



东莞赛森特流体控制设备有限公司

Dongguan Suncenter Fluid Control Equipment Co., Ltd



Dongguan Suncenter Fluid Control Equipment Co., Ltd is the member company of Suncenter Group, which is located in Dongguan city of Guangdong province in China. With more than 15 years experiences in fluid pressure exchange and controlling field, we provide various kinds of pneumatic and hydraulic booster pumps, systems and solutions to the customers all over the world. Due to our best product quality, competitive price as well as excellent after-sales service, we have win a great reputation in the field.

Our main products including:

High Pressure Booster Pumps (Gas Booster Pump, Air Driven Liquid Pump, Air Amplifiers)

High Pressure Systems (Gas/Liquid Booster System,Hydro test bench,Chemical injection system,CO2/FM200 filling machine, Tube Expanding Machine)

High Pressure Test Equipment(Hydraulic/Burst/Hydrostatic test machine,Cylinder test machine, Valve test bench,Impulse Testing Machine, etc.)

Product Application

Oil Industry, Gas Industry, Chemical Industry, Fire Fighting, Research Institutions etc.

Our service

13 months' free warranty since the purchasing date and free technical support during lifetime



Compressed Air Driven Liquid Booster Pump-DGM/DGG/DGGD Series

We offer the most complete range of Air driven liquid pump models in the industry measured for:

- A. Capability of ultimate pressure, flow or output horsepower.
- B. Compatibility with a broad variety of liquids, such as oil, water and chemical applications.

SUNCENTER pumps are air driven at a drive air pressure of 1bar to 8bar (14.5 psi to 116 psi) by the normal air compressor. Basically the principle of operation is similar to a reciprocating amplifier where control of the piston at the end position is regulated by a pilot operated 4/2 way valve.

Suncenter pumps feature a large air piston joint to a smaller diameter plunger. The pressure ratio is the difference of these two areas and is the method of determining maximum outlet pressure. Higher pressures obtained by using higher pressure ratios. Suncenter model numbers reflect the pumps nominal pressure ratios, while the technical data indicates exact ratios. The outlet pressure is easily to set through a simple air regulator. By multiplying the pressure ratio by the available shop air pressure, the nominal liquid pressure can be calculated.

SUNCENTER pumps are self priming. In general it is not necessary to use an air line lubricator. The liquid to be pumped flows into the suction chamber by the up-stroke of the drive piston. By this suction effect, the inlet check valve is opened and the outlet check valve is closed. The down-stroke generates the pressure at the liquid side. The inlet check valve is closed and the outlet check valve is opened by the generated pressure. SUNCENTER liquid pumps cycle automatically, where the pressure is built up the numbers of cycles slow down, the pump stops automatically when the output pressure forces are equal. The pump restarts with a slight drop in the outlet pressure or an increase in the air drive pressure. Pump performance can be affected by a number of conditions, such as freezing of muffler or pilot valves (which is caused by moisture in air lines), inadequate inlet air line sizes and dirty filters. Don't reduce the indicated port sizes and consult SUNCENTER for exact flow conditions not shown in charts.



Applications include:

- Pressure testing
- Burst(Hydrostatic) testing
- Work holding/power clamping
- Jacking/lifting
- Valve actuator control
- Hydraulic cylinder actuation
- Press safety overload devices
- Roller tensioning
- Metering
- Precision lubrication and spraying
- Liquefied gas transfer

Key features include:

- Compressed Air driven - no electricity required (connect to normal air compressor)
 - In order to extend the lifetime of the pump, the driving air pressure should not be higher than **8 bar**
 - No airline lubricator required
 - Pressures to 640Mpa (6400 bar)
 - Wide range of models with different ratios
 - Built-in-cooling on most models
 - Easy to install, operate and maintain
 - Best price / performance ratio
 - No heat, flame or spark risk and explosion proof
 - Automatic pressure holding, whatever the cause of the pressure drop, the Suncenter pump will automatically start, keep the loop pressure constant
-

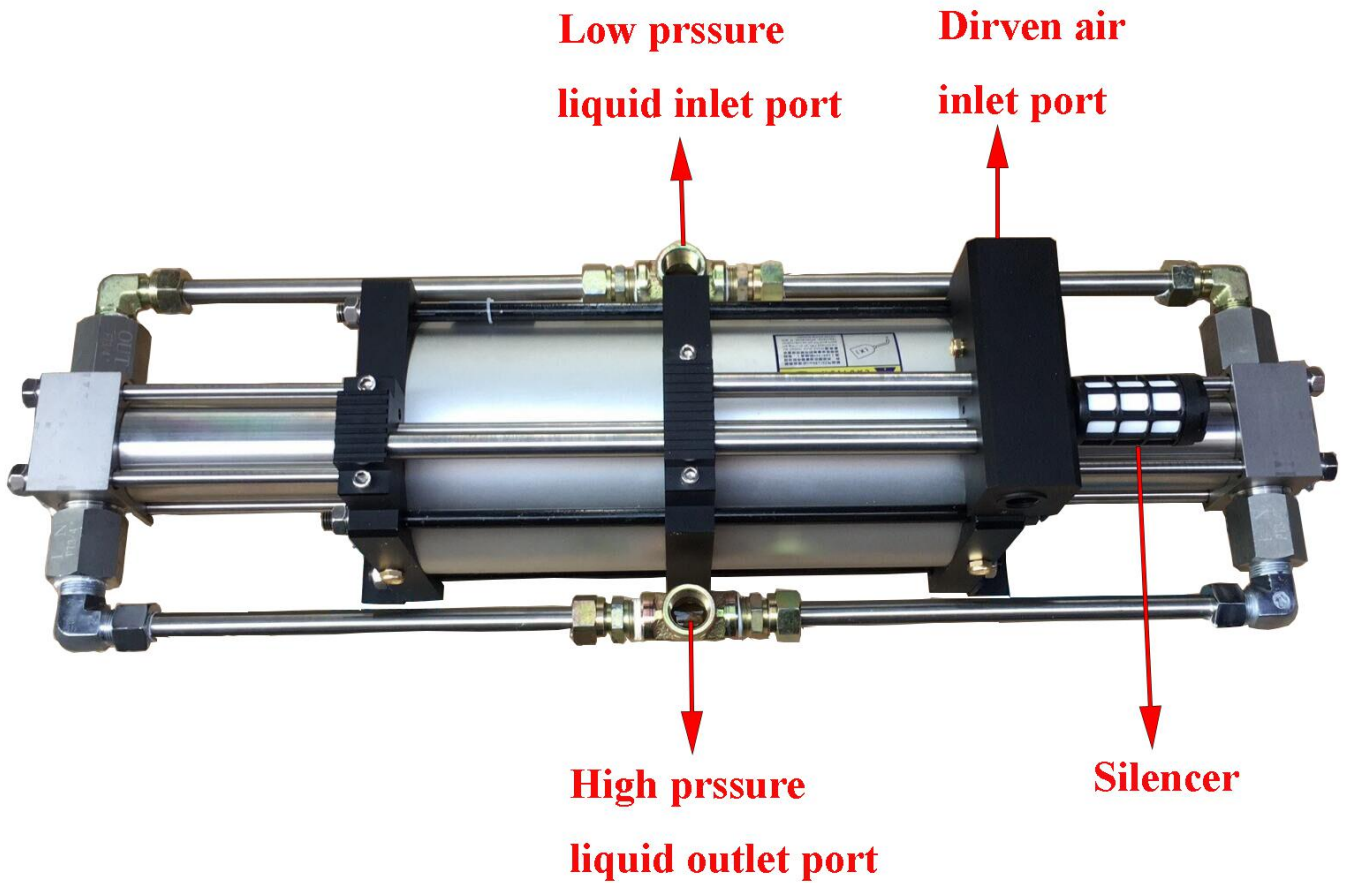


东莞赛森特流体控制设备有限公司

Dongguan Suncenter Fluid Control Equipment Co., Ltd

DGT Series Liquid Pumps (Double acting, Double air drive heads)

They are characterized by the same features as the DGT pumps double acting, but with two air driven head types, they have less pulsations and deliver approx. 100 % more flow.



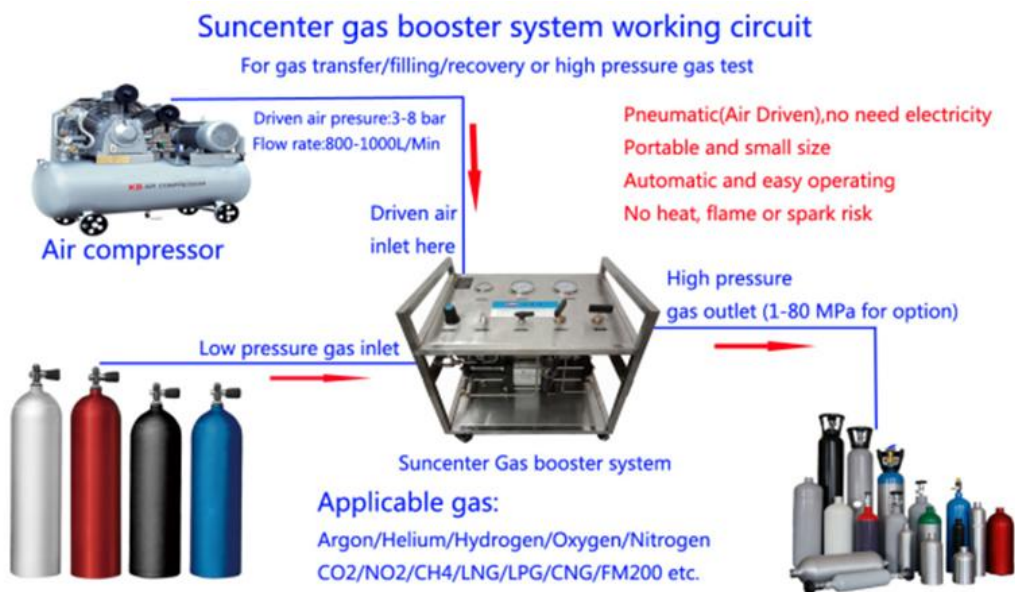


东莞赛森特流体控制设备有限公司

Dongguan Suncenter Fluid Control Equipment Co., Ltd

M	re	Driven air pressure PL	Formula to calculate gas outlet pressure PB	Connection: Gas Inlet / Gas outlet (NPT thread)	Max. flow at driven air pressure of 6bar (L/min)			
DGS-DGT15	15:1	0.1	56	120	2-8 bar	15XPL	3/8/ 1/4	230(at PA of 8 bar)
DGS-DGT25	25:1	0.1	10	200	2-8 bar	25XPL	3/8/ 1/4	156(at PA of 8 bar)
DGS-DGT7/25	25:1	5	56	200	2-8 bar	25XPL	3/8/ 1/4	156(at PA of 8 bar)
DGS-DGT40	40:1	0.1	10	320	2-8 bar	40XPL	3/8/ 1/4	124(at PA of 8 bar)
DGS-DGT15/40	40:1	5	120	320	2-8 bar	40XPL	3/8/ 1/4	124(at PA of 8 bar)
DGS-DGT60	60:1	0.1	10	480	2-8 bar	60XPL	3/8/ 1/4	80(at PA of 15 bar)
DGS-DGT15/60	60:1	6	120	480	2-8 bar	60XPL	3/8/ 1/4	80(at PA of 15 bar)
DGS-DGT100	100:1	0.1	10	800	2-8 bar	100XPL	3/8/ 1/4	63(at PA of 8 bar)

TECHNICAL SPECIFICATION FOR DGS-2DGT SERIES:





东莞赛森特流体控制设备有限公司

Dongguan Suncenter Fluid Control Equipment Co., Ltd

For the hydraulic test station(liquid booster station),
we have three different cabinet design for choosing



Model A
closed type with
carbon steel material



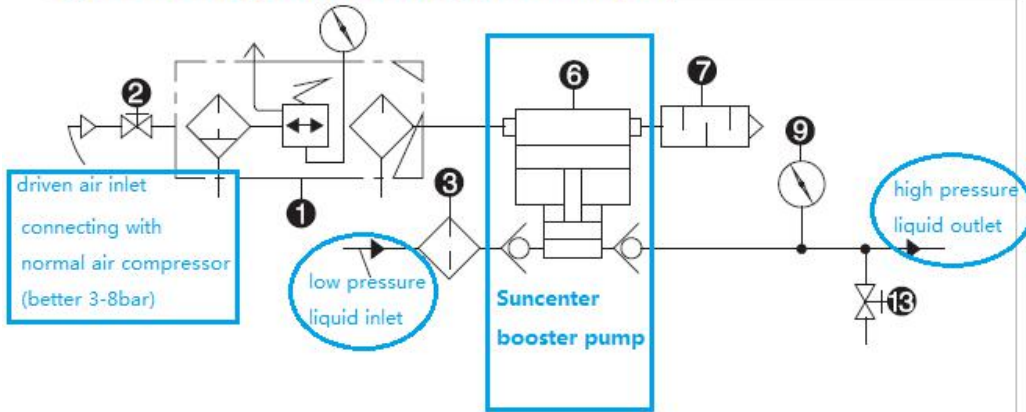
Model B
closed type with
stainless steel material



Model C
frame type with
stainless steel material

DLS Liquid (hydraulic) booster system = Liquid pump+ following valves, gages, and parts

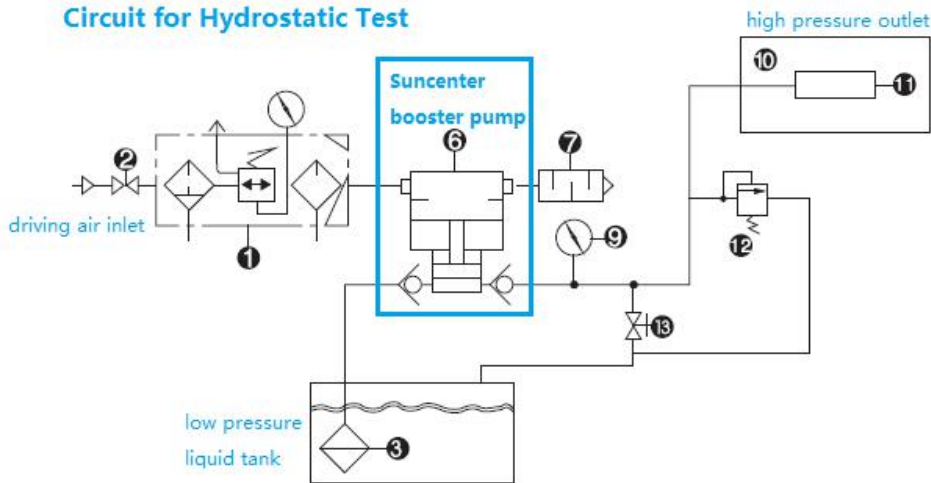
Typical circuit diagram for Air driving liquid booster pump



Number explanation

- ① F.R.L combination
- ② Driving air switch
- ③ Liquid filter
- ⑥ Booster pump
- ⑦ Muffler
- ⑨ Pressure gage
- ⑩ Testing cabinet
- ⑪ Tested part
- ⑫ Safety relief valve
- ⑬ unloading valve

Circuit for Hydrostatic Test



- ⑨ Pressure gage
- ⑩ Testing cabinet
- ⑪ Tested part
- ⑫ Safety relief valve
- ⑬ unloading valve



شماره: ۱۴۰۱/۱۴۶۹۶۵۱

تاریخ: ۱۴۰۱/۱۰/۰۵

پیوست: ندارد

«بیت سیستم اتوماسیون»

تولید: دانش بنیان، اشتغال آفرین

شرکت سامان وحدت آسیا نشانی: تهران خیابان شهید مدنی جنب مترو پلاک ۳۹۳ واحد ۳

با صلح

با توجه به تقاضای ثبت شده به شماره شناسه ۱۲۶۰۰۶۶۰ مورخ ۱۴۰۱/۱۰/۰۳ و در اجرای ماده ۴۳ ق.ا.گک، کالای مورد استعلام موضوع پروفرما شماره EXR-1401-01 مورخ 24/nov/2022 به شرح زیر طبقه بندی می گردد.

ردیف	شرح کالا	تعرفه	مآخذ
	با توجه به اظهارات شما، کاتالوگ، مستندات و توضیحات فنی ارائه شده کالا عبارتست از: بوستر گاز مدل DGS-DGT25 با عملکرد شبیه کمپرسور هوا یا سایر گازها میباشد که عمل بالا بردن فشار گاز ایزوتوپ برم به نسبت ۱ به ۲۵ تا ۲۰۰ بار را انجام میدهد با نیروی محرکه پنوماتیک (گاز فشرده) کار میکند.	۸۴۱۴۸۰۹۰	۰/۵

«چنانچه در زمان صدور این نظریه کالای مورد استعلام در هر یک از گمرکات کشور موجود باشد، ردیف تعرفه اعلام شده فاقد اعتبار بوده و این تعرفه بندی وقتی برای گمرک الزامی است که به تایید کمیسیون رسیدگی به اختلافات گمرکی برسد.

«عدد حقوق ورودی درج شده مقابل شماره تعرفه بر اساس جدول کتاب سال جاری بوده و در هر مورد مشمول مصوبات و ضوابط حاکم خواهد بوده»

هدیه عمادالاسلام
مدیرکل دفتر تعرفه
از طرف جمعی

PROFORMA INVOICE

EXPORTER: WINTECH INTERNATIONAL TRADING AND CONSULTING CO., LTD ADD.: ROOM 12503, UNIT 1, BUILDING 1, NO. 18, FENGHUI SOUTH ROAD, HIGH-TECH ZONE, XI'AN, SHAANXI PROVINCE, CHINA. COMMERCIAL ID NO.: 91610131MA6U4X3B6F		PROFORMA INVOICE NUMBER: EXR-1401/01				
		PROFORMA INVOICE DATE: NOVEMBER 24, 2022		VALIDITY DATE OF P/I: FEBRUARY 20, 2023		
BUYER REFERENCE: as per PO; 1401EEP- DATED 8 TH SEP, 2022						
CONSIGNEE: SAMAN VAHDAT ASIA COMPANY ADD.: UNIT 3, 2 ND FLOOR, NO. 393, MADANI ST., TEHRAN PO 1617683814, IRAN. COMMERCIAL ID NO.: 10103676386 TEL.: 0098-21-7756 2676 FAX: 0098-21-7715 8251		BUYER: SAMAN VAHDAT ASIA COMPANY ADD.: UNIT 3, 2 RD FLOOR, NO. 393, MADANI ST., TEHRAN PO 1617683814, IRAN. COMMERCIAL ID NO.: 10103676386 TEL.: 0098-21-7756 2676 FAX: 0098-21-7715 8251				
PARTIAL SHIPMENT: NOT ALLOWED		COUNTRY OF BENEFICIARY: CHINA		COUNTRY OF DESTINATION: I.R.OF IRAN		
		COUNTRY OF ORIGIN: CHINA				
TRANSPORT MODE AND MEANS: SEA		PORT / AIRPORT OF LOADING: TIANJIN PORT, CHINA		TERMS OF PAYMENT: 100% AGINST B/L COPPY		
PORT /AIRPORT OF DISCHARGE: (PERSIAN GULF) BANDAR ABBAS SEAPORT		FINAL PLACE DELIVERY: (PERSIAN GULF) I.R.OF IRAN		DELIVERY TERM: CFR-BANDAR ABBAS PORT, IRAN		
SHIPPING MARKS: TRANSPORT UNIT ID		NO AND KIND OF PACKAGES SHIPPING DESCRIPTION OF GOODS		TRANSACTION CURRENCY: RMB (¥)		
AS AGREED FORMATE ONCE		2 WOODEN BOXES		COMMODITY H.S.CODE NO. 8414 8090		
				TOTAL NET / GROSS WT. (KG) 114KG/136KG		
				TOTAL CUBE (m³) 0.68 m³		
NO. AND KIND OF STANDARD: W. BOXES (APPROX) (PACKING WILL BE IN STRONG WOODEN BOXES) PACKING AS PER EXPORT STANDARD						
ROW	ITEM DESCRIPTION	ORIGIN	NET WT. (KG)	QTY (SET)	FOB UNIT PRICE (RMB / Set)	FOB TOTAL AMOUNT (RMB)
1	BF ₃ GAS BOOSTER SYSTEM Model: DGS-DGT25 Air Driven Gas (BF ₃) booster system with Max. Pressure up to 200 bar, DGT25 Model GAS BOOSTER, Model C Frame Type, Cabinet, Valves, Installation Seals, Gages, Tubes and Pipelines H.S. CODE: 8414 8090 MGF : Dongguan SUNCENTER Fluid Control Equipment	CHINA	58 KG	2 SETS	21,712.40 ¥	43,424.80 ¥
SHIPPING CHARGE-RMB FROM TIANJING PORT, CHINA TO BANDAR ABBAS PORT, IRAN (INCOTERMS 2010 - CFR) :						2,000.00 ¥
SAY: FORTY FIVE THOUSAND AND FOUR HUNDRED TWENTY FOUR RMB AND NINETY CENTS ONLY.						CFR TOTAL AMOUNT (RMB): 45,424.80 ¥
REMARKS: WE HEREBY CERTIFY THAT "THE GOODS ARE OF CHINESE ORIGIN"						TOTAL FOB PRICE TO TIANJIN PORT, CHINA: 43,424.80 ¥
DELIVERY: THE MENTIONED ORDERED ITEMS ARE MANUFACTURED AND READY FOR SHIPMINET						TOTAL FREIGHT AMOUNT: 2,000.00 ¥
TRANSSHIPMENT: / INSPECTION BY: / INSURANCE: / SHIPMENT TIME: N.A						TOTAL CFR PRICE TO BANDAR ABBAS PORT, IRAN: 45,424.80 ¥
BANK NAME: BENEFICIARY NAME: WINTECH INTERNATIONAL TRADING AND CONSULTING COMPANY, LIMITED ACCOUNT NO.: 8111701013300610467 SWIFT CODE: CMBCCNBSXXX BENEFICIARY BANK: CHINA MERCHANTS BANK (H.O. SHENZHEN) BANK ADDRESS: CHINA MERCHANTS BANK TOWER NO.7088, SHENNAN BOULEVARD, SHENZHEN, CHINA.						
TAX REGISTRATION ID NO.: 91610131MA6U4X3B6F DATE: 2017-05-22			NAME OF SIGNATORY: TIAN XIAOPENG			
IT IS HEREBY CERTIFIED THAT THIS INVOICE SHOWS THE ACTUAL PRICE OF THE GOODS DESCRIBED, THAT NO OTHER INVOICE HAS BEEN OR WILL BE ISSUED, AND THAT ALL PARTICULARS ARE TURE AND CORRECT.			PLACE AND DATE OF ISSUE: CHINA, NOV, 2022			
			SEAL AND SIGNATURE: 