Serreen

常州格林液压设备制造有限公司

CHANGZHOU GREEN HYDRAULIC CO.,LTD

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Building 15, West Zone, Jingdong Intelligent Industrial Park, Xinxu Road, Xinzha Town, Zhonglou District, Changzhou City, Jiangsu Province, China

Serreen

·格林液压综合样本

Serreen



GREEN HYDRAULIC

TO CREAT GLOBAL ONE-STOP QUALITY SUPPLIER OF MACHINERY

常州格林液压设备制造有限公司

CHANGZHOU GREEN HYDRAULIC CO., LTD

COMPANY PROFILE
公司简介

让中国机械优品通往全球

LET CHINA'S HIGH-QUALITY MACHINERY PRODUCTS REACH THE WORLD



2007
创立18年
Founded 18 years ago

35名
研发团队
R&D Team

10+
研发专利
R&D Patents

关于我们

常州格林液压设备制造有限公司是一家专注于液压元件、液压系统、自卸车工程机械配件和农业机械配件的生产、研发、制造和销售的专业制造企业拥有18年以上的经验。2017年涉及外贸出口，始终遵循小工厂大贸易的思维理念，以人为本,重视人才。

公司高度重视产品质量,与上海大学战略合作伙伴,已通过IS09001质量体系认证,拥有16项专利。

自格林液压成立以来,我们始终坚持客户第一、诚信共赢的经营理念汇聚了机械领域的精英。公司的核心价值观是:客户第一、诚信共赢、天道酬勤、团结合作、分享利他;基于我公司的核心价值观，我司稳步发展，为全球机械行业增砖添瓦。

ABOUT US

Changzhou Green Hydraulic Co., Ltd. is a professional manufacturer focusing on the production, research and development, manufacturing and sales of hydraulic components, hydraulic systems, dump truck parts and agricultural machinery parts with more than 18 years of experience. In 2017, it was involved in foreign trade exports, always following the thinking concept of small factories and big trade, people-oriented, and valuing talents.

The company attaches great importance to product quality and has established a strategic partnership with Shanghai University. It has passed the IS09001 quality system certification and has 16 patents.

Since Green Hydraulic was founded, we have always adhered to the business philosophy of customer first, integrity and win-win, and have brought together elites in the field of machinery. The company's core values are: customer first, integrity and win-win, God rewards hard work, unity and cooperation, sharing and altruism; Based on our company's core values, our company has developed steadily and contributed to the global machinery industry.

公司区域规划
Company Area Planning

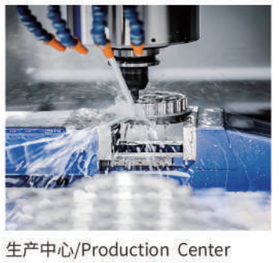


办公区/Office



重要仪式/Important Ceremony


休闲区/Recreation Centre


生产中心/Production Center


装配中心/Assembly Center


备货区/Stocking Center



CORPORATE CULTURE
企业文化

企业愿景 VISION

让中国机械优品通往全球

LET CHINA'S HIGH-QUALITY MACHINERY PRODUCTS REACH THE WORLD

企业使命 MISSION

打造机械领域，全球一站式优质供应商，为了实现全体员工的物质和精神双方面幸福，为了人类社会的进步而努力奋斗。

TO BUILD A GLOBAL ONE-STOP HIGH-QUALITY SUPPLIER IN THE FIELD OF MACHINERY, TO ACHIEVE THE MATERIAL AND SPIRITUAL HAPPINESS OF ALL EMPLOYEES, AND TO STRIVE FOR THE PROGRESS OF HUMAN SOCIETY.

企业价值观 VALUES

- **客户第一**

  CUSTOMER FIRST

- **诚信共赢**

  INTEGRITY AND WIN-WIN

- **天道酬勤**

  GOD REWARDS HARD WORK

- **团队合作**

  UNITY AND COOPERATION

- **分享利他**

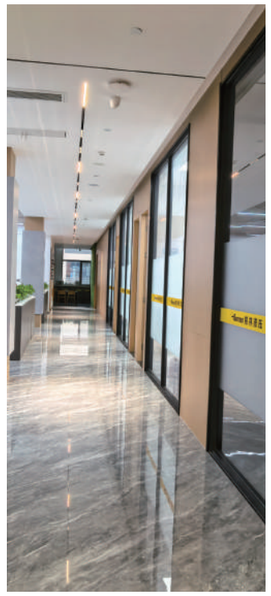
  SHARE ALTRUISM

COMPANY ENVIRONMENT

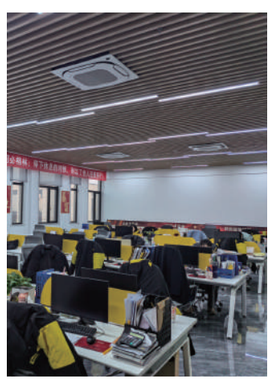
公司环境



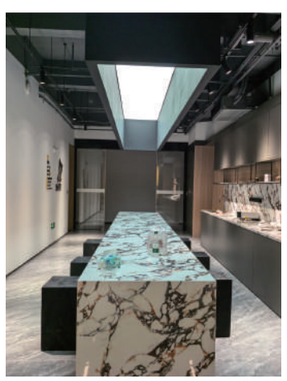










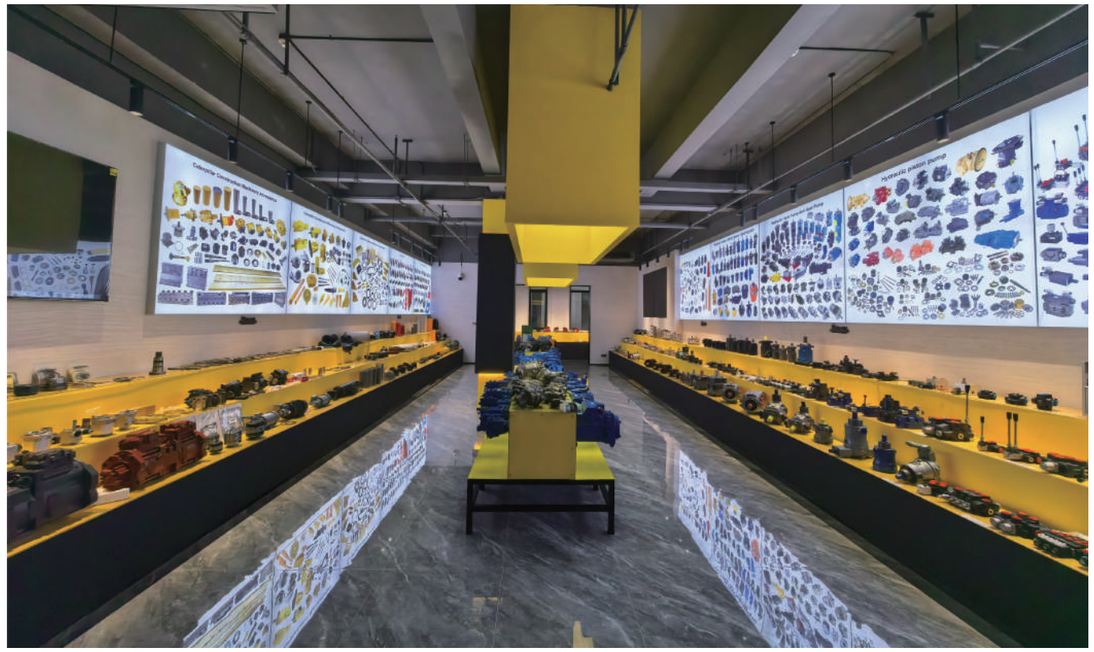


CORPORATE SHOWROOM

公司展厅

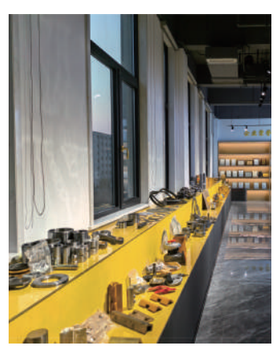










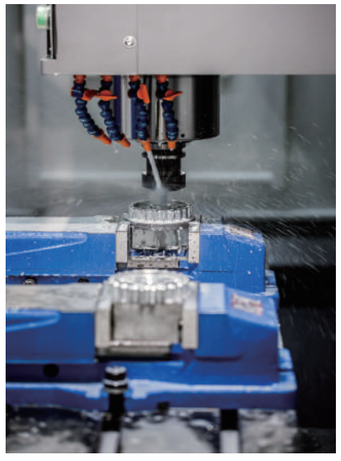


MANUFACTURING EQUIOMENT

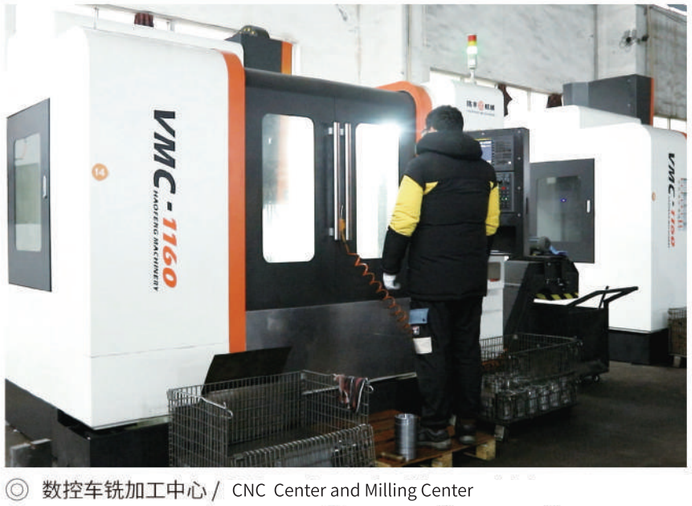
生产设备









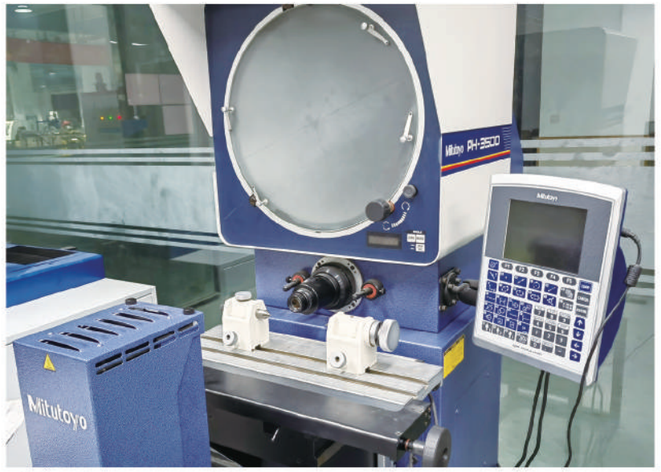


◎ 数控车铣加工中心 / CNC Center and Milling Center



INSPECTION EQUIPMENT

检验设备



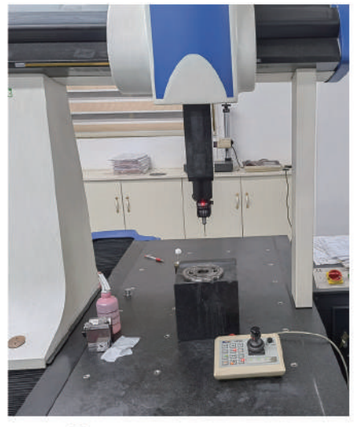
◎ 圆跳动 / Round Beat



◎ 数显洛氏硬度计
Digital Rockwell Hardness Tester



◎ 外圆检测仪 / Outer Circle Detector



◎ 三坐标仪 / CMM



◎ 粗糙度仪器 / Roughness Instrument



COMPANY EXHIBITION
公司展会

COMPANY EXHIBITION
公司展会

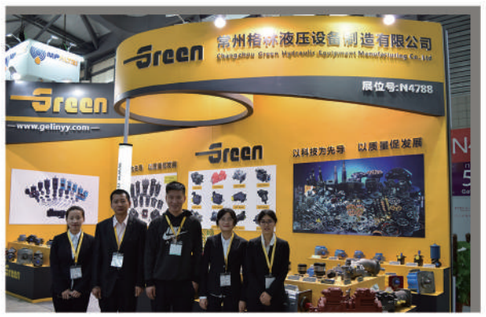


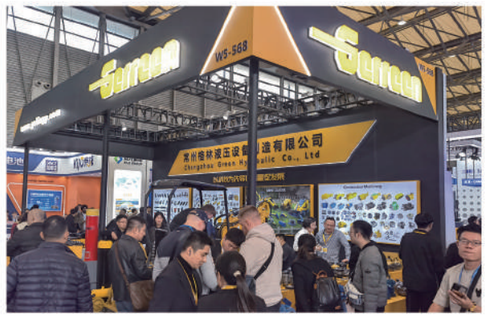








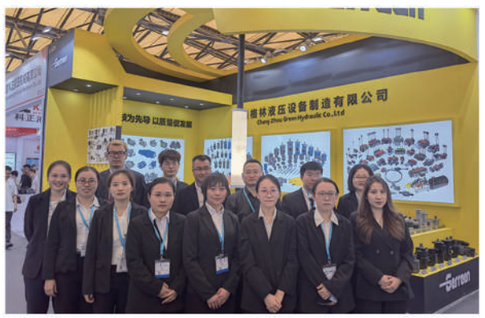



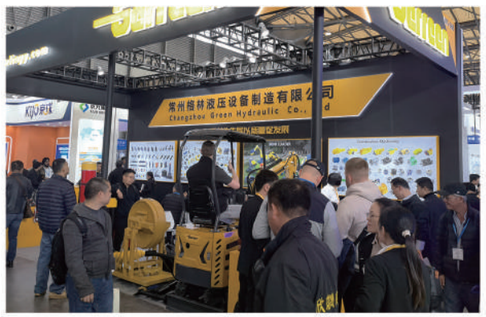














HONORARY QUALIFICATIONS

荣誉资质






















AUTHORITATIVE CERTIFICATION

权威认证

























PUMP PARTS/泵配件



PRODUCT LIST/产品目录

Brand	Tybe
Rexroth	A2F(0)10/12/16/23/28/32/45/56/63/80/90/107/125/160/180/200/250/500/1000
	A4VG28/40/45/50/56/71/90/125/140/180/250 A4VSO40/45/71/125/180/250/355/500
	A6V55/80/107/160/200/225/250 A6VM160/200/500/A6VE160
	A7V16/28/55/80/107/160/200/225/250/355/500 A8V(0)55/80/107/140/160/200
	A10VSO28/45/52/63/71/85/100/140 A10VD(VG)17/18/25/36
	A11V40/60/75/95/200/250/260 AP2D12/16/21/18/25/36
Caterpillar	CAT12G/14G/16G/120/215/245/312C/325C/330B/330C/385H
	AP-12/14 SPK10/10 SBS80/140
Komastu	HPV35/55/90/95/132/135/160/200-8
	PC30UU/40-8/50/60/120/200-3/200-5/200-6/300-7/320/400-6/650/1250 etc
Liebherr	LPVD45/65/75/90/100/125/140/250/260
Linde	HPV55T/080/HPR75/100/105/130/135/160/HMR135 B2PV35/50/75/105/140
	BPV35/50/70/100 BPR140/186/260 BMF50/75/105 BMV75.27
Eaton-vickers	PVB5/6/10/15/20/29/90/110 PVQ10~45 PVH45/57/74/81/98/106/131/141
	PVE19/21/TA19 ADU041/049/062
Parker	VOLV0/F11-005/010/020/28/39/58/150/250 F12-060/080/090/110-MF-1
	PVXS130/180/250/PVX0250/PV180/250/PVL250Parker2145/270/23/P2075/P2105/P2060
	PAVC38/65/100 PVT38/PVT64 SH5V/131
Kawaski	K3V63/112/140/180/280 S/DT/DTP/DTH K5V80/140/160/200 S/DT/DP/DTH/DPH/SH
	K3VG(VL)45~280(DT) K4V45/112 K3SP36C NV45/64/111/137/172/270
	KVC925/930/932 NX15/NVK45 MAG150/170 MX50/150/170/173
	M2X55/63/96/120/146/150/170/210 M5X130/160/180 LZV30/120/LVW060
Danfoss	PV18/20/21/22/23/24/25/26/27/29 PV90-030/050/075/100/130/180/250
	MF16A/035/500 MPV046/M46/MPR63/MPV45 SPV14/15/18 MMF025C
	BRL100 MPT044/M44 HRRO57
Nachi	PVB-2B-32L/34L/36L/38/40/42/63/505 PVD45 YC35-6/PCL-200-18B
	PZ-2B-35/2B-45/3B-70/4B-100/5B-130/6B-180/6B-220
	PZS-3B-70/4B-100/5B-130/6B-180/6B-220 PVS-0B-B/1B-16/1B-22/1B-35/1B-45
	Swing PCR-1B/2B/3B/4B/5B Travel PHV-1B/2B/3B/4B/5B
JIC	JMV-44/22 35/34 64 147/95 155
Hitachi	HPV050/080/091/102/116/118/125/145 ZX120-6/120/200-3/270/330-2
	EX60-2/120-2/200-2/200-5/300-2
Kobelco	SK200-1/3/6 250-8320430etc
Nabtescc	GM05VL/05VA/06VL/07VA/08/09/10/17/18/21/23/30H/35VA/35VL/38VB
Kayaba	PSV-10/-16/2-10/2-16 PSVD2-13E/W-17E/2-21E/2-27E PSVL-42/-54
	MSF-18/-23 MAG-12V-120E/18V-230F/33V-550F/170VP-3800G/18VP-220 etc.
	MSG-27P-10E/27P-16E/27P-23E/50P-21
Toshiba	PCV65R/80R/90R/110 RPVB92 SG02/025/04/08/12/20
Tokiwa	MKV23/MKV33
Hawe	V30D45/95/145/250 V60
Tadano	Tadano 100/150
Yuken	A16/A22/A37/A45/A56/A70/A90/A145
Harvester	HPVMF23(T23C)/HPVMF23.7/T28C/T30C/T37C
Oilgear	PVM-018/02B PVG130
Brevini	ED2090/2150/2250
Bonfiglioli	BFL309/310/311
Dinamic	RE1022/RE1023
Yuken	DG-01 BG-03/06/10 S-BSG-03/06/10 DSG-01/03 DSHG-04/06/10
	CIT/CGR-03/06/10 CPG-03/06/10 RG-03/06/10 SRG3/06/10 EFBG-03/06
	FG-01/02/03/06 ED-01 EBG-03/06/10 MBP/MSW/MPW-01/03/04/06



PISTON PUMP/柱塞泵



PISTON PUMP PARTS/柱塞泵配件



VANE PUMP/叶片泵



GEAR PUMP/齿轮泵



HYDRAULIC VALVE/液压阀



MOTOR/马达





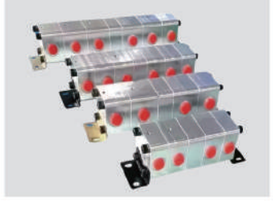














HYDRAULIC COMPONENTS/液压元件

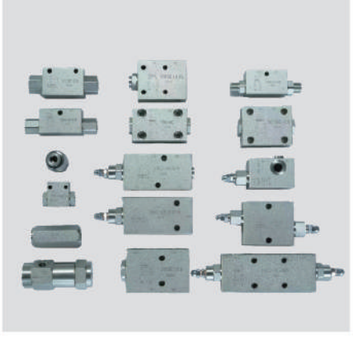






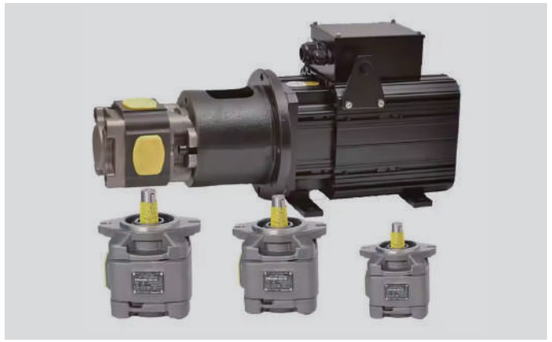






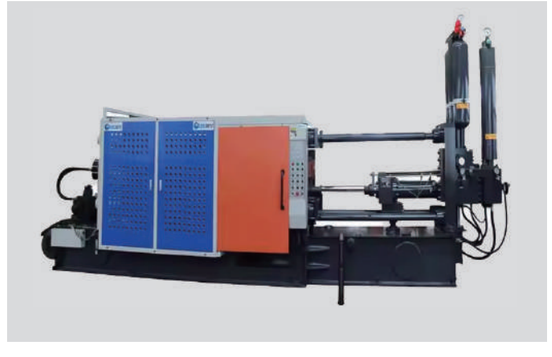


SERVO SYSTEM/伺服系统



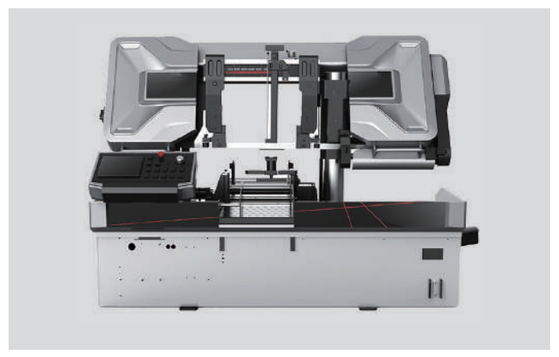




OTHER COMPONENTS/其他元件










HYDRAULIC COMPONENTS/液压元件










CRIMPING MACHINE/扣管机



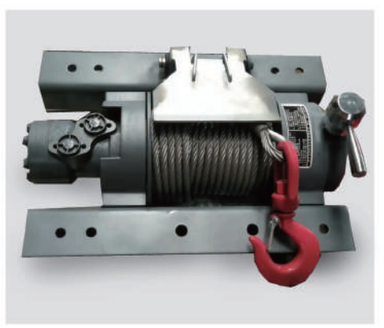
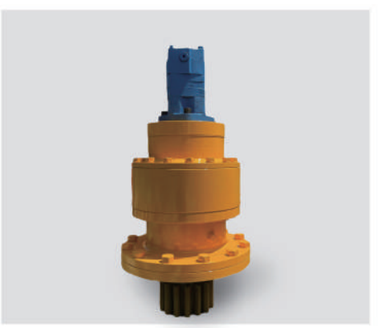





WINCH/绞盘







AC.过滤器

1.RFA系列微型直回式回油过滤器/Filter ----------882

2.RFB系列微型直回式回油过滤器/Filter ----------884

3.TF 系列箱外自封式过滤器/Filter ----------886

4.TFA 系列吸油过滤器/Filter ----------888

5.WU XU 系列吸油过滤器/Filter ----------890





RFA 系列微型直回式回油过滤器

RFA Series Micro Direct Return Oil Filter

(一)简介

本过滤器用于液压系统回油精过滤，滤除液压系统中元件磨损产生的金属颗粒以及密封件的橡胶杂质等污染物，使流回油箱的油液保持清洁。

本过滤器安装在油箱顶部，筒体部分浸入油箱内，并设置旁通阀、扩散器、滤芯污染堵塞发讯器等装置。具有结构紧凑、安装方便、通油能力大、压力损失小、更换滤芯方便等特点。

(二)性能与特点

1.安装连接方便，简化系统管路

本过滤器直接安装在油箱盖板上，过滤器滤头露在油箱外，回油筒体浸入油箱内，进油口设有管式与法兰式连接，从而简化了系统管路，使系统布置较为紧凑，安装连接更方便。

2.设置滤芯污染发讯器，

油路旁通阀，提高液压系统的可靠性:当滤芯被污染物堵塞或系统液温过低，流量脉动等因素造成进油压力为0.35MPa时，发讯装置便发出讯号指示。应及时更换滤芯或提高油液温度。如此时不能马上停机处理这些故障时，设在滤芯下部的旁通阀自动开启工作(旁通阀开启压力为0.4MPa)，以保护过滤器及液压系统正常工作。

3.设计采用直回滤油，使更换滤芯或向油箱加油非常方便:

只需旋开过滤器滤盖(清洗盖)即可更换滤芯或向油箱加油，并在滤头设有2只M18x1.5油口，可在任何一方安装发讯器或系统中少量油液回流粲谌油箱过滤之用。

4.具有液流扩散器

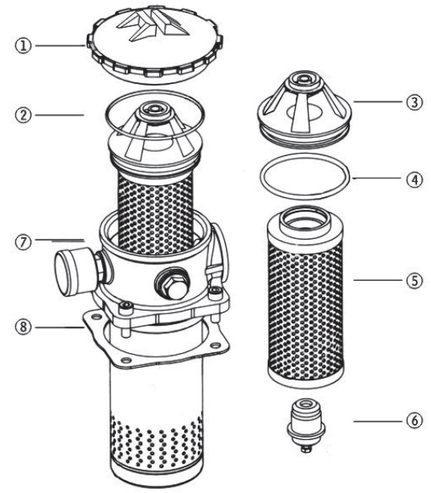
扩散器设置在回油筒体底部，能使回油的介质平稳地流入油箱内，不易产生气泡，从而减少空气重新进入，并减弱已沉积的污染物骚动。

5.滤芯采用玻璃纤维过滤材质

具有过滤精度高，通油能力大，原始压力损失小，纳污量大等优点。其过滤精度以绝对过滤精度标定，过滤比B3、5、10、20>200，过滤效率n≥99.5%，符合IS0标准。

INTRODUCTION

This kind of filter can be used in hydraulic system for fine filtration. It canbe installed on the cover of the tank. The filter head should be out of the tankand the filter bowl should immerse in the oil. The inlet port has threaded and flanged connections. The filter has indicator and by pass valve. When the dirtaccumulates in the filter element or the temperature of the system is too lowand the oil inlet pressure reaches 0.35MPa, the indicator will give signals showing that the filter element should be cleaned, changed or raise the temperature.If no service is done and as the pressure reaches to 0.4MPa, the by pass valve will open automatically to keep the hydraulic system safe. It is easyto change filter element and to inject the oil to the tank: open the filter coverthe filter element could be changed or the oil can be injected into tank.Twooil ports at filter head which are M18×1.5, the indicator can be installed at any part and they can filter some oil which may return to the tank. The filter hasfluid diffuse. The fluid diffuser is at bottom of the filter and can help the medium flow stably to the tank and avoid the air reentering. The filter element ismade of glass fiber, so it has high filtration accuracy,low initial pressure loss high dirt-holding capacity and so on.Filter radio B 3,5,10,20>200,filter ef-ficiency n≥99.5%, and fit the ISO standard.



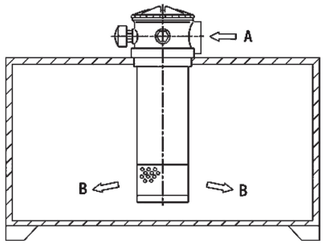


序号 Number	名称 Name	说明 Note
1	滤盖Cap	
2	0形密封圈 0-ring	易损件 Wearing parts
3	滤芯定位座 Element locating seat	
4	0形密封圈 0-ring	易损件 Wearing parts
5	滤芯 Element	易损件 Wearing parts
6	旁通阀 By-pass valve	
7	壳体 Housing	
8	密封垫 Seal	易损件 Wearing parts

安装方法及型号说明 MOUNTING& MODEL CODE

RFA· □ — □ × □ □ — □

- 微型直回式回油过滤器 Tank mounted mini-type return filter series
- BH:介质为水一乙二醇 Water-glycol / 省略:介质为一般液压油 0mit ifuse hydraulic oil
- 公称流量 Flow rate(L/min)
- 过滤精度 Filtration accuracy(μ m)
- L:出油口为螺纹连接 Threaded connection / F:出油口为法兰连接 Flanged connection
- Y:带CYB-I型发讯器≤DC24v With cYB-Iindicator / C:带CY-II型发讯器≤220v With CY-IIindicator / 省略不带发讯器 0mit if without indicator



技术参数

型号 Model	公称流量 Flow rate (L/min)	过滤精度 Filtr.(μ m)	通 径 Dia.(mm)	公称压力 Press(MPa)	压力损失 Initial △P(Mpa)		发讯装置 Indicator		重 量 Weight(Kg)	滤芯型号 Model of element
					Initial	Max.	(V)	(A)		
RFA-25×*L-	25	1	15	1.6	≤0.075	0.35	12	2.5	0.85	FAX-25×*
RFA-40×*L-	40		20						0.9	FAX-40×*
RFA-63×*L-	63	3	25				24	2	1.5	FAX-63×*
RFA-100×*L-	100	5	32				36	1.5	1.7	FAX-100×*
RFA-160×*L-	160		40						2.7	FAX-160×*
RFA-250×*F-	250	10	50				220	0.25	4.35	FAX-250×*
RFA-400×*F-	400	20	65						6.15	FAX-400×*
RFA-630×*F-	630	30	90						8.2	FAX-630×*
RFA-800×*F-	800		90						8.9	FAX-800×*
RFA-1000×*F-	1000		90						9.96	FAX-1000×*

AC

注:*为过滤精度,若使用介质为水一乙二醇,公称流量63L/min,过滤精度10um,带CY8-1型发讯器,则过滤器型号为RFA·BH+63x10Y,滤芯型号为FAX·BH-63x80。

Note:*is fitraton accuracy, Ifthe medum is water- avco. fow ralte is 63Lmin.itraton accuray is 10um, withcyB- indicator. the model of this fiter isREA * BH-3 x10Y, the model of element is lX · BH-63 x 80.

型号 MODEL	尺寸 Size (mm)												
	L1	L2	L3	H	D	M	m	A	B	C1	C2	C3	d	h
RFA-25×*L- C/Y	127	74	45	25	φ75	M22×1.5	M18×1.5	90	70	53	45	39	φ9	10
RFA-40×*L- C/Y	158					M27×2								
RFA-63×*L- C/Y	185	93	60	33	φ95	M33×2		110	85	60	53			12
RFA-100×*L- C/Y	245					M42×2								
RFA-160×*L- C/Y	322	108	80	40	φ110	M48×2		125	95	71	61		φ13	

型号 MODEL	尺寸 Size (mm)																
	L1	L2	L3	H	D	E	m	a	b	n	A	B	C2	C2	C3	d	Q	h
RFA-250×*F- C/Y	422	108	80	40	φ110	φ50	M18×1.5	70	40	M10	125	95	81		39	φ13	60	15
RFA-400×*F- C/Y	467	135	100	55	φ130	φ65		90	50		140	110	90	68			73	15
RFA-630×*F- C/Y	494	175	118	70	φ160	φ90		120	70		170	140	110	85			102	18
RFA-800×*F- C/Y	606																	
RFA-1000×*F- C/Y	786																	

RFB 系列微型直回式回油过滤器

RFA Series Micro Direct Return Oil Filter

简介

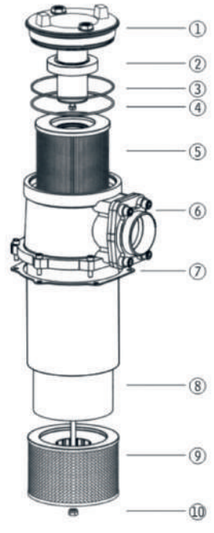
RFB 系列直回自封式磁性回油过滤器用于液压系统回油精过滤，滤除液压系统中由于元件磨损产生的金属颗粒，以及密封件损的橡胶杂质等污染物， 使流回油箱的油液保持清洁。

INTRODUCTION

RFB-series filters are used in the return line of hydraulic systems. They can be installed on the top. at the side or in the bottom of tanks. Every filter is equiped with apermanent magnet to remove ferrous matters in the oil. filter element is made of no.n-woven fibre with high efficiency and low restriction. A diffuser is fitted in the lowerpart of the filter, ensuring steady oil flow into the tank. There is a check valve in the f-ilter to prevent oil flowing out from the tank when filter element is changed.
The differential pressure indicator will signal when the pressure drop across filterelement attains 0.35MPa and the by-pass valve opens at 0.4MPa.

(二)性能与特点

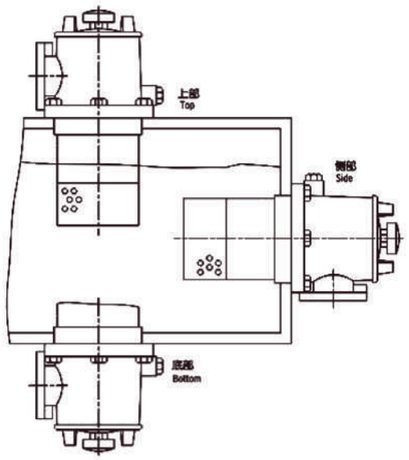
1、本过滤器可直接安装在油箱顶部，侧面或底部，过滤器滤头露于油箱外，筒体部分浸入油箱内，从而简化了系统管路，使系统布置较为紧凑。
2、本过滤器配有永久磁铁，可滤除油液中1微米以上的铁磁性颗粒。
3、具有旁通阀:冷油起动时，因系统液温过低，流量脉动等因素造成过滤器压差过大主机不能工作,以及滤芯被污染物堵塞情况下,滤盖下部并联的旁通阀会自动开启，(开启压力差为0.4MPa)以保护滤及系统正常工作。
4、具有止回阀: 过滤器置于油箱侧边和底部，在更换滤芯时，油箱内的油液不会流出。设有液流扩散器，与筒体下部组成的液流扩散器能使回油平稳地
5、流入油箱内，不易产生气泡，减少重新进入的空气，减弱已沉积污染物的骚动，且当旁通阀开启时，能起粗过滤作用。
6、具有目测指示和电发讯二合一发讯装置、溢流管、积污盅当滤芯逐步堵塞后，可在目测表上观察滤芯堵塞情况，同时还可接电发讯(发讯值为0.35MPa)。在滤芯底部设置溢流管及积污盅更换滤芯时可随同一起带出，从而避免了污染物重新掉入油箱内的现象。
7、滤芯过滤材质采用玻璃纤维，具有过滤精度高，通油能力大，原始压力损失小，纳污量大等优点，其过滤精度以绝对过滤精度标定过滤比B3、10、20≥200，符合ISO标准。
8、具有安装连接及更换滤芯方便的特点:进油口为法兰连接，对于滤头与油箱安装法兰，用户可按图表中尺寸在油箱板上设计并加工 6 只法兰螺孔即可。旋开过滤器顶盖可更换滤芯或向油箱内加油。
9、具有附带回油孔：在过滤器滤头侧面与顶部设有两个小回油孔，可作系统中少量油液回入油箱过滤或向油箱少量加油之用，过滤器装在油箱侧面或底部时，旋开小孔盖又可放除过滤器内含有污染杂物的油液，从而延长滤芯使用寿命，又有利于油液的净化。



序号 Number	名称 Name	说明 Note
1	滤盖组件 Cap Components	
2	磁环 Mangnet ring	
3	0形密封圈 0-ring	易损件 Wearing parts
4	0形密封圈 0-ring	易损件 Wearing parts
5	滤芯 Element	易损件 Wearing parts
6	壳体 Housing	
7	密封垫 Seal	易损件 Wearing parts
8	接管 Connecting tube	
9	扩散器 Diffuser	
10	螺母 Nut	

AC

安装简图及型号说明 MOUNTING GUIDE&MODEL CODE



RFB·□－□×□－□□

- Y:带CYB-I型发讯器≤DC24V / With CyB-I indicator
  C:带CY-I型发讯器≤220V / With Cy-II indicator
  省略:不带发讯器 / Omit if without indicator
- 省略:无接管(Y为0) / Omit if without connecting tube
  Y:用户所需接管尺寸 / Size Y of connecting tube as requested
- 过滤精度(μm) Filtration accuracy
- 公称流量(L/min) Flow rate
- BH: 介质为水—乙二醇 / Water-glycol
  省略:介质为一般液压油 / Omit if use hydraulic oil
- 直回自封式磁性回油过滤器 / Check valve magnetic return filter

型号 Model	公称流量 Flow rate (L/min)	过滤精度 Filtr. (μm)	通径 Dia. (mm)	压力损失Pressure loss(MPa) Initial	压力损失Pressure loss(MPa) Max.	发讯装置 Indicator Max.		重量 Weight (Kg)	滤芯型号 Model of element
RFB-25×*C/Y	25	1	1.6	≤0.075	0.35	12	2.5	4.6	FBX-25×*
RFB-40×*C/Y	40	3				24	2	4.8	FBX-40×*
RFB-63×*C/Y	63	5				63	1.5	5.3	FBX-63×*
RFB-100×*C/Y	100	10				220	0.25	6	FBX-100×*
RFB-160×*C/Y	160	20						6.7	FBX-160×*
RFB-250×*C/Y	250	30						12.3	FBX-250×*
RFB-400×*C/Y	400							14.7	FBX-400×*
RFB-630×*C/Y	630							17.3	FBX-630×*
RFB-800×*C/Y	800							18.6	FBX-800×*
RFB-1000×*C/Y	1000							21.3	FBX-1000×*
RFB-1300×*C/Y	1300							27.8	FBX-1300×*

型号 Model	A	B	C	D	E	F	G	H	J	K	L	N	P	M	a	b	S	T	Q	h
RFB-25×*C/Y	78	167	348	φ124	175	96.5	58	168	75	φ150	90	φ7	φ55	M10	102	78	80	43	60	20
RFB-40×*C/Y			374																	
RFB-63×*C/Y			411																	
RFB-100×*C/Y			473																	
RFB-160×*C/Y			548																	
RFB-250×*C/Y	120	210	558	φ186	250	132	74	245	112	φ225	132	φ9	φ80	M12	140	106	110	62	90	22
RFB-400×*C/Y			708																	
RFB-630×*C/Y			877																	
RFB-800×*C/Y			948																	
RFB-1000×*C/Y			1114																	
RFB-1300×*C/Y			1454																	

TF 系列箱外自封式过滤器

RFA Series Micro Direct Return Oil Filter

简介

本过滤器安装在油泵吸油口处，用以保护油泵及其它液压元件，以避免吸入污染杂质，有效地控制液压系统污染，提高液压系统的清洁。

本过滤器可直接安装在油箱侧边，上部或底部，吸油筒体浸入油箱内液面以下，过滤器滤头露在油箱外，并设有自封阀，旁通阀，滤芯污染堵塞发讯器等装置，使更换滤芯和清洗滤时油箱内油液不会流出本产品设计新颖，安装方便，通油能力大，阻力小，清洗或更换滤芯方便等优点。

NTRODUCTION

The TF-series filters can be installed on the top, at the side or in the bottom of the tank. There is a check valve inside the filter, during maintenance, when filter element is withdrawn for washing, the check valve will close automatically to stop oil flowing out from the tank.

A vacuum indicator in the filter gives signals when the pressure drop across theelement reaches 0.018MPa showing that the filter shall be cleaned. If no maintena-nce is done, as the pressure drop rises to 0.02MPa, the by-pass valve will open to a-llow oil flowing into pump. This kind of filter can be installed at inlet port of the pump.in order to protect the pump and other component. This filter can help to keep hydr-aulic system clean and easy to use.

(二)性能与特点

1、安装连接方便，简化系统管路：

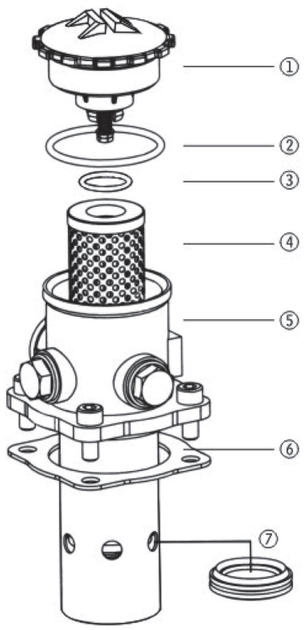
本过滤器可直接安装在油箱侧边，底部或上部，过滤器滤头露在油箱外，吸油筒体浸入油箱内液面以下，出油口设有管式、法兰式连接，过滤器内设置自封阀等装置，使管路省去装截止阀等其它管件，从而使管路简化，安装方便。

2、设置自封阀，使更换、清洗滤或维修系统非常方便：

当更换、清洗滤芯或维修系统时，只需旋开过滤器端盖(清洗盖)此时自封阀会自动关闭，隔绝油箱油路，使油箱内油液不会向外流出从而使清洗，更换滤芯或维修系统非常方便，如顶开自封阀又可作油箱向外放油之用。

3、具有滤尬污染发讯器与油路旁通阀，提高了液压系统的可靠性：

当滤芯被污染物堵塞到出油口真空度为 0.018MPa时，发讯器便发出讯号，应及时更换或清洗滤芯。若此时不能马上停机或无人来更换滤芯时，在滤芯上部的油路旁通阀会自动开启(开启值为:真空0.02MPa)，以避免油泵出现吸空故障。但此时应停机更换或清洗滤芯，以保持液压系统清洁度，提高液压系统的可靠性。





序号 Number	名称 Name	说明 Note
1	滤盖组件 Cap Components	
2	0形密封圈 0-ring	易损件 Wearing parts
3	0形密封圈 0-ring	易损件 Wearing parts
4	滤芯 Element	易损件 Wearing parts
5	壳体 Housing	
6	密封垫 Seal	易损件 Wearing parts
7	密封圈 Seal	易损件 Wearing parts

TF· □ — □ × □□ × □

箱外自封闭式吸油过滤器Tank mounted suction filter

BH:介质为水一乙二醇 Water-glycol
省略:介质为一般液压油 0mit if use hydraulic oil

公称流量(L/min)Flow rate

Y:带ZKF-I型发讯器≤DC24V With ZKF-Iindicator
C:带ZS-I型发讯器≤220v With ZS-Iindicator
省路:不带发讯器 0mit ifwithout indicator

L:出油口为螺纹连接Threaded connection
F:出油口为法兰连接Flanged connection

过滤精度(μm)Filtration accuracy

技术参数 TECHNICAL DATA

型号 Model					发讯装置 Indicator		连接方式 Connecting	重 量 Weight (Kg)	滤芯型号 Model of element
					(V)	(A)			
TF-25×*L C Y	25	80	15	＜0.01	12	2.5	管式Thread	0.4	TFX-25×*
TF-40×*L C Y	40		20					0.45	TFX-40×*
TF-63×*L C Y	63		25					0.82	TFX-63×*
TF-100×*L C Y	100		32					0.87	TFX-100×*
TF-160×*L C Y	160	100	40		24	2		1.75	TFX-160×*
TF-250×*L C Y	250		50				法兰Flange	2.6	TFX-250×*
TF-400×*L C Y	400	180	65		36	1.5		4.3	TFX-400×*
TF-630×*L C Y	630							6.2	TFX-630×*
TF-800×*L C Y	800				220	0.25		6.9	TFX-800×*
TF-1000×*L C Y	1000							8	TFX-1000×*
TF-1300×*L C Y	1300							10.4	TFX-1300×*

注:*为过滤精度,若使用介质为水一乙二醇,公称流量160L/min,过滤精度80μm,带ZS-I型发讯器,则过滤器型号为TF·BH-160x80L-C,滤芯型号为TFX·BH-160x80。

Note: * indicates the filtration accuracy. If the medium used is water-ethylene glycol, the nominal flow rate is 160L/min, the filtration accuracy is 80μm, and it is equipped with a ZS-I type transmitter, the filter model is TF·BH-160x80L-C and the filter element model is TFX·BH-160x80.

连接尺寸 MOUNTING SIZE

AC

1、管式出油口螺纹连接)Threaded Connection

2、法兰式(此油口法兰连接)Flanged Connection

型号 Model	尺寸 Size (mm)												
	L1	L2	L3	H	M	D	A	B	C1	C2	C3	h	d
TF-25×*L C Y	93	78	36	25	M22×1.5	φ62	80	60	45	42	42	9.5	φ9
TF-40×*L C Y	110				M27×2								
TF-63×*L C Y	138	98	40	33	M33×2	φ75	90	70.7	54	47		10	
TF-100×*L C Y	188				M42×2								
TF-160×*L C Y	200	119	53	42	M48×2	φ91	105	81.3	62	53.5		12	φ11

型号 Model	尺寸 Size (mm)															
	L1	L2	L3	H	D1	D	a	b	n	A	B	C1	C2	C3	h	d	Q
TF-250×*L C Y	270	184	55	65	φ90	φ91	70	40	M10	105	81.3	72.5	53.5		12	φ11	φ60
TF-400×*L C Y	275	141	60	50	φ65	φ110	90	50		125	95.5	82.5	61		15		φ73
TF-630×*L C Y	325																
TF-800×*L C Y	385					φ140	120	70		160	130	100	81		15		φ102
TF-1000×*L C Y	485																
TF-1300×*L C Y	680																

注:*为过滤精度,若使用介质为水一乙二醇,公称流量160L/min,过滤精度80μm,带ZS-I型发讯器,则过滤器型号为TF·BH-160x80L-C,滤芯型号为TFX·BH-160x80。

Note: * indicates the filtration accuracy. If the medium used is water-ethylene glycol, the nominal flow rate is 160L/min, the filtration accuracy is 80μm, and it is equipped with a ZS-I type transmitter, the filter model is TF·BH-160x80L-C and the filter element model is TFX·BH-160x80.

TFA 系列吸油过滤器

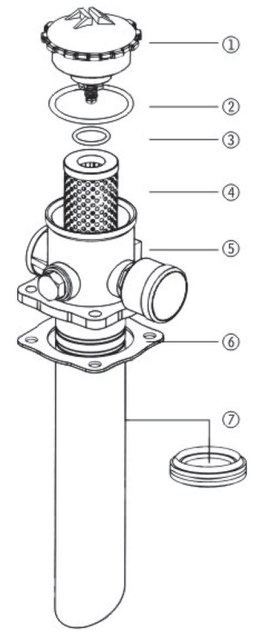
TFA Series Suction Filters

简介

本过滤器仅可安装在油箱的上部,吸油筒体浸入油箱内液面以下
其它性能均与TF系列相似,但无自封阀。

INTRODUCTION

The TFA series filter only can be installed on the top of the tank; the filterbowl should be under oil level. The other capability is similar to TF series, butTFA series don't have a check valve.





序号 Number	名称 Name	说明 Note
1	滤盖组件 Cap Components	
2	0形密封圈 0-ring	易损件 Wearing parts
3	0形密封圈 0-ring	易损件 Wearing parts
4	滤芯 Element	易损件 Wearing parts
5	壳体 Housing	
6	密封垫 Seal	易损件 Wearing parts
7	密封圈 Seal	易损件 Wearing parts

型号说明MODEL CODE

TF· □ — □ × □□ × □

吸油过滤器 Suction filter

BH:介质为水一乙二醇 Water-glycol
省略:介质为一般液压油 0mit if use hydraulic oil

公称流量(L/min)Flow rate

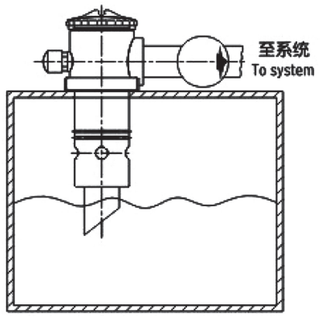
Y:带ZKF-I型发讯器≤DC24V With ZKF-Iindicator
C:带ZS-I型发讯器≤220v With ZS-Iindicator
省路:不带发讯器 0mit ifwithout indicator

L:出油口为螺纹连接Threaded connection
F:出油口为法兰连接Flanged connection

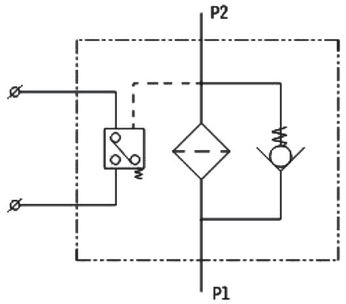
过滤精度(μm)Filtration accuracy

AC

安装示意
MOUNTING GUIDE



技术参数
TECHNICAL DATA
同TF系列，滤芯型号相同



连接尺寸 MOUNTING SIZE

1、管式出油口螺纹连接)Threaded Connection

2、法兰式(此油口法兰连接)Flanged Connection

表一、TFA-25-160螺纹式连接尺寸Table1:TFA-25-160 Threaded connection

型号 Model	尺寸 Size (mm)												
	L1	L2	L3	H	M	D	A	B	C1	C2	C3	h	d
TFA-25×*L C/Y	93	78	36	25	M22×1.5	φ62	80	60	45	42	42	9.5	φ9
TFA-40×*L C/Y	110				M27×2								
TFA-63×*L C/Y	138	98	40	33	M33×2	φ75	90	70.7	54	47		10	
TFA-100×*L C/Y	188				M42×2								
TFA-160×*L C/Y	200	119	53	42	M48×2	φ91	105	81.3	62	53.5		12	φ11

表二、TFA-250~800法兰式连接尺寸Table 2:TFA-250~800Flanged Connection

型号 Model	尺寸 Size (mm)															
	L	L1	H	D1	D	a	b	n	A	B	C1	C2	C3	h	d	Q
TAF-250×*L C/Y	670	119	42	φ50	φ91	70	40	M10	105	81.3	72.5	53.5		12	φ11	φ60
TFA-400×*L C/Y	725	141	50	φ65	φ110	90	50		125	95.5	82.5	61		15		φ73
TFA-630×*L C/Y	825	184	65	φ90	φ140	120	70		160	130	100	81		15		φ102
TFA-800×*L C/Y	885															

注:本产品所需的出油口法兰，安装连接螺栓及密封垫圈等配件均和本产品配套提供，用户只需准备好Q的管子焊上即可。发讯器连接口为MI8x1.5 不需带发讯器者可提供丝堵。

Note: The outlet flange,seal, screw used for this series wllbe supied by our pliant;the customer ny ned welding steel twbe Q. Connection of the indicator is M18 x 15; without an indicator, a plug with thread will be supplied.

WU XU 系列吸油过滤器

WU XU Series Oil Suction Filter

简介

该过滤器属于粗过滤器，一般安装在油泵的吸油口处，用以保护油泵避免吸入较大的机械杂质。该过滤器结构简单，通油能力大阻力小，并设有管式、法兰式连接，分网式、线隙式两种。

INTRODUCTION

This kind of filter is rough filter and can be installed at the inlet of the pump andcan protect the pump not to in breathe the bigger impurity, The filter is simple designed. It's easy to let oil go through and it has small resistance. it also has threaded connection and flanged connection. This kind of filter can be divided into wire mesh filter and notched wire filter.



□□·□—□×□□—J

- 吸油口用Suction code
- 省路:管式 None: thread
  F:法兰式 Flange
- 过滤精度(μm)
  Filtration accuracy
- 公称流量(L/min)Flow rate
- WU:网式过滤器 Wire mesh filter
  XU:线隙式过滤器 Notched wire filter
- I:带旁通阀 With by-pass valve
  省略:不带旁通阀
  Omit if without by-pass valve
- BH:介质为水一乙二醇 Water-glycol
  省路:一般液压油 0mit is use hydraulic oil

技术参数 TECHNICAL DATA

1、WXU网式与线隙式 Wire mesh and Notched wire

型号 Model	通径 Dia. (mm)	公称流量 Flow rate (L/min)	原始压力损失 Initial △P (MPa)	过滤精度 Filtr. (μm)	旁通阀开启压力 By-pass valve setting (MPa)	连接方式 Connecting
WXU-16×*-J	12	16	≤0.01	80 100 180 (仅wu)	0.02	管式 Thread
WXU-25×*-J	15	25				
WXU-40×*-J	20	40				
WXU-63×*-J	25	63				
WXU-100×*-J	32	100				
WXU-160×*-J	40	160				
WXU-225×*-G-J	50	225				
WXU-250×*-F-J	50	250				法兰式 Flange
WXU-400×*-F-J	65	400				
WXU-630×*-F-J	80	630				
WU-800×*-G-J	63	800				管式 Thread
WU-1000×*-G-J	76	1000				

注:* 为过滤精度，若使用介质为水一乙二醇，带旁通阀，公称流量100L/min，过滤精度80μm，则过滤器型号为:
WUI·BH-100x*-J
XUI·BH-100x*-J

Note:*is filtration accuracy, If the medium is water-glycol, flowrate is 100L/min,filtration accuracy is 80 μm, with by-valve, the model of this filter is
WUI·BH-100x*-J
XUI·BH-100 x*-J

AC

连接尺寸 MOUNTING SIZE

1、WU系列(两式)Wire mesh

型号 Model	尺寸Size (mm)			
	H	D	M(d)	d1
WU-16X*-J	84	φ35	M18×1.5	
WU-25X*-J	104	φ43	M22×1.5	
WU-40X*-J	124		M27×2	
WU-63X*-J	103	φ70	M33×2	
WU-100X*-J	153		M48×2	
WU-160X*-J	200	φ82	M48×2	
WU-225X*-J	165	φ150	G2	
WU-250X*-J	182	φ88	φ50	φ74
WU-400X*-J	229	φ105	φ65	φ93
WU-630X*-J	281	φ118	φ80	φ104
WU-800X*-J	340	φ150	G2 1/2	
WU-1000X*-J	430	φ150	G3	

2、XU系列(线隙式) Notched wire

型号 Model	尺寸Size (mm)			
	H	D	M(d)	d1
XU-6X*-J	73	φ56	M18×1.5	
XU-10X*-J	104			
XU-16X*-J	158			
XU-25X*-J	125	φ75	M22×1.5	
XU-40X*-J	198		M27×2	
XU-63X*-J	186	φ99	M33×2	
XU-100X*-J	288		M42×2	
XU-160X*-J	368	φ118	M48×2	
XU-250X*F-J	422	φ162	φ50	φ74
XU-400X*F-J	491	φ222	φ65	φ93
XU-630X*F-J	659	φ252	φ80	φ104

3、连接法兰，请用户参照下列尺寸加工 Please manufacture the connecting flange as follows

型号 Model	尺寸Size (mm)										法兰用'0'形圈 'O' ring for flange	法兰用螺钉(4只) Screw for flange
	A	B	C	D	$D1^{+0.06}_{+0}$	$D2^{+0.2}_{+0}$	D3	d	$E^{0}_{-0.1}$	4-φ		
WU-250X*F-J	φ86	15	9	φ50	φ60	φ54	φ60	φ74	2.4	6.7	φ60×3.1	M6×25
XU-250X*F-J												
WU-400X*F-J	φ105			φ65	φ75	φ70	φ76	φ93			φ75×3.1	
XU-400X*F-J												
WU-630X*F-J	φ118			φ80	φ90	φ85	φ91	φ104			φ90×3.1	
XU-630X*F-J												

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