ min		L/ min		G/ min		L/ min		G/ min	
		尺寸		G/ min		L/ min		G/ min		L/ min		G/ min	
YB-50	50mm/2”	80	300	72	270	64	240	56	210	48	180	40	150
YB-65	65mm/2.5”	132	500	123	456	114	430	103	390	93	350	82	310

LPGFM1/LPGFM2【液化气流量计】
LPG FLOW METER

- 机体材料：铸铁、铝合金
- LPGFM1 flow meter is in construction of stainless steel bush and four-piston
- LPGFM1 液化气流量计用于液化气加气机，采用不锈钢缸套，四活塞行程结构，进口内置止回阀，具有强度高，耐磨性好，计量精度高，使用寿命长的特点。
- positive displacement with check valve built in, with advantage of high reliability, good wearability, high-precision measure, and long life.

技术说明Technical Specification

最大工作压力Max Working Pressure:	1.8Mpa
测量范围Measuring Range	(5~35)L/min
每转排量 Discharge rate per revolution:	0.5L
最小可调量 Adjustable Min.Volume:	0.1%
精度Accuracy:	≤±0.2%
重复误差 Repeatable Tolerance:	≤0.07%
包装 Package:	1pc/carton
净重 Net weight:	31kg
毛重Gross weight:	33kg
包装尺寸Dimension:	360*290*360mm



LPGFM1



LPGFM2



LPG-M50【液化气工业流量计】
LPG SOLENOID VALVE

- 内置止回阀、回气管路、过滤网。
- Check Valve, Filter, by pass pipe built in LP

适用于液化气的计量 Suitable for the measurement of LPG

- 卓越的无极微调装置（磨损补偿装置），可以对流量计进行正负校准
- 大量程范围内的高精度和高重复性，恒定流量是超高精度
- 低维护、低磨损、长寿命
- 压力损失小，真正的重力流量计
- 计量精度不受温度、压力、粘稠度变化影响
- 自带差压阀，保证流量计液化气为液态，保证计量精度

Excellent stepless trimmer (wear compensation device), the flowmeter can be calibrated positively and negatively for high accuracy and repeatability over a wide range, Constant ant flow is ultra-high precision, low maintenance, low wear, long life, pressure loss is small, true gravity flowmeter. Measurement accuracy is not affected by temperature, pressure and viscosity change. With differential pressure valve, to ensure liquid flow meter liquid gas, to ensure the measurement accuracy.

技术说明Technical Specification

型号 Model	LPG-M50
公称口径 Nominal diameter	50mm 2"
流量 Flow rate	50-380L/min
精度 Accuracy	±0.20%
重复误差 Repeatable Tolerance:	≤0.1%
最大工作压力:Max Working Pressure:	350psi (24bar)
净重 Net weight	44KG
毛重 Gross weight	52KG
包装尺寸 Package size	720*560*600mm

液化气加气机配件
LPG DISPENSER COMPONENTS
液化气工业流量计
LPG SOLENOID VALVE

LPG-M50



LPGFL1【液化气分离器
LPG SEPERATOR】

- 内置止回阀、回气管路、过滤网。
- Check Valve ,Filter, by pass pipe built in LPG separator

技术说明Technical Specification	
最大工作压力:Max Working Pressure:	2.0MPa
过滤网精度Strainer	粗滤40目/精滤200目
口径 caliber:	G3/4"
包装package:	1pcs/Wooden Case
净重 Net Weight:	17.5kg
毛重Gross Weight:	23kg
包装尺寸Dimension:	470*300*310mm

CYF1【液化气差压阀
LPG DIFFERENTIAL VALVE】

技术说明Technical Specification	
工作压力Working pressure:	1.8MPa
压力差 Pressure difference:	0.3MPa
流量Flow Rate:	5-50L/min
包装 package :	20pcs/carton
净重Net weight	10kg
毛重Gross weight	12kg
尺寸 Size:	475mm*230mm*240mm

液化气加气机配件
LPG DISPENSER COMPONENTS
液化气分离器
LPG SEPERATOR

LPGFL1



CYF1



AQF1A/AQFIC【液化气安全阀
LPG SAFETY VALVE】

AQF1安全阀 可用于各种压力容器及管道，在系统中起安全保护作用。

AQF1 type safety valve is applied to take care of various kinds of pressure-vessels and pipeline to reliable device in system

技术说明Technical Specification	
最大工作压力:Max Working Pressure:	2.5MPa
安全泄压值 Safty using pressure:	1.8-2.5MPa
螺纹规格 Thread:	ZG1/4"

LPGLDF1【液化气拉断阀
LPG BREAKAWAY VALVE】

技术说明Technical Specification	
螺纹 Thread:	G $\frac{3}{4}$ "
材料 Material:	Stainless Steel
最大拉力Max.pull:	300N-600N
流量:Flow Rate:	5~50L/min

液化气加气机配件
LPG DISPENSER COMPONENTS

AQF1A



AQFIC



LPGLDF1



液化气加气机配件
LPG DISPENSER COMPONENTS
加气枪
LPG NOZZLE

LPGJQQ【液化气加气枪】
LPG NOZZLE

- 一步操作，简单易用；
- 人性化设计；
- 经久耐用，适合于反复连接；
- 铜，铝，不锈钢结构，具有优秀的抗腐蚀性能，
- 自带360°接头。

User friendly single-action operation entire fueling operation is initiated by simply engaging nozzle to the receptacle with a single squeeze of the hand. Hammer-Lock technology maximum durability. Designed specifically for frequent coupling and uncoupling. Ergonomic design insulated handle protects operator from temperature effects created by high flowing LPG gas. Minimal force required to engage nozzle. Durable construction heavy-duty brass, aluminum and stainless-steel construction provides excellent corrosion resistance in the harsh fueling environment. Ease of use Incorporates with a single plane 360 inlet swivel.

技术说明Technical Specification	
最大工作压力:Max Working Pressure:	350psi
断开时LPG的渗漏速度LPG discharge on disconnect:	4.3cc
温度 Temperature Range:	-40°C to50°C
连接方式:Connection:	意大利式Italian Style

材料 Material :	枪体 Body:	Aluminum
	内部Internal Components:	Brass/Steel
	外部External Components:	Brass/Strainless steel
包装package:	10pcs/carton	
净重net weight:	20kgs	
毛重gross weight:	21kgs	
包装尺寸 dimension	360*320*230mm	

LPGJQQ2



LPGJQQ3



LPGDCF1/ LPGDCF2【液化气电磁阀】
LPG SOLENOID VALVE

- 工艺先进，动作可靠。
- Precise action, reliable, long service.
- 磁路部件采用特种不锈钢磁性材料，永不生锈或产生剩磁。
- Diaphragm of main valve has capability of anti-corrosion and resisting -20°C low temperature.
- 主阀膜片采用进口特制橡胶，强耐腐蚀，耐低温-20°C。
- Special stainless steel magnetic material never rusts and generates remanent magnetism
- 线圈部件采用进口F级漆包线，绝缘性能优良。
- Class F loop with good insulation
- 防爆等级：ExdIIBT4
- Anti-Explosion Class:Exd II Bt4

技术说明Technical Specification	
公称直径Diameter:	1/2"
连接方式Connection:	Thread
流量Flow Rate:	5~50L/min
工作压力Working Pressure:	0~1.6MPa
工作电压Voltage:	AC220V 50HZ
环境温度Ambient Temperature:	-20°C~65°C

包装Package:	25PC/CTN
毛重Gross weight:	31KG
净重Net weight:	30KG
包装尺寸Dimension:	360*360*290mm



液化气加气机配件
LPG DISPENSER COMPONENTS
液化气电磁阀
LPG SOLENOID VALVE

LPGDCF1



LPGDCF2



液化气多级离心泵
LPG SIDE CHANNEL MULTISTAGE PUMP

LPGP-65 / LPGP-85【液化气多级离心泵
LPG SIDE CHANNEL MULTISTAGE PUMP】

液化气多级泵是离心式流道泵，采用了水平结构，叶轮共有6级和8级两种，轴采用机械密封，无需冷却。该泵用于传输液化气，特别是高压力差、低汽蚀余量和气体含量高达50%的液体。该泵在吸气端采用了预先压缩涡轮，使其可以很好地用在要求低汽蚀余量的情况下，因此该泵可以用在不利的吸气情况下。

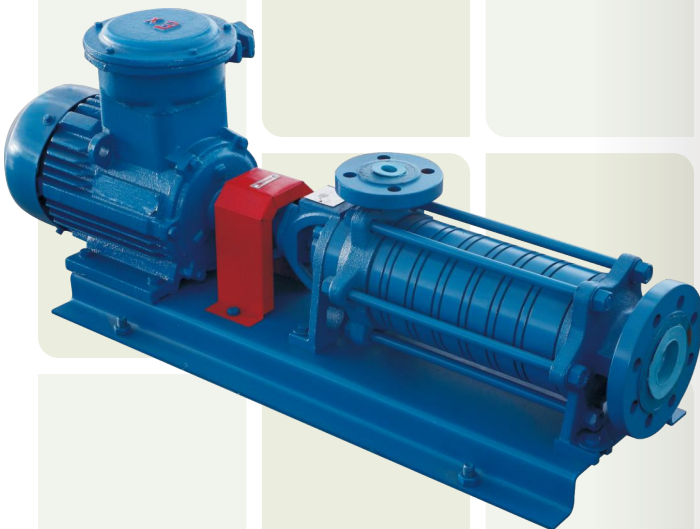
The centrifugal and side channel multistage pump, having a horizontal configuration, is designed with 6 stages and 8 stages, shaft sealing by mechanical seal without cooling. For handing LPG(liquid gas), the liquids involving high-differential pressure, low NPSH conditions and aerated liquids up to 50% gas, such as pumping from tanks. The use of a pre-compression turbine at the suction end makes it possible to obtain a very small required NPSH, so that this pump can be used under very difficult suction conditions.

应用范围 Application：

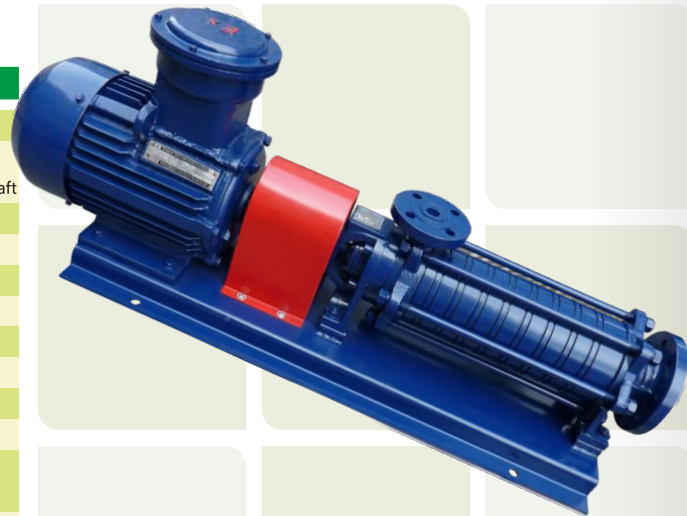
- 瓶装 LPG cylinder filling；
- 从地下罐中泵液化气 Pumping LPG from underground storage；
- 大批量加气 Bulk filling operations；
- 油罐车，槽车装车、卸车 Loading/unloading of bulk trucks and transport trailers

技术说明Technical Specification		
型号 Model	LPGP-65	LPGP-85
旋转方向Direction of Rotation	面对泵的驱动端逆时针旋转 Anti-clockwise facing the end of the pumpdrive shaft	
最大工作压力 Max working pressure	2.5MPa	
转速 Speed	1450RPM	1450RPM
功率Power	4KW 380V 50Hz	5.5KW 380V 50Hz
环境温度Ambient temperature	-30~60℃	
级数 Stage	6级 Six stages	8级 Eight stages
流量Flow Rate:	5.5 m³/h	5.5 m³/h
最大压差Maximum pressure difference:	1.5MPa	2.2MPa
连接法兰Connecting flanges	进口65 Inlet DN65 出口32 Outlet DN32	
轴承 Bearings	泵端滑动轴承，驱动端滚珠轴承 Pump end sliding bearing, ball bearing drive end	
润滑 Lubrication	泵端滑动轴承由泵的介质润滑，驱动端的滚珠轴承自润滑 Sliding bearing lubrication by pump medium pump end, drive the ball bearing lubrication	

LPGP-65



LPGP-85



液化气涡轮泵
LPG TURBINE PUMP

LPGP-150【液化气涡轮泵
LPG TURBINE PUMP】

- 优点
- 经济高效的潜泵替代泵。
- 满足多种LPG加气需求。高压差时，无论地上液化气罐，还是地下液化气罐，可以为双枪加气机大流量加气。.
- 连续高强度使用设计
- 使用起来简单经济
- Overview
- LPGP-150 Turbine Pump,for high differential pressure application using,for underground and aboveground tank application.
- Advantage
- A cost effective alternative to submersible designs.
- Meeting multiple demands for LPG application.Whether a low or high flow rate with a high differential pressure,by underground and aboveground tank application ,LPGP-150 pump is an idea pump for two dual hose LPG dispensers.
- Continuous duty design.
- Serviceability is simple and cost effective.

- 应用 Application
- 1.加气机加气 Autogas dispensing
 - 2.装罐 Cylinder filling
 - 3.液化气蒸气回收 Vaporizer feed
 - 4.批量输送 Bulk Transfe

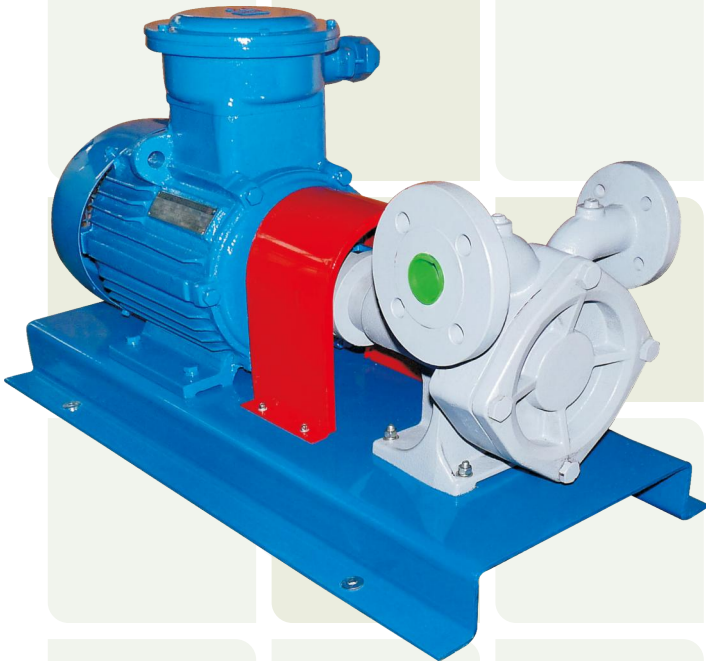
技术说明Technical Specification	
进口Inlet:	1½"
出口Outlet:	1 "
电机转速Speed:	60Hz 3450 RPM or 50Hz 2880 RPM
最大工作压力Max.Working Pressure:	27.6bar(400PSI)
最大压差Max.Differential Pressure:	20bar(290PSI)
温度范围Max./Min.Temperature:	-32℃~107℃
电机功率Motor speed	5.5kw
流量Flow Rate:	7.5m³/h

【LPGPTF 旁通阀
LPGPTF Bypass valve】

- 安装在旁通管道上的一款自力式旁通压差阀，无需外动力，靠系统本身压力工作，有效的提高了运行安全系数，比传统电动压差控制阀更为安全可靠
- A self-operated bypass differential pressure valve installed on the bypass pipeline does not need external power, and works by the pressure of the system itself, effectively improving the operating safety factor, which is safer and more reliable than the traditional electric differential pressure control valve

技术说明Technical Specification	
压差 Differential pressure:	1.0MPa
进出口Inlet:	NPT1"
流量Flow Rate:	5~50L/min

LPGP-150



LPGPTF



液化气叶片泵
LPG VANE PUMP

LPGP-2000【液化气叶片泵】
LPG VANE PUMP

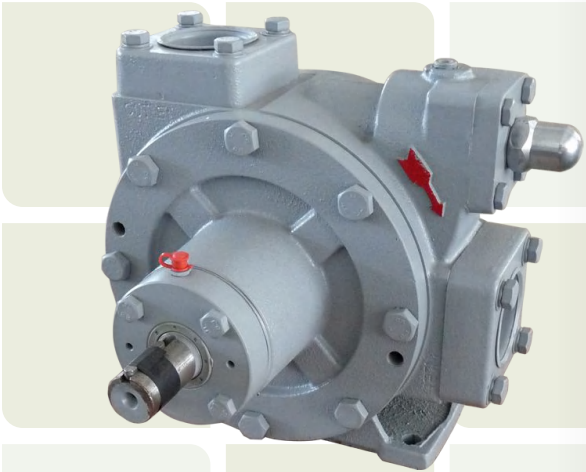
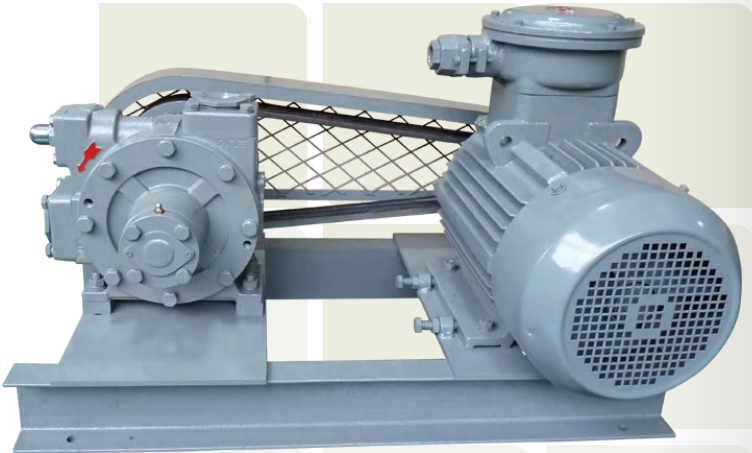
LPGP-2000槽车叶片泵，用来传输液化气、氨水等，特别是用在高压差、超速转动、吸程低的恶劣工作环境下

LPGP-2000 Vane Truck Pump, for LPG,NH3 and other application, is specially designed to perform in such severe operating conditions as high differential pressure, pump over speeding, poor suction conditions.

- 优点 Advantage:
- 革命性的凸轮设计，真正消除气蚀现象
 - Innovative cam design virtually eliminates cavitation
 - 新凸轮、叶片材料和重型轴承的使用，增加了泵的使用寿命
 - New materials utilized in cam and blades and heavy duty bearings extend pump life
 - 单一机械密封设计，维护更换简单便捷
 - Single Mechanical seal, very easy seal replacement and maintenance
 - 大尺寸非金属推杆使泵可以高速旋转
 - Large diameter non-metallic pins are suitable for higher pump speeds

- Application
- 1.LPG and NH3 bulk transfer
 - 2.Auto-Fuel pumping
 - 3.LPG cylinders

技术说明Technical Specification	
转速Speed	680 RPM
流量Flow rate	18m³/h
电机功率Motor speed	7.5KW 380V
进口Inlet	NPT2"
出口Outlet	NPT2"
最大转速Max.Speed	800RPM
温度范围Temperature range	-32℃~107℃
最大工作压力 Max. Working pressure	28.6bar
最大压差Max. Differential pressure	12bar
内置溢流阀Built-in relief valve	Yes



液化气泵
LPG PUMP

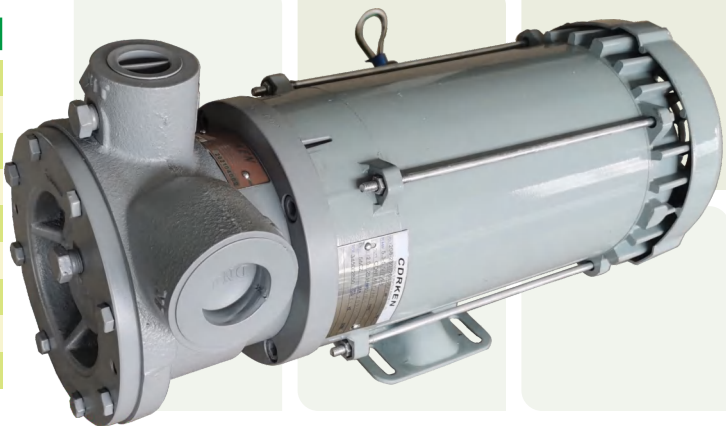
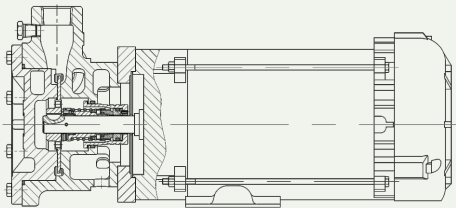
LPGP-60【液化气泵】
LPG PUMP

- 结构简单，操作和维修简单方便
- Simple structure, easy operation and maintenance
- 悬浮式叶轮，噪音低，寿命长
- Suspension impeller, low noise, long service life
- 220V电源，方便农村、工厂、移动条件下的使用
- 220V power supply, convenient rural, factory, mobile conditions under the us

- 应用于：Apply to:
 - 汽车用液化气泵
 - LPG pump for automobile
 - 液化气大罐导小罐
 - The big tank of LPG leads the small tank
 - 液化气气瓶充装
 - Filling of liquefied gas cylinder
 - 农业用氨
 - Agricultural use of ammonia

技术参数Technical specification	
进口 Inlet	1-1/4"NPT
出口 Outlet	1"NPT
工作电压 Working voltage	220V
电机转速 Motor speed	50Hz 2850rpm/60Hz 3450rpm
电机功率 Motor power	1.5HP
最大工作压力 Max working pressure	25bar (2.5MPa)
最大压差 Max differential pressure	7bar(0.7MPa)
流量 flow rate	12gpm 45L/min
温度范围 Temperature range	—32℃ ~ 107℃

结构Construction：



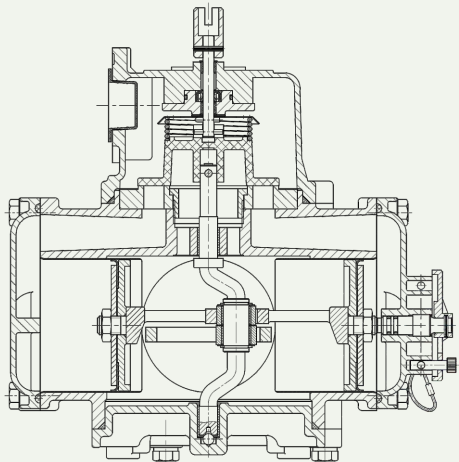
尿素流量计
UREA FLOW METER

FM5B/SFM5B【尿素流量计
UREA FLOW METER】

- 外观新颖、结构紧凑、四缸软活塞、精度高
- Novel appearance, compact structure, four cylinder soft piston, high precision
- 寿命长：800万升寿命
- Long life: 8 million liters of life
- 壳体有铝合金涂层和304不锈钢两种供用户选择
- The shell has two kinds of aluminum alloy coating and 304 stainless steel for users to choose
- 内部零件全部为304不锈钢、耐磨耐酸耐碱
- Internal parts are all 304 stainless steel, wear resistance, acid and alkali
- 所有过流部件经过严格检测，符合ISO22241有关车用尿素的规定
- All the over-current parts have been strictly tested and are in accordance with the provisions of ISO22241 on vehicle urea
- 是各种车用尿素加注机的理想选择
- It is the ideal choice for all kinds of vehicle urea filling machines

技术参数Technical specification	
流量范围 Flow range	(5~80)L/min
精度 Precision	±0.2%
重复误差 Repeatabile Tolerance:	≤0.07%
适用介质 Applicable medium	Automotive urea, ethanol, edible oil

结构Construction：



SP-PBV-DN-20【尿素拉断阀
UREA BREAKAWAY VALVE】

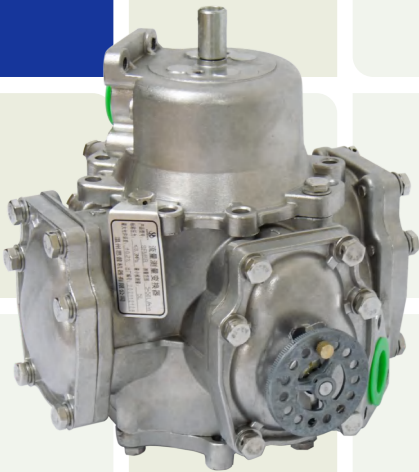
整体304不锈钢材质，可用于车用尿素溶液，甲醇，乙醇等化工液体适用于石油油品汽油、柴油、煤油，卫生，食用油，水，饮料等领域,可360°旋转。
The whole 304 stainless steel material, can be used for automotive urea solution, methanol, ethanol and other chemical liquids suitable for Petroleum products Gasoline, diesel, kerosene, hygiene, cooking oil, water, beveragesOther fields, can be rotated 360°.

技术说明Technical Specification	
螺纹Thread:	G3/4" NPT3/4"
材料Material:	304不锈钢
最大拉断力Maximum breaking force:	1200N~2200N
流量Flow Rate:	5~50L/min

FM5B



SFM5B



SP-PBV-DN-20



DYB【电动油泵
ELECTRIC TRANSFER PUMP】

- 用于柴油、煤油
- 叶片泵，机械密封，安全可靠
- 铸铁泵体，抗腐蚀涂层
- 内置100 microm 过滤网，易于清洗
- 铸铝制电机，防护等级IP54
- 连续运转
- 内置溢流阀
- For fueling diesel, kerosene, not for gasoline
- Mechanical seal that guarantees constant reliability,even in low temperatures.
- Cast-iron pump casing,treated against corrosion and paint-finished.
- Vane pump with steel rotor
- Bypass valve built in.
- In-built 100-micron filter,easily accessible for cleaning.
- Induction motor with aluminium casing.
- Grade of protection:IP54
- Continuous running.

技术说明Technical Specification			
型号: Model:	DYB40	DYB60	DYB80
流量: Flow Rate:	20L-40L/min	20L-60L/min	20L-80L/min
最大工作压力 Max Pressure:	3Bar	3Bar	3Bar
电源 Power:	DC12 DC24	AC220V AC110V	AC220V
溢流阀 By pass valve:	Yes	Yes	Yes
过滤网 Strainer:	No	No	No
进出口 Inler & outlet:	3/4"	1"	1"
功率 Power:	85W	375W	550W
包装 Package:	2pc/carton	2pc/carton	1pc/carton
净重 Net Weight:	6kg	15kg	12kg
毛重 G.W:	8kg	17kg	13kg
尺寸 Dimension:	490*280*220mm	490*300*220mm	290*220*250mm

自动油泵系列
ELECTRC TRANSFER PUMP ASSY

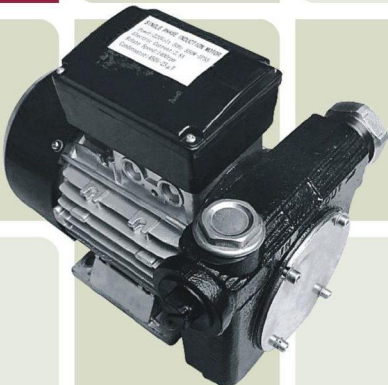
DYB40



DYB60



DYB80



电动油泵总成系列 ELECTRIC TRANSFER PUMP

YTB【电动油泵总成 ELECTRIC TRANSFER PUMP ASSY】

YTB 系列电动油泵的总成，根据客户的要求，具有多种灵活的组合方式。装配1”的快速接头后，可以快速方便地安装到小型油罐上。

It is easy to connect to 1 quick coupling of the drum or tank, with or without flow meter.

技术说明 Technical Specification

型号: Model		YTB40	YTB60	YTB80
标准配置 Standard	电源 Power	DC12/24V	DC12/24V/AC220	DC12/24V/AC220
	流速 Flow Rate	20~40L	20~60L	20~75L
	油管 Hose	4m	4m	4m
	手动油枪 Manual Nozzle	J60-A	J60-A	J60-A
	支架 Bracket	yes	yes	yes
可选配置 Option	自动油枪 Automatic Nozzle	yes	yes	yes
	2M进油管	yes	yes	yes
	过滤止回阀	yes	yes	yes
包装 Package	包装 package	1pc/carton	1pc/carton	1pc/carton
	净重 Net Weight	13kg	17kg	22kg
	毛重 Gross Weight	12kg	16kg	21kg
	包装尺寸 Dimension	420*350*340mm	420*350*340mm	420*350*340mm

YTB-40



YTB-60



YTB-80



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