



DELI
ELECTROMECHANICAL HYDRAULIC



ISO9001:2008国际质量体系认证企业
Authenticated Enterprise by ISO9001:2008

YFS系列液压阀门试验台
Hydraulic Valve Test Bench of YFS Series



产品样本
Product Catalogue



永嘉县得利机电液压实业公司
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永嘉县得利机电液压实业公司
YONGJIA DELI ELECTROMECHANICAL HYDRAULIC INDUSTRY CO.



得利产品展示



YFS-Z型 液压阀门试验台
Hydraulic Valve Test Bench of Model YFS-Z



YFS-Z型 液压阀门试验台 (高低水泵)
High and Low Pressure Water Pumps of
Hydraulic Valve Test Bench of Model YFS-Z



YFS-Z500型 液压阀门试验台
Hydraulic Valve Test Bench of Model YFS-Z500



YFS-Z300型 液压阀门试验台 (带电动葫芦臂)
Hydraulic Valve Test Bench of Model YFS-Z300
(with Electric Hoist)



YFS-ZC型 液压阀门试验台 (沉水式)
Hydraulic Valve Test Bench of Model YFS-ZC (Submerged Type)



YFS-ZD型 液压阀门试验台
Hydraulic Valve Test Bench of Model YFS-ZD



YFS-D型 液压调节阀试验台
Hydraulic Control Valve Test Bench of Model YFS-D



YFS-t型 液压井口采油树装置试验台
Hydraulic Wellhead Tree Device Test Bench
of Model YFS-t

Show of Deli's Products



YFS-DL1600型 液压蝶阀试验台
Hydraulic Butterfly Valve Test Bench
of Model YFS-DL1600



YFS-DL300/800型 液压蝶阀试验台 (套式)
Hydraulic Butterfly Valve Test Bench of Model
YFS-DL300/800 (Combined Type)



YFS-D300型 智能型液压阀门试验台
Intelligent Type Hydraulic Valve Test
Bench of Model YFS-D300



YFS-D900型 液压阀门试验台
Hydraulic Valve Test Bench
of Model YFS-D900



PZ-L200型 核电蝶阀压力测试机 (整机不锈钢)
Nuclear Power Butterfly Valve Pressure Testing
Machine of Model PZ-L200 (All Stainless Steel)



YFS-A100/300型 智能型液压安全阀试验台 (套式)
Intelligent Type Hydraulic Safety Valve Test
Bench of Model YFS-A100/300(Combined Type)



PZ-600t型 阀门压力测试机
Valve Pressure Testing Machine
of Model PZ-600t



PZ-1000t型 阀门压力测试机
Valve Pressure Testing Machine
of Model PZ-1000t



得利产品展示



YFS-DX型 液压低压闸阀试验台 (自动线)
Hydraulic Low Pressure Gate Valve Test Bench of Model YFS-DX (Automatic Production Line)



PLC控制及远程监控室
PLC Control and Remote Monitoring Room



YFS-DL300/600型 液压对夹式止回阀试验台 (套式)
Hydraulic Wafer Type Check Valve Test Bench of Model YFS-DL300/600 (Combined Type)



PZ-L50型 阀门压力测试机 (立式, 螺杆式, 六工位)
Valve Pressure Testing Machine of Model PZ-L50 (Vertical and Screw Type, with 6 Working Positions)



YFS-L300型 液压阀门试验台 (立式, 油缸+螺杆式)
Hydraulic Valve Test Bench of Model YFS-L300 (Vertical Type, with both Oil Cylinder and Screw)



YFS-L型 液压阀门试验台 (套式)
Hydraulic Valve Test Bench of Model YFS-L (Set Type)



YFS-L200型 液压阀门试验台 (立式)
Hydraulic Valve Test Bench of Model YFS-L200 (Vertical Type)



YFS-L型 液压阀门试验台(组合式)
Hydraulic Valve Test Bench of Model YFS-L (Combined Type)

Show of Deli's Products



YFS-L/C300型 液压阀门试验台 (立式, 工作台90° 翻转沉水)
Hydraulic Valve Test Bench of Model YFS-L/C300 (Vertical and Water-submerged Type, with Workbench Turning by 90°)



YFS-L600/1200型 液压球阀封圈压机 (套式)
Hydraulic Ball Valve Seal Ring Pressing Machine of Model YFS-L600/1200 (Combined Type)



YFS-L600型 液压阀门试验台 (带拖板)
Hydraulic Valve Test Bench of Model YFS-L600 (with Base Plate)



QTMJ-80型 四头球体研磨机
Four-headed Ball Grinding Machine of Model QTMJ-80



YFMJ型 单头液压阀门研磨机
Single-headed Hydraulic Valve Grinding Machine of Model YFMJ



QTMJ-300型 双头球体研磨机
Double-headed Ball Grinding Machine of Model QTMJ-300



XM型 行星闸板研磨机
Planet Valve Wedge Grinding Machine of Model XM



XM型 平盘闸板研磨机
Bench Floor Wedge Grinding Machine of Model XM

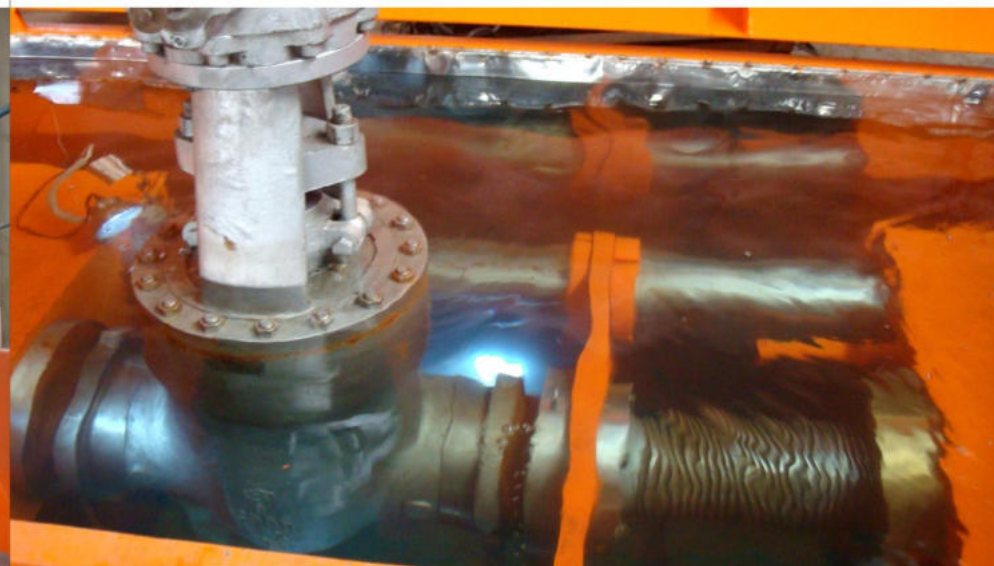


得利设备在用户现场

Deli's Machines at Customers'



>>中核苏阀科技实业股份有限公司



SUFA TECHNOLOGY INDUSTRY CO., LTD. OF CNNC





得利设备在用户现场

Deli's Machines at Customers'



>>伯特利阀门集团有限公司



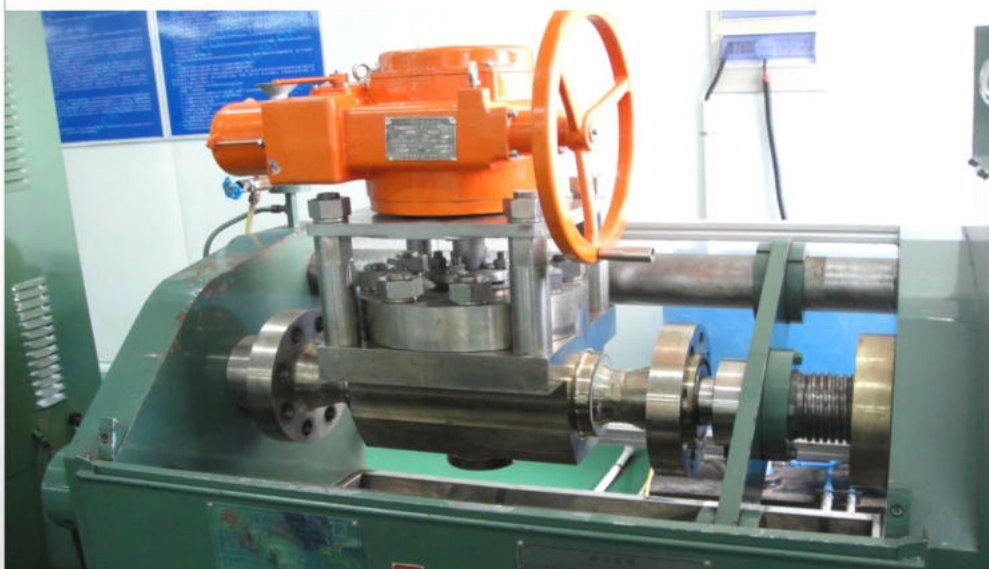
BOTELI VALVE GROUP CO., LTD.





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>>江苏神通阀门有限公司



JIANGSU SHENTONG VALVE CO., LTD.





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Deli's Machines at Customers'



>> 哈尔滨电站阀门有限公司



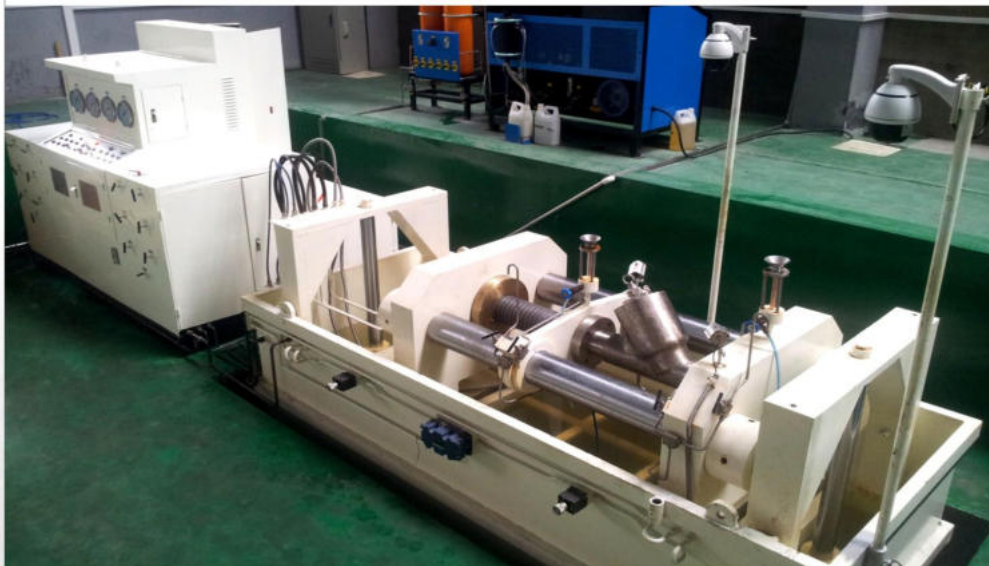
HARBIN POWER STATION VALVE CO., LTD.



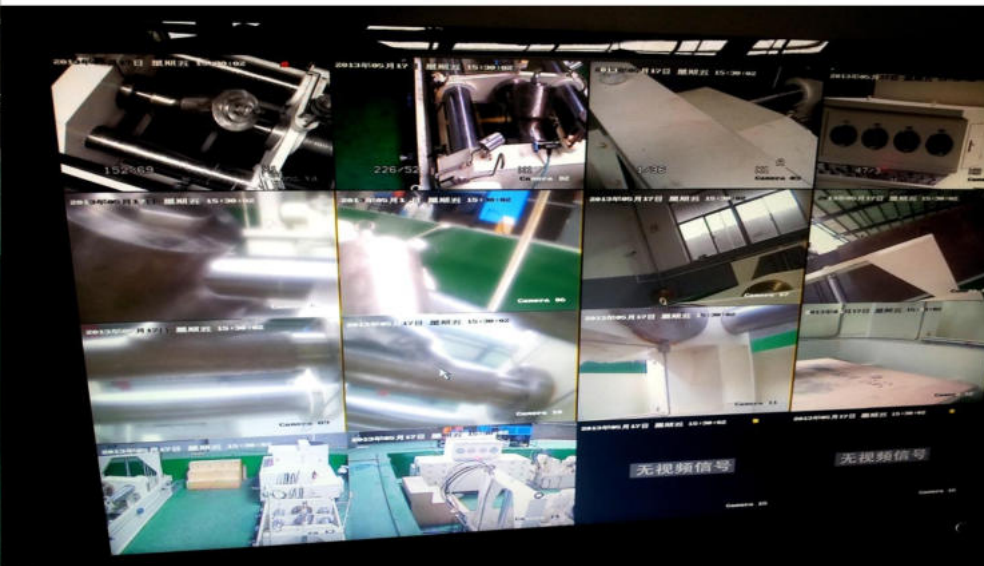


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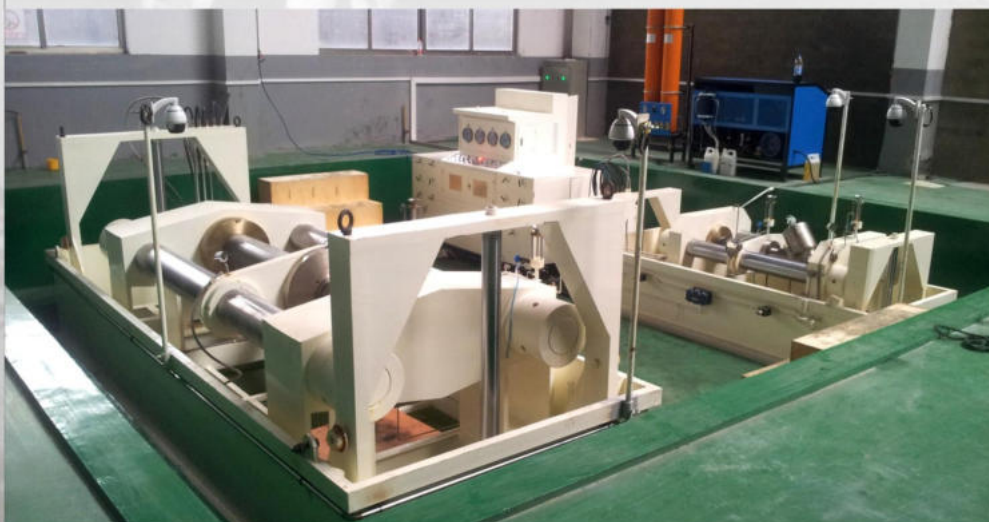
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>>上海纳福希阀门有限公司



SHANGHAI NORTH AMERICA VALVE CO., LTD.





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>>浙江欧维克阀门有限公司



ZHEJIANG OVIKO VALVE CO., LTD.





得利设备在用户现场

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>> 上海电力修造总厂有限公司



SHANGHAI POWER EQUIPMENT MANUFACTURE CO., LTD.





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使用单位: 江苏神通阀门有限公司 User: Jiangsu Shentong Valve Co., Ltd.
设备型号: YFS-Z500型智能型液压阀门试验台 (用于阀门压力性能测试和扭矩测试) Machine Model & Description: Intelligent Type Hydraulic Valve Test Bench of Model YFS-Z500 (for Testing Valves' Pressure Performance and Torque)



使用单位: 科福龙阀门集团有限公司 User: Koflow Valve Group Co., Ltd.
设备型号: 设备名称型号名称: YFS-Z800型 液压阀门试验台 (用于试压大口径平板阀) Machine Model & Description: Hydraulic Valve Test Bench of Model YFS-Z800 (for Testing Large Size Flat Gate Valves)



使用单位: 伟尔格普流体控制(苏州)有限公司 User: Weir Valves and Controls (Suzhou) Co., Ltd.
设备型号: YFS-D2200t型 液压阀门试验台 (用于试压大口径、高磅级球阀、抽气截止阀等) Machine Model & Description: Hydraulic Valve Test Bench of Model YFS-D2200t (for Testing Large Size and High Pressure Ball Valves, Extraction Check Valves etc.)



使用单位: 科福龙阀门集团有限公司 User: Koflow Valve Group Co., Ltd.
设备型号名称: YFS-DL3000型 液压蝶阀试验台 (用于试压大口径蝶阀) Machine Model & Description: Hydraulic Butterfly Valve Test Bench of Model YFS-DL3000 (for Testing Large Size Butterfly Valves)

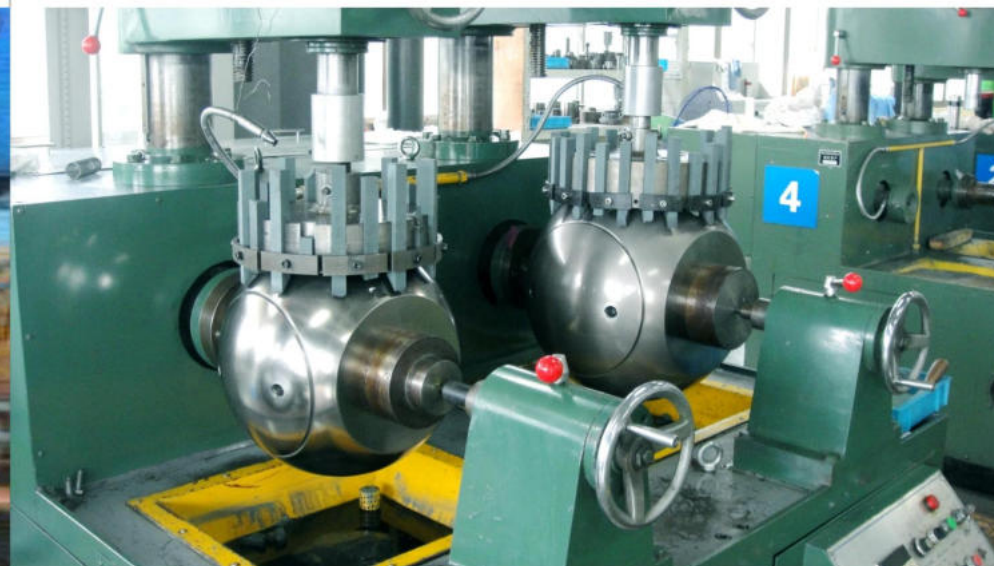


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>>江苏宏泰石化机械有限公司
JIANGSU HONGTAI PETROCHEMICAL MACHINERY CO., LTD.



>>工装自控工程(无锡)有限公司
KOSO CONTROL ENGINEERING(WUXI)CO., LTD.



公司简介 Brief Introduction

永嘉县得利机电液压实业公司创建于20世纪80年代,位于景色秀丽的国家级风景区楠溪江畔。公司专业生产阀门检测设备、阀门研磨设备和球体研磨设备,是中国阀门协会定点生产“楠溪江”牌液压阀门试验台和阀门研磨机系列产品的企业,是中国石油天然气集团公司一级供应网络成员单位,并于2001年9月通过ISO9001:2008国际质量体系认证。此外,公司于2007年6月申请获得自营进出口权。公司依靠科技求发展,依靠质量求效益,尊重专业知识人才,注重产品质量,通过不断的改进、创新和追求,强化质量管理,优化销售服务,确保提供用户满意的优质产品。

本公司生产的系列产品集高科技于一体,有效地将机械、液压、电器和介质循环结合在一起,具有结构合理、动作灵敏可靠、性能稳定、功能完善、操作方便等优点。其检测方法符合GB/T13927-2008《通用阀门压力试验》、JB/9092-99《阀门的检验和试验》和美国API598、6A、6D等标准要求,产品的性能及各项技术指标均领先于国内外同类产品,适用于各类高、中、低压阀门的强度试验和密封试验(介质为水、气、油)。产品广泛应用于阀门制造业阀门出厂前和石油、石化、天然气工程、水厂、电站等行业阀门安装前的检测。本公司产品畅销全国二十多个省市,并自营出口美国、加拿大、巴西、阿根廷、英国、德国、西班牙、俄罗斯、保加利亚、澳大利亚、日本、韩国、台湾、新加坡、印度尼西亚、印度、巴基斯坦、沙特阿拉伯、埃及、苏丹等全球二十余个国家和地区,深受国内外广大用户好评。

本公司本着“用户第一、质量第一、信誉第一”三大信念,竭诚为用户提供优质的阀门检测设备、阀门研磨设备及完善的售后服务。欢迎海内外广大新老客户来电来函联系,敬请光临选用“楠溪江”牌系列产品。



欢迎来电垂询联系,敬请光临选用“楠溪江”牌系列产品。

Yongjia Deli Electromechanical Hydraulic Industry Co., established in 1980s, specializes in manufacturing valve test benches, valve grinding machines, and globe grinding machines. Our company is located on the bank of the beautiful river Nanxijiang, which is one of the most famous nation level scenic areas in China. It is the enterprise nominated to manufacture serial products of hydraulic valve test benches and valve grinding machines of the brand "Nanxijiang" by China Valve Association. Our company is also one of the members of the class-1 supplying network of the China Petroleum & Natural Gas Group Corporation, and passed the authentication of ISO9001:2008 in September, 2001. Besides, we have obtained the right of product import & export in June, 2007. Our company attaches importance to product quality and respects professional technology and personnel. The company develops depending on science and technology, high product quality, constant product innovation and upgrading.

The serial products that our company produces are of high-tech, for they unite mechanical system, hydraulic system, electric system and testing medium circulating system together effectively. They are rational in configuration, ingenious and reliable in motion, high in degree of automation and good in performance. The testing methods of the valve test benches completely conform to the requirements of the following standards, China National Standard of GB/T13927-2008 "Pressure Testing of General Valves", China Mechanical Industry Standard of JB/T9092-99 "Valve Inspecting and Testing", American Standards of API598, 6A, 6D etc. Both the performance and the technical indexes of our products keep ahead in the Chinese domestic market, or even in the international market. The products of our company are applied to perform shell test and seat test (The testing medium can be water, gas or oil.) of all kinds of high, medium and low pressure valves. The products have wide application in the valve testing of valve manufacturing enterprises, petroleum and petrochemical industries, natural gas projects, waterworks, power stations etc., before their valves leave factory or are installed. Heretofore our products have been prevailing around China, and exported to more than twenty foreign countries and regions around the world, for instance, USA, Canada, Brazil, Argentina, UK, Germany, Spain, Russia, Bulgaria, Australia, Japan, Korea, Taiwan, Singapore, Indonesia, India, Pakistan, Saudi Arabia, Egypt, Sudan etc., and gained good valuation from both domestic and overseas customers.

We persevere in these three faiths "Customers First, Quality First, and Credit First" constantly, and try our utmost to provide perfect products and flawless after service for the customers wholeheartedly. Welcome customers, old and new, domestic and overseas, to contact us or pay a visit to our company, and select our serial products of the brand "Nanxijiang" for use!

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NANXIJIANG

YONGJIA DELI
ELECTROMECHANICAL HYDRAULIC
INDUSTRY CO.,



YFS-Z型 液压阀门试验台

Hydraulic Valve Test Bench of Model YFS-Z

一、概述

YFS-Z型 液压阀门试验台专门用于检测各类法兰式阀门,如闸阀、球阀、截止阀、止回阀等。该设备由机械系统、液压系统、电器系统以及介质循环系统四部分优化设计而成,装夹过程全部由电器元件和液压元件控制。测试介质:水、气、油,最大液体强度试验压力为48MPa。该型号试验台具有结构合理紧凑、功能完善、性能稳定可靠、自动化程度高、工艺先进等优点。

其重要特点是,夹爪直接夹紧法兰,对阀体没有外力影响。试验台一端可移动,因此试压时不受阀门结构长度限制。试压时,夹紧被试阀两端法兰,将介质压力增压至强度试验所需压力,对阀体、阀盖和中法兰进行强度试验。试验台另一端可翻转90度进行密封试验和气密试验。该试验台检测方法完全符合GB/T13927-2008《通用阀门压力测试》,JB/T9092-99《阀门的检验和试验》以及美国API598等标准要求。

1. Summary

The hydraulic valve test benches of model YFS-Z are specially applied to test all kinds of flanged valves, such as gate valves, ball valves, stop valves etc. The test bench is effectively composed of four parts, that is, mechanical system, hydraulic system, electric system and testing media cycling system. The entire process of the emplacing and clamping of the valve to be tested is completely controlled by electric components and hydraulic components. The testing medium can be water, gas or oil. And the maximum testing pressure of liquid intensity test is 48Mpa. Test benches of this model are of the following features, such as rational and compact in configuration, flawless in function, steady and reliable in performance, high in degree of automation, advanced in technics and so on.

What is important, the test benches of this model have no effect of external force upon the valve body, because the clamping jaw clamp directly on the flange of the valve. One side of the test bench can be moved, thus the testing won't be restricted by the structural length of the valve to be tested. When testing valves, clamp the flange on the both sides of the valve to be tested, pressurize to the necessary pressure of the medium's intensity test and perform shell test on the valve body, valve cover and middle flange. And the other side of the test bench can be reversed by 90 degrees to perform seat test and air tightness test. The testing methods of the test bench conform completely to the requirements of the following standards, GB/T13927-2008 "Pressure testing of general valves" JB/T9092-99 "Valve inspection and testing" and the American standard of API 598, 6A, 6D etc.



01 得利机电液压
Deli Electromechanical Hydraulic



YFS-Z型 液压阀门试验台

Hydraulic Valve Test Bench of Model YFS-Z

二、技术参数 Technical Parameters

设备型号 Machine Model	结构形式 Structural Style	试压范围 Testing Range	工作盘间距 Spacing between Working Plates	夹爪行程和升降 Stroke & Lift Range of Clamping Jaws	夹紧油缸内径及数量 Inner Diameter & Quantity of Clamping Cylinders	最大夹紧力 Max. Clamping Force	油泵电机(6极) Electromotor of Oil Pump (6 Poles)	外形尺寸 Outline Dimensions (L x W x H)
YFS-Z100型	单体 Single	DN15-100	170-700mm	125 x 52mm	φ80mm x 3	30t	2.2 KW	2300 x 1080 x 1050mm
YFS-Z200型	单体 Single	DN50-200	250-900mm	156 x 62mm	φ100mm x 3	50t	2.2 KW	2700 x 1240 x 1230mm
YFS-Z300型	单体 Single	DN80-300	300-1150mm	200 x 75mm	φ140mm x 3	90t	3.0 KW	3050 x 1360 x 1300mm
YFS-Z400型	单体 Single	DN150-400	400-1400mm	200 x 80mm	φ160mm x 3	120t	3.0 KW	3350 x 1580 x 1400mm
YFS-Z500型	单体 Single	DN250-500	450-1500mm	225 x 95mm	φ160mm x 4	160t	5.5 KW	3750 x 1620 x 1550mm
YFS-Z600型	单体 Single	DN300-600	450-1500mm	250 x 95mm	φ210mm x 4	260t	5.5 KW	3900 x 1700 x 1650mm
YFS-Z800型	分体 Split	DN400-800	550-1650mm	320 x 105mm	φ250mm x 4	350t	5.5 KW	5000 x 2900 x 1950mm
YFS-Z1000型	分体 Split	DN500-1000	650-1800mm	350 x 105mm	φ220mm x 6	450t	5.5 KW	5300 x 3100 x 2000mm

三、夹紧油缸压力对照表 Pressure Check List of Clamping Oil Cylinders

YFS-Z100型 Model YFS-Z100

公称通径 Nominal Diameter	公称压力 Nominal Pressure MPa/class																		
	1.6		2.5		5.0		6.4		10.0		16.0		20.0		25.0		32.0		
	150		300		400		600		900				1500						
	液压站压力 Pressure of Hydraulic Station																		
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
1/2"	DN15	2.0	3.0	2.0	3.0	2.0	3.0	2.5	3.5	3.0	4.0	3.0	4.0	3.5	4.5	4.0	5.0	4.5	6.0
3/4"	DN20	2.0	3.0	2.0	3.0	2.5	3.5	3.0	4.0	3.0	4.0	3.5	4.5	3.5	4.5	4.5	6.0	5.5	7.0
1"	DN25	2.0	3.0	2.5	3.5	2.5	3.5	3.0	4.0	3.5	4.5	4.5	5.5	5.5	7.0	6.0	8.0	7.5	10.0
1 1/4"	DN32	2.0	3.0	2.5	3.5	3.0	4.0	3.5	4.5	4.0	5.0	5.5	7.0	7.0	9.0	8.5	11.0	10.5	14.0
1 1/2"	DN40	2.0	3.0	2.5	3.5	3.0	4.0	3.5	4.5	4.5	6.0	6.5	8.5	8.5	11.0	10.0	13.0	12.0	16.0
2"	DN50	2.0	3.0	2.5	3.5	3.0	4.0	4.0	5.0	6.0	7.5	8.5	11.0	10.5	14.0	12.5	17.0	16.5	22.0
2 1/2"	DN65	2.5	3.5	3.0	4.5	3.5	5.0	5.5	7.0	8.0	10.5	12.0	16.0	15.0	20.0	18.0	25.0		
3"	DN80	3.0	3.5	3.5	4.5	5.0	6.5	7.5	10.5	11.0	14.5	17.0	22.0	20.5	28.0				
4"	DN100	3.5	4.0	4.5	5.5	6.5	7.5	10.0	14.5	15.5	21.0								

YFS-Z200型 Model YFS-Z200

公称通径 Nominal Diameter	公称压力 Nominal Pressure MPa/class																		
	1.6		2.5		5.0		6.4		10.0		16.0		20.0		25.0		32.0		
			150		300		400		600		900				1500				
	液压站压力 Pressure of Hydraulic Station																		
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
2"	DN50	2.5	3.0	2.5	3.0	3.0	3.5	3.0	3.5	3.0	4.0	5.0	6.5	6.0	8.0	7.0	9.0	9.0	12.0
2 1/2"	DN65	2.5	3.0	3.0	3.5	3.0	3.5	3.5	4.5	5.0	6.5	7.5	10.0	9.0	12.0	11.0	15.0	14.0	19.0
3"	DN80	2.5	3.0	3.0	3.5	3.0	4.0	5.0	6.5	7.5	10.0	11.0	15.0	13.5	18.0	16.5	22.0	20.5	27.0
4"	DN100	2.5	3.0	3.0	4.0	4.5	6.0	6.5	8.5	10.0	13.0	15.0	20.0	18.0	24.0	22.0	29.0		
5"	DN125	3.0	3.5	3.5	4.5	5.5	7.0	8.5	11.0	12.5	17.0	19.0	26.0						
6"	DN150	3.5	4.5	5.0	7.0	8.0	10.0	12.0	16.0	18.5	25.0								
8"	DN200	5.5	7.0	8.0	10.0	12.0	16.0	19.0	25.0										

注: PN-表示密封试压时的油缸压力, PS-表示强度试压时的油缸压力

PN- denotes the pressure of the oil cylinder when performing seat test; PS- denotes the pressure of the oil cylinder when performing shell test

得利机电液压 02
Deli Electromechanical Hydraulic



YFS-Z型 液压阀门试验台

Hydraulic Valve Test Bench of Model YFS-Z

YFS-Z300型 Model YFS-Z300

公称通径 Nominal Diameter	公称压力 Nominal Pressure MPa/class																	
	1.6		2.5		5.0		6.4		10.0		16.0		20.0		25.0		32.0	
	150		300		400		600		900		1500							
液压站压力 Pressure of Hydraulic Station																		
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	
3"	DN80	2.0	3.0	2.5	3.5	3.0	3.5	3.0	4.0	4.0	5.0	6.0	7.5	7.0	9.0	8.5	11.0	
4"	DN100	2.5	3.5	2.5	3.5	3.0	3.5	3.5	4.5	5.5	7.0	8.0	10.0	10.0	13.0	12.0	16.0	
5"	DN125	3.0	3.5	3.0	3.5	3.5	4.5	4.5	6.0	7.0	9.0	10.0	13.0	13.0	16.5	15.0	20.0	
6"	DN150	3.0	3.5	3.5	4.0	4.5	5.5	6.0	8.0	9.0	12.0	14.0	19.0	18.0	23.5	22.0	29.0	
8"	DN200	3.0	4.0	4.5	6.0	7.0	9.0	10.0	13.0	15.0	20.0	23.0	30.0					
10"	DN250	4.0	5.0	6.0	8.0	9.0	12.0	14.0	18.5	20.5	28.0							
12"	DN300	5.5	7.0	8.5	11.0	13.0	17.0	19.0	26.0									

YFS-Z400型 Model YFS-Z400

公称口径 Nominal Diameter	公称压力 Nominal Pressure MPa/class																	
	1.0		1.6		2.5		5.0		6.4		10.0		16.0		20.0		25.0	
					150		300		400		600		900					
液压站压力 Pressure of Hydraulic Station																		
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	
6"	DN150	3.0	3.5	3.0	3.5	3.5	4.0	4.0	5.0	6.0	8.0	8.0	11.0	13.0	17.0	18.0	22.0	
8"	DN200	3.0	3.5	3.0	3.5	3.5	4.0	5.0	6.5	7.5	10.0	11.0	15.0	17.0	23.0	21.5	29.0	
10"	DN250	3.0	3.5	3.5	4.0	5.0	6.5	7.5	9.5	11.0	14.0	16.5	22.0					
12"	DN300	3.5	4.0	4.5	6.0	7.0	9.5	10.0	13.0	15.0	20.0	22.5	29.5					
14"	DN350	4.0	5.0	5.5	7.0	8.5	11.0	12.0	16.0	18.5	25.0							
16"	DN400	5.0	6.5	7.5	9.5	11.0	15.0	17.0	22.0									

YFS-Z500型 Model YFS-Z500

公称口径 Nominal Diameter	公称压力 Nominal Pressure MPa/class																	
	1.0		1.6		2.5		5.0		6.4		10.0		16.0		20.0		25.0	
					150		300		400		600		900					
液压站压力 Pressure of Hydraulic Station																		
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	
10"	DN250	3.0	3.5	3.0	3.5	4.0	5.0	6.0	7.5	9.0	11.5	12.5	17.0	19.5	26.0	24.0	30.0	
12"	DN300	3.0	3.5	3.5	4.5	5.5	7.0	8.0	10.0	11.5	15.5	18.0	24.0					
14"	DN350	3.0	3.5	4.0	5.5	6.5	8.5	10.0	13.0	15.0	20.0	23.0	30.0					
16"	DN400	4.0	5.5	6.0	8.0	9.0	11.0	13.5	18.0	21.0	28.0							
18"	DN450	5.0	6.5	7.5	9.5	11.0	14.0	16.5	22.0									
20"	DN500	6.0	7.5	8.5	11.0	12.5	16.5	19.0	26.0									

YFS-Z600型 Model YFS-Z600

公称口径 Nominal Diameter		公称压力 Nominal Pressure												MPa/class							
		0.6		1.0		1.6		2.5		5.0		6.4		10.0		16.0		20.0			
								150		300		400		600		900					
		液压站压力 Pressure of Hydraulic Station																			
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS		
12"	DN300	2.0	3.0	2.5	3.5	3.0	4.0	3.5	4.5	5.0	6.5	7.5	10.0	12.0	16.0	18.0	24.0				
14"	DN350	2.0	3.0	2.5	3.5	3.0	4.0	4.5	6.0	7.0	9.5	10.0	13.0	15.5	21.0						
16"	DN400	2.5	3.5	3.0	4.0	4.0	5.0	6.0	8.0	9.0	11.5	13.5	18.0	20.0	27.0						
18"	DN450	3.0	3.5	3.5	4.5	5.0	6.5	7.5	9.5	10.5	14.0	16.5	22.0								
20"	DN500	3.0	3.5	4.0	5.0	6.0	7.5	8.5	11.0	12.5	16.5	19.0	26.0								
24"	DN600	3.5	4.5	5.0	6.0	7.5	9.5	11.0	14.5	18.0	24.0										

注: PN-表示密封试压时的油缸压力, PS-表示强度试压时的油缸压力

PN- denotes the pressure of the oil cylinder when performing seat test; PS- denotes the pressure of the oil cylinder when performing shell test



YFS-Z型 液压阀门试验台

Hydraulic Valve Test Bench of Model YFS-Z

YFS-Z800型 Model YFS-Z800

公称口径 Nominal Diameter		公称压力 Nominal Pressure										MPa/class									
		0.6		1.0		1.6		2.5		5.0		6.4		10.0		16.0		20.0			
								150		300		400		600		900					
		液压站压力 Pressure of Hydraulic Station																			
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS		
16"	DN400	3.0	3.5	3.5	4.5	4.0	5.0	5.0	6.0	6.0	8.0	9.0	12.0	14.0	18.0						
18"	DN450	3.0	4.0	4.0	5.0	5.0	6.0	5.5	7.0	7.5	10.0	11.0	15.0	17.0	22.0						
20"	DN500	4.0	5.0	5.0	6.0	5.5	7.0	6.0	8.0	9.0	12.0	14.0	18.0								
24"	DN600	5.0	6.0	5.5	7.0	6.0	8.0	7.5	10.0	12.0	16.0	18.0	24.0								
28"	DN700	5.5	7.0	6.5	8.0	7.0	9.0	10.0	13.0	15.0	20.0										
32"	DN800	6.5	8.0	7.0	9.0	8.5	11.0	13.0	17.0	19.0	25.0										

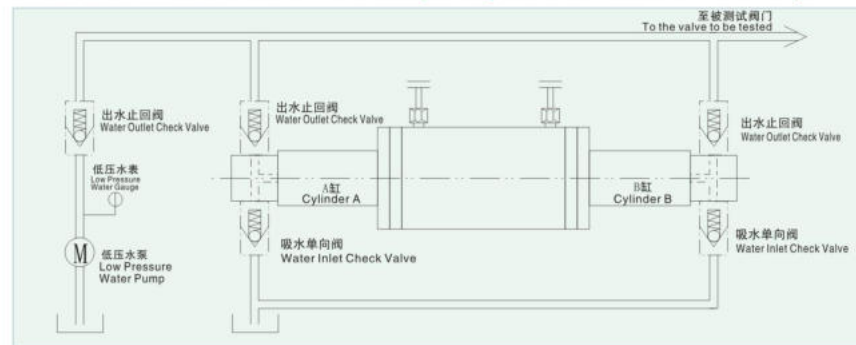
YFS-Z1000型 Model YFS-Z1000

公称口径 Nominal Diameter		公称压力 Nominal Pressure MPa/class																	
		0.3		0.6		1.0		1.6		2.5		5.0		6.4		10.0		16.0	
										150		300		400		600		900	
		液压站压力 Pressure of Hydraulic Station																	
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
20"	DN500	3.0	3.5	3.0	3.5	3.0	4.0	4.0	5.0	5.0	6.0	7.5	10.0	11.0	15.0				
24"	DN600	3.0	3.5	3.0	4.0	4.0	5.0	5.0	6.0	7.0	9.0	10.0	13.5	15.0	20.0				
28"	DN700	3.5	4.0	4.0	5.0	5.0	6.0	6.0	8.0	8.5	11.0	13.0	17.0	19.0	26.0				
32"	DN800	4.0	5.0	5.0	6.0	5.5	7.0	7.5	10.0	10.0	13.0	16.0	21.0						
36"	DN900	5.0	6.0	5.5	7.0	6.0	8.0	9.0	12.0	13.0	17.0	19.0	26.0						
40"	DN1000	5.5	7.0	6.0	8.0	7.0	9.0	11.0	14.0	16.0	21.0								

注: PN-表示密封试压时的油缸压力, PS-表示强度试压时的油缸压力

PN- denotes the pressure of the oil cylinder when performing seat test; PS- denotes the pressure of the oil cylinder when performing shell test

四、高压供水泵原理图 Schematic Drawing of High & Low Pressure Water Pumps





YFS-D型 液压阀门试验台

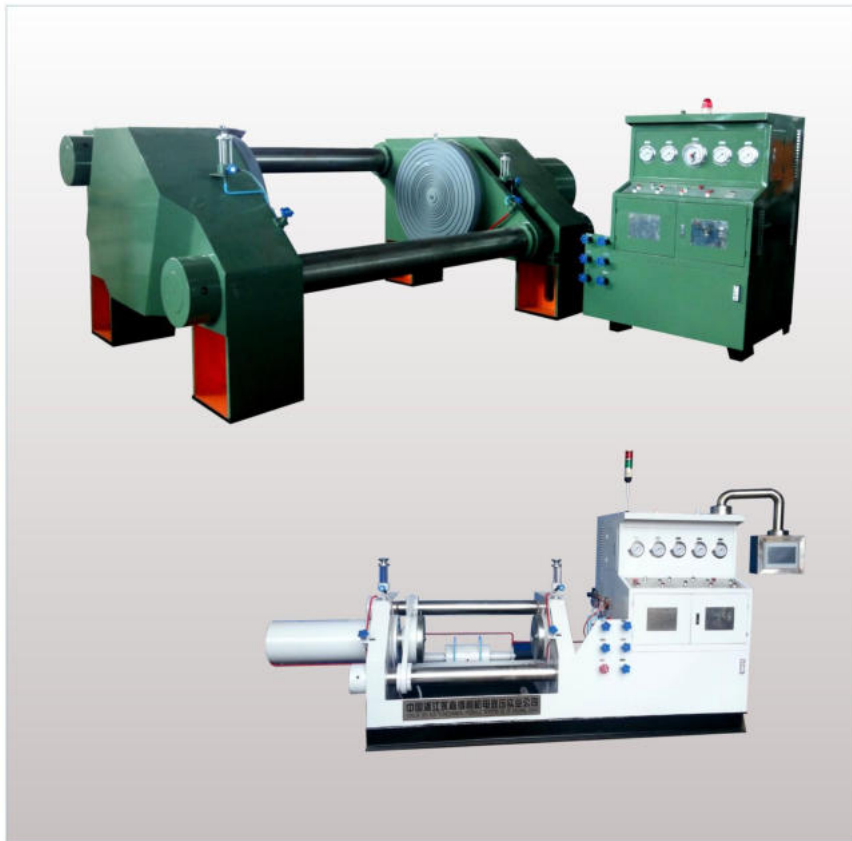
Hydraulic Valve Test Bench of Model YFS-D

一、概述

YFS-D型 液压阀门试验台专门设计用于测试焊接式阀门。该试验台配有特制的密封头和检漏装置，对焊接式阀门进行强度试验和密封试验。此外，该试验台还可以对法兰式、承插焊式、卡箍式、螺纹式等阀门进行强度试压和密封试压。对于高压和超高压阀门的测试，可根据用户需要进行特殊设计和制造。

1. Summary

The hydraulic valve test benches of model YFS-D are particularly designed to test welded end valves. The test bench equipped with special sealing plates and leak detection assembly can perform shell test and seat test on welded end valves. Besides, it can also perform shell test and seat test on flanged end valves, socket welded end valves, threaded end valves etc. As to test high or super high pressure valves, the test bench can be particularly designed and manufactured according to customers' special Valve testing requirements.



YFS-D型 液压阀门试验台

Hydraulic Valve Test Bench of Model YFS-D

二、技术参数 Technical Parameters

设备型号 Machine Model	结构形式 Structural Style	试压范围 Testing Range	密封头间距 Spacing between Sealing Plates	顶压油缸内径 Inner Diameter of Thrust Oil Cylinder	最大顶压力 Max. Clamping Force	油泵电机 Electromotor of Oil Pump	外形尺寸 Outline Dimensions (L x W x H)
YFS-D50型	单体 Single	DN15-50	100-500mm	φ 80mm	20t	2.2 KW	2000 x 900 x 1600mm
YFS-D100型	单体 Single	DN25-100	150-650mm	φ 160mm	60t	2.2 KW	2600 x 1000 x 1600mm
YFS-D200型	分体 Split	DN50-200	230-800mm	φ 200mm	100t	3.0 KW	2800 x 1100 x 1600mm
YFS-D300型	分体 Split	DN80-300	250-900mm	φ 250mm	150t	3.0 KW	3100 x 1200 x 1600mm
YFS-D400型	单体 Single	DN150-400	320-1000mm	φ 320mm	230t	5.5 KW	3600 x 2500 x 1700mm
YFS-D500型	分体 Split	DN200-500	380-1200mm	φ 380mm	320t	5.5 KW	3800 x 2600 x 1700mm
YFS-D600型	分体 Split	DN250-600	430-1400mm	φ 420mm	400t	5.5 KW	4000 x 2700 x 1700mm
YFS-D800型	分体 Split	DN300-800	480-1700mm	φ 500mm	550t	5.5 KW	4500 x 3000 x 1700mm
YFS-D1000型	分体 Split	DN400-1000	800-2100mm	φ 800mm	1500t	7.5KW	6600 x 3200 x 1700mm
YFS-D1200型	分体 Split	DN500-1200	1200-2600mm	φ 1000mm	2300t	11.0KW	7800 x 3500 x 1900mm
YFS-D1400型	分体 Split	DN600-1400	1500-3000mm	φ 1200mm	3300t	15.0KW	8500 x 4100 x 2200mm

三、压力对照表 Pressure Check List

YFS-D50型 Model YFS-D50

公称通径 Nominal Diameter	公称压力 Nominal Pressure										MPa/class										
	2.5		5.0		6.4		10.0		16.0		20.0		25.0		32.0		42.0				
	150		300		400		600		900				1500				2500				
	液压站压力 Pressure of Hydraulic Station																				
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
1/2"	DN15	3.0	3.5	3.0	3.5	3.5	4.5	5.0	6.5	6.0	8.0	7.0	9.0	8.0	11.0	10.0	13.0	13.0	17.0		
3/4"	DN20	3.0	3.5	3.5	4.5	4.0	5.0	6.0	8.0	7.0	9.0	8.0	11.0	10.0	13.0	12.0	15.0	15.0	20.0		
1"	DN25	3.5	4.5	4.0	5.5	5.0	7.0	7.0	9.0	8.0	11.0	11.0	14.0	13.0	16.0	15.0	19.0	18.5	25.0		
1 1/4"	DN32	4.0	5.5	5.0	6.5	6.5	8.5	7.5	10.0	10.0	13.0	12.0	15.0	14.0	17.0	18.0	22.0				
1 1/2"	DN40	5.0	6.5	6.5	9.0	8.0	11.0	10.0	13.0	13.0	16.0	16.0	19.0	18.0	22.0	21.0	26.0				
2"	DN50	6.0	8.0	8.0	11.0	10.0	13.0	13.0	16.0	15.0	18.0	19.0	23.0	22.0	27.0						

YFS-D100型 Model YFS-D100

公称通径 Nominal Diameter	公称压力 Nominal Pressure										MPa/class										
	2.5		5.0		6.4		10.0		16.0		20.0		25.0		32.0		42.0				
	150		300		400		600		900				1500				2500				
	液压站压力 Pressure of Hydraulic Station																				
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
1"	DN25					3.0	3.5	3.0	3.5	3.0	3.5	3.0	3.5	3.0	3.5	3.5	4.0	5.0	6.0	7.0	8.0
1 1/4"	DN32			3.0	3.5	3.0	3.5	3.0	3.5	3.0	3.5	3.5	4.0	3.5	4.5	4.0	5.5	5.5	7.0	7.0	8.0
1 1/2"	DN40			3.0	3.5	3.0	3.5	3.0	4.0	3.5	5.0	4.0	5.5	5.0	6.5	6.0	8.0	7.5	10.0	10.0	12.0
2"	DN50	3.0	3.5	3.0	4.0	3.5	4.0	3.5	4.5	4.0	5.5	5.0	6.5	6.0	8.0	7.0	9.0	9.0	12.0	12.0	15.0
2 1/2"	DN65	3.0	4.0	3.5	4.5	4.0	5.0	4.5	6.0	6.0	8.0	7.5	10.0	8.5	11.5	10.5	14.5	14.0	19.0	19.0	24.0
3"	DN80	4.0	5.0	4.5	6.0	5.5	7.0	6.0	8.0	8.0	12.0	10.5	14.5	13.0	17.5	15.5	21.5				
4"	DN100	5.0	6.0	5.5	7.0	7.0	9.0	8.0	10.5	12.0	16.0	15.0	19.0	17.0	23.0	22.0	29.0				

注：PN-表示密封试压时的油缸压力，PS-表示强度试压时的油缸压力

PN- denotes the pressure of the oil cylinder when performing seat test; PS- denotes the pressure of the oil cylinder when performing shell test



YFS-D型 液压阀门试验台

Hydraulic Valve Test Bench of Model YFS-D

YFS-D200型 Model YFS-D200

公称通径 Nominal Diameter		公称压力 Nominal Pressure																	
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YFS-D300型 Model YFS-D300

公称通径 Nominal Diameter		公称压力 Nominal Pressure MPa/class																	
		2.5		5.0		6.4		10.0		16.0		20.0		25.0		32.0		42.0	
		150		300		400		600		900				1500				2500	
		液压站压力 Pressure of Hydraulic Station																	
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
3"	DN80					3.5	4.0	4.0	4.5	4.5	5.0	5.0	6.0	5.5	7.0	7.0	9.0	9.0	12.0
4"	DN100			3.5	4.0	4.0	4.5	4.5	5.0	5.5	7.0	6.0	8.0	7.5	10.0	10.0	13.0	13.0	17.0
5"	DN125	3.5	4.0	4.0	4.5	4.5	5.0	5.0	6.0	7.0	9.0	8.0	11.0	10.0	13.0	13.0	17.0	16.5	22.0
6"	DN150	4.0	4.5	4.5	5.0	5.0	6.0	6.0	8.0	10.0	13.0	12.0	16.0	14.0	19.0	18.0	24.0		
7"	DN175	5.0	6.0	5.5	7.0	6.0	8.0	8.0	11.0	13.0	17.0	16.0	21.0						
8"	DN200	5.5	7.0	6.0	8.0	7.0	9.0	10.5	14.0	16.5	22.0								
10"	DN250	6.0	8.0	7.0	9.0	10.0	13.0	15.0	20.0										
12"	DN300	7.0	9.0	9.0	12.0	13.5	18.0	20.0	27.0										

YFS-D400型 Model YFS-D400

公称通径 Nominal Diameter	公称压力 Nominal Pressure MPa/class																		
	2.5		5.0		6.4		10.0		16.0		20.0		25.0		32.0		42.0		
	150		300		400		600		900				1500				2500		
	液压站压力 Pressure of Hydraulic Station																		
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
6"	DN150	3.0	3.5	4.0	4.5	4.5	5.0	5.0	6.0	6.0	8.0	7.5	10.0	9.0	12.0	11.0	15.0	15.0	20.0
7"	DN175	3.0	4.0	4.5	5.0	5.0	6.0	5.5	7.0	8.0	10.5	10.0	13.0	12.0	16.0	15.0	20.0	20.0	27.0
8"	DN200	3.5	4.5	5.0	6.0	5.5	7.0	7.0	9.0	10.0	13.0	12.0	16.0	15.0	20.0	19.0	25.0		
10"	DN250	4.0	5.0	5.5	7.0	7.0	9.0	10.0	13.0	14.0	19.0	18.0	24.0	21.0	28.0				
12"	DN300	4.5	5.5	6.0	8.0	9.0	12.0	13.0	17.0	19.0	26.0								
14"	DN350	5.0	6.5	7.5	10.0	10.5	14.0	16.5	22.0										
16"	DN400	6.5	8.5	9.0	12.0	14.0	19.0	21.0	28.0										

注: PN-表示密封试压时的油缸压力, PS-表示强度试压时的油缸压力

PN-denotes the pressure of the oil cylinder when performing seat test; PS-denotes the pressure of the oil cylinder when performing shell test



YFS-D型 液压阀门试验台

Hydraulic Valve Test Bench of Model YFS-D

YFS-D500型 Model YFS-D500

公称通径 Nominal Diameter	公称压力 Nominal Pressure																		
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YFS-D600型 Model YFS-D600

公称通径 Nominal Diameter		公称压力 Nominal Pressure MPa/class																	
		2.5	5.0	6.4	10.0	16.0	20.0	25.0	32.0	42.0									
		150	300	400	600	900	1500	2500											
		液压站压力 Pressure of Hydraulic Station																	
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
10"	DN250	3.5	4.0	4.0	4.5	5.0	6.0	6.0	8.0	9.0	12.0	11.0	14.0	13.0	17.0	16.5	22.0	20.0	27.0
12"	DN300	4.0	4.5	4.5	5.0	5.5	7.0	7.5	10.0	12.0	16.0	19.0	18.0	19.0	25.0				
14"	DN350	4.5	5.0	5.0	6.0	7.0	9.0	10.0	13.0	16.0	21.0								
16"	DN400	5.0	6.0	6.0	7.5	8.5	11.0	13.0	17.0	19.0	26.0								
18"	DN450	5.5	7.0	7.0	9.0	11.0	14.0	16.0	21.0										
20"	DN500	6.0	8.0	8.5	11.0	13.0	17.0	18.5	25.0										
24"	DN600	7.5	10.0	11.0	15.0	17.0	23.0												

YFS-D800型 Model YFS-D800

公称通径 Nominal Diameter		公称压力 Nominal Pressure										MPa/class									
		2.5	5.0	6.4	10.0	16.0	20.0	25.0	32.0	42.0											
		150	300	400	600	900		1500		2500											
液压站压力 Pressure of Hydraulic Station																					
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS		
12"	DN300			3.5	4.0	4.5	5.0	6.0	8.0	9.0	12.0	10.5	14.0	130	17.0	16.5	22.0	21.0	28.0		
14"	DN350			4.5	5.0	5.5	7.0	7.5	10.0	11.0	15.0	13.5	18.0	16.5	22.0	21.0	28.0				
16"	DN400	3.5	4.0	5.0	6.0	6.0	8.0	9.5	12.5	14.0	19.0	17.0	23.0								
18"	DN450	4.5	5.0	5.5	7.0	7.5	10.0	11.0	15.0	17.0	23.0										
20"	DN500	5.0	6.0	6.0	8.0	9.0	12.0	13.5	18.0	21.0	28.0										
24"	DN600	5.5	7.0	8.5	11.0	13.0	17.0	19.0	25.0												
28"	DN700	7.0	9.0	10.5	14.0	16.5	22.0														
32"	DN800	9.0	12.0	13.5	18.0	21.0	28.0														

注: PN-表示密封试压时的油缸压力, PS-表示强度试压时的油缸压力

PN-denotes the pressure of the oil cylinder when performing seat test; PS-denotes the pressure of the oil cylinder when performing shell test



YFS-D型 液压阀门试验台

Hydraulic Valve Test Bench of Model YFS-D

YFS-D1000型 Model YFS-D1000

公称通径 Nominal Diameter		公称压力 Nominal Pressure MPa/class																	
		2.5		5.0		6.4		10.0		16.0		20.0		25.0		32.0		42.0	
		150		300		400		600		900		1500				2500			
		液压站压力 Pressure of Hydraulic Station																	
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
16"	DN400					3.0	4.0	4.5	6.0	7.0	9.0	9.0	12.0	11.0	15.0	14.0	19.0	18.0	24.0
18"	DN450					4.0	5.0	6.0	8.0	8.5	11.0	11.0	15.0	13.5	18.5	16.5	22.0	21.5	29.0
20"	DN500			4.0	5.0	4.5	6.0	7.5	10.0	10.5	14.0	1.5	18.0	16.5	22.0	26.5	28.0		
24"	DN600			4.5	6.0	7.0	9.0	9.5	13.0	14.0	19.0	18.0	24.0	21.5	29.0				
28"	DN700	4.0	5.0	7.0	9.0	8.5	11.0	12.0	16.0	18.5	25.0	21.5	29.0						
32"	DN800	4.5	6.0	8.5	11.0	10.5	14.0	15.5	21.0	21.5	29.0								
36"	DN900	6.0	8.0	10.5	14.0	13.5	18.0	19.0	26.0										
40"	DN1000	7.0	9.0	12.0	16.0	16.5	22.0	21.5	29.0										

YFS-D1200型 Model YFS-D1200

公称口径 Nominal Diameter		公称压力 Nominal Pressure MPa/class																	
		2.5		5.0		6.4		10.0		16.0		20.0		25.0		32.0		42.0	
		150		300		400		600		900		1500				2500			
		液压站压力 Pressure of Hydraulic Station																	
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
20"	DN500							5.0	6.0	6.5	8.5	8.0	10.5	10.0	13.0	12.0	16.0	16.0	21.5
24"	DN600					5.0	6.0	6.0	8.0	8.5	11.5	11.0	14.5	13.5	18.0	16.5	22.0	21.5	29.0
28"	DN700	3.5	4.0	5.0	6.0	5.5	7.0	7.5	10.0	11.0	15.0	14.0	18.5	18.0	24.0				
32"	DN800	4.0	4.5	5.5	7.0	6.5	8.5	9.5	12.5	14.0	19.0	18.0	24.0						
36"	DN900	4.5	5.0	6.5	8.5	7.5	10.0	12.0	16.0	17.0	23.0								
40"	DN1000	5.0	6.0	7.5	10.0	9.5	12.5	14.0	18.5	20.0	27.0								
48"	DN1200	6.0	8.0	10.5	14.0	13.0	17.0	19.0	26.0										

YFS-D1400型 Model YFS-D1400

公称口径 Nominal Diameter		公称压力 Nominal Pressure MPa/class																	
		2.5		5.0		6.4		10.0		16.0		20.0		25.0		32.0		42.0	
		150		300		400		600		900		1500				2500			
		液压站压力 Pressure of Hydraulic Station																	
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
24"	DN600					3.0	4.0	4.5	6.0	7.0	9.0	8.5	11.0	10.5	14.0	12.0	17.0	17.0	23.0
28"	DN700					4.0	5.0	6.0	8.0	8.5	11.0	11.0	15.0	13.5	18.0	17.0	23.0	21.5	29.0
32"	DN800				4.0	5.0	5.5	7.0	7.5	10.0	10.5	14.0	14.0	19.0	18.0	24.0	21.5	29.0	
36"	DN900				4.5	6.0	6.0	8.0	9.0	12.0	13.5	18.0	17.0	23.0	21.5	29.0			
40"	DN1000	4.0	5.0	6.0	8.0	7.5	10.0	11.0	15.0	16.5	22.0								
48"	DN1200	4.5	6.0	8.0	11.0	11.0	15.0	15.0	20.0	21.5	29.0								
52"	DN1400	6.0	8.0	11.0	15.0	15.0	20.0	20.0	27.0										

注：PN-表示密封试压时的油缸压力，PS-表示强度试压时的油缸压力

PN- denotes the pressure of the oil cylinder when performing seat test; PS- denotes the pressure of the oil cylinder when performing shell test



YFS-L型 液压阀门试验台

Hydraulic Valve Test Bench of Model YFS-L

一、概述

YFS-L型 液压阀门试验台结构形式为立式。该设备采用爪夹与顶压相结合，适用于普通闸阀、球阀、截止阀、止回阀等法兰式端口阀门，以及小口径的端口焊接式阀门、承插焊阀门和螺纹式端口阀门的强度试压和密封试压。该试验台使用广泛、操作方便、效率高。

1. Summary

The hydraulic valve test benches of model YFS-L are vertical in structure. The machines combine the clamping jaws and the thrust oil cylinder, which are suitable for performing shell test and seat test on ordinary flanged end valves, such as gate, ball, globe and check valves, and small size butt welded end valves, socket welded end valves and threaded end valves. The machines are wild in use, easy in operation and high in efficiency.



二、技术参数 Technical Parameters

设备型号 Machine Model	试压范围 Testing Range	夹紧油缸内径及数量 Inner Diameter & Quantity of Clamping Cylinders	顶压油缸内径及数量 Inner Diameter & Quantity of Thrust Oil Cylinder	最大夹紧力 Max. Clamping Force	油泵电机(6极) Electromotor of Oil Pump (6 Poles)	外形尺寸 Outline Dimensions (L × W × H)
YFS-L100型	DN15-100	φ 80mm × 3	φ 120mm × 1	30t	2.2 KW	1710 × 700 × 1680mm
YFS-L200型	DN50-200	φ 100mm × 3	φ 150mm × 1	50t	2.2 KW	1800 × 700 × 1780mm
YFS-L300型	DN80-300	φ 140mm × 3	φ 210mm × 1	90t	3.0 KW	2100 × 800 × 1780mm



YFS-L型 液压阀门试验台

Hydraulic Valve Test Bench of Model YFS-L

三、压力对照表 Pressure Check List

YFS-L100型 Model YFS-L100

公称口径 Nominal Diameter		公称压力 Nominal Pressure										MPa/class							
		1.6	2.5	5.0	6.4	10.0	16.0	20.0	25.0	32.0									
		150	300	400	600	900		1500											
		液压站压力 Pressure of Hydraulic Station																	
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
1/2"	DN15	2.0	3.0	2.0	3.0	2.0	3.0	2.5	3.5	3.0	4.0	3.0	4.0	3.5	4.5	4.0	5.0	4.5	6.5
3/4"	DN20	2.0	3.0	2.0	3.0	2.5	3.5	3.0	4.0	3.0	4.0	3.5	4.5	3.5	4.5	4.5	6.0	5.5	7.0
1"	DN25	2.0	3.0	2.5	3.5	2.5	3.5	3.0	4.0	3.5	4.5	4.5	5.5	5.5	7.0	6.0	8.0	7.5	10.0
1 1/4"	DN32	2.0	3.0	2.5	3.5	3.0	4.0	3.5	4.5	4.0	5.0	5.5	7.0	7.0	9.0	8.5	11.0	10.5	14.0
1 1/2"	DN40	2.0	3.0	2.5	3.5	3.0	4.0	3.5	4.5	4.5	6.0	6.5	8.5	8.5	11.0	10.0	13.0	12.0	16.0
2"	DN50	2.0	3.0	2.5	3.5	3.0	4.0	4.0	5.0	6.0	7.5	8.5	11.0	10.5	14.0	12.5	17.0	16.5	22.0
2 1/2"	DN65	2.5	3.5	3.0	3.5	3.5	5.0	5.5	7.0	8.0	10.5	12.0	16.0	15.0	20.0	18.0	24.0		
3"	DN80	3.0	3.5	3.5	4.5	5.0	6.5	7.5	10.5	11.0	14.5	17.0	22.0	20.5	28.0				
4"	DN100	3.5	4.0	4.5	5.5	6.5	7.5	10.0	14.5	15.5	21.0								

YFS-L200型 Model YFS-L200

公称口径 Nominal Diameter		公称压力 Nominal Pressure										MPa/class							
		1.6	2.5	5.0	6.4	10.0	16.0	20.0	25.0	32.0									
		150	300	400	600	900		1500											
		液压站压力 Pressure of Hydraulic Station																	
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
2"	DN50	2.5	3.0	2.5	3.0	3.0	3.5	3.0	3.5	3.0	4.0	5.0	6.5	6.0	8.0	7.0	9.0	8.5	12.0
2 1/2"	DN65	2.5	3.0	3.0	3.5	3.0	3.5	3.5	4.5	5.0	6.5	7.5	10.0	9.0	12.0	11.0	15.0	14.0	19.0
3"	DN80	2.5	3.0	3.0	3.5	3.0	4.0	4.5	6.5	7.0	10.0	11.0	15.0	13.0	18.0	16.5	22.0	20.5	27.0
4"	DN100	2.5	3.0	3.0	4.0	4.5	6.0	6.5	8.5	9.0	13.0	15.0	20.0	18.0	24.0	22.0	29.0		
5"	DN125	3.0	3.5	3.5	4.5	5.5	7.0	8.5	11.0	12.0	17.0	19.0	26.0						
6"	DN150	3.5	4.5	5.0	7.0	8.0	10.0	12.0	16.0	18.0	25.0								
8"	DN200	5.0	7.0	8.0	10.0	12.0	16.0	19.0	25.0										

YFS-L300型 Model YFS-L300

公称口径 Nominal Diameter		公称压力 Nominal Pressure										MPa/class							
		1.6	2.5	5.0	6.4	10.0	16.0	20.0	25.0	32.0									
		150	300	400	600	900		1500											
		液压站压力 Pressure of Hydraulic Station																	
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
3"	DN80	2.0	3.0	2.5	3.5	3.0	3.5	3.0	4.0	4.0	5.0	6.0	7.5	7.0	9.0	8.5	11.0	10.5	14.5
4"	DN100	2.5	3.5	2.5	3.5	3.0	3.5	3.5	4.5	5.5	7.0	8.0	10.0	10.0	13.0	12.0	16.0	15.0	20.0
5"	DN125	3.0	3.5	3.0	3.5	3.5	4.5	4.5	6.0	7.0	9.0	10.0	13.0	13.0	16.5	15.0	20.0	19.0	26.0
6"	DN150	3.0	3.5	3.5	4.0	4.5	5.5	6.0	8.0	9.0	12.0	14.0	19.0	18.0	23.5	22.0	29.0		
8"	DN200	3.0	4.0	4.5	6.0	7.0	9.0	10.0	13.0	15.0	20.0	23.0	30.0						
10"	DN250	4.0	5.0	6.0	8.0	9.0	12.0	14.0	18.5	20.5	28.0								
12"	DN300	5.5	7.0	8.5	11.0	13.0	17.0	19.0	26.0										

注: PN-表示密封试压时的油缸压力, PS-表示强度试压时的油缸压力

PN- denotes the pressure of the oil cylinder when performing seat test; PS- denotes the pressure of the oil cylinder when performing shell test



YFS-DL型 液压蝶阀试验台

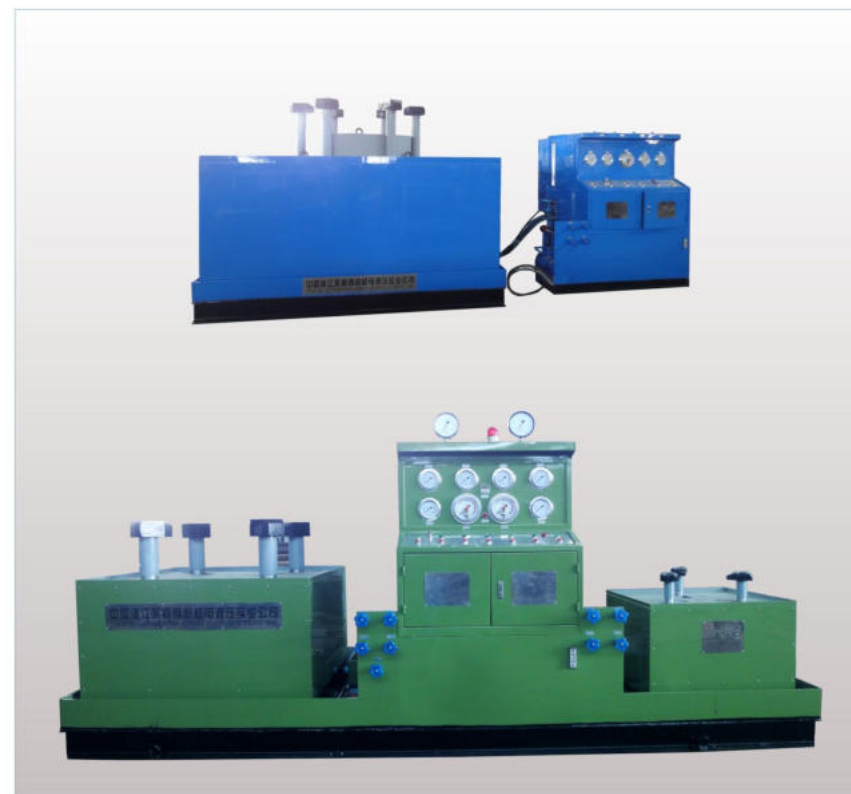
Hydraulic Butterfly Valve Test Bench of Model YFS-DL

一、概述

YFS-DL型 液压蝶阀试验台专用于蝶阀的强度试验和密封试验。该型号设备装夹方式采用夹具下拉式。结构形式有单式和套式两种, 单式即一个液压控制站控制一个工作台, 套式即一个液压控制站控制二个工作台。根据用户的试压范围要求进行选型、设计和制造。另外, 蝶阀试压专用的上下密封头和护圈由用户自制, 或由我司配齐, 但签订合同时费用另计。

1. Summary

The hydraulic butterfly valve test benches of model YFS-DL are specially used to perform shell test and seat test on butterfly valves. The valve clamping way with the machines is clamping jaws pulling downwards. The structure of the machines can be designed and manufactured into two types, that is single type (One hydraulic control station controls one workbench), and combined type (One hydraulic control station controls two workbenches.). In addition, the special upper & lower sealing plates and the protective steel rings for butterfly valve testing shall be made by the customers themselves, or made by our company, but the extra cost shall be charged when coming to the contract.





YFS-DL型 液压蝶阀试验台

Hydraulic Butterfly Valve Test Bench of Model YFS-DL

二、技术参数 Technical Parameters

设备型号 Machine Model	结构形式 Structural Style	试压范围 Testing Range	夹紧油缸内径及数量 Inner Diameter & Quantity of Clamping Cylinders	爪盘间距 Spacing between Clamping Jaws & Working Plate	最大夹紧力 Max. Clamping Force	油泵电机(6极) Electromotor of Oil Pump (6 Poles)	外形尺寸 Outline Dimensions (L x W x H)
YFS-DL200型	单体 Single	DN50-200	φ100mm x 3	200-400mm	50t	2.2 KW	2000 x 1000 x 1600mm
YFS-DL300型	单体 Single	DN80-300	φ110mm x 3	220-470mm	60t	2.2 KW	2100 x 1100 x 1600mm
YFS-DL400型	单体 Single	DN150-400	φ120mm x 4	260-540mm	90t	3.0 KW	2200 x 1180 x 1600mm
YFS-DL500型	单体 Single	DN200-500	φ140mm x 4	290-590mm	130t	3.0 KW	2300 x 1250 x 1600mm
YFS-DL600型	单体 Single	DN250-600	φ150mm x 4	310-630mm	150t	3.0 KW	2500 x 1350 x 1600mm
YFS-DL800型	单体 Single	DN350-800	φ160mm x 4	340-730mm	170t	5.5 KW	2800 x 1500 x 1600mm
YFS-DL1000型	单体 Single	DN500-1000	φ160mm x 6	380-880mm	250t	5.5 KW	3000 x 1800 x 1700mm
YFS-DL1200型	单体 Single	DN600-1200	φ200mm x 6	400-950mm	400t	5.5 KW	3400 x 2100 x 1700mm
YFS-DL1600型	分体 Split	DN800-1600	φ220mm x 6	550-1100mm	500t	5.5 KW	4000 x 2600 x 1700mm
YFS-DL2000型	分体 Split	DN1000-2000	φ250mm x 6	650-1250mm	650t	7.5 KW	根据用户要求设计
YFS-DL2400型	分体 Split	DN1400-2400	φ320mm x 6	800-1500mm	1000t	7.5KW	根据用户要求设计
YFS-DL2800型	分体 Split	DN1800-2800	φ360mm x 6	1000-1750mm	1300t	11.0KW	根据用户要求设计
YFS-DL3200型	分体 Split	DN2200-3200	φ420mm x 6	1200-2000mm	1800t	11.0KW	根据用户要求设计

三、压力对照表 Pressure Check List

YFS-DL200型 Model YFS-DL200

公称通径 Nominal Diameter		公称压力 Nominal Pressure MPa/class									
		1.0		1.6		2.5		4.0		6.4	
						150		300		400	
		液压站压力 Pressure of Hydraulic Station									
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
2"	DN50	2.5	3.0	2.5	3.0	3.0	4.0	4.0	5.0	5.0	6.0
2 1/2"	DN65	2.5	3.0	3.0	4.0	4.0	5.0	5.0	6.0	5.5	7.0
3"	DN80	3.0	4.0	4.0	5.0	5.0	6.0	5.5	7.0	6.0	8.0
4"	DN100	4.0	5.0	5.0	6.0	5.5	7.0	6.0	8.0	7.5	10.0
5"	DN125	5.0	6.0	5.5	7.0	6.0	8.0	7.0	9.0	9.0	12.0
6"	DN150	5.5	7.0	6.0	8.0	7.0	9.0	9.0	12.0	12.0	16.0
8"	DN200	6.0	8.0	7.5	10.0	8.5	11.0	12.0	16.0	17.0	23.0

YFS-DL300型 Model YFS-DL300

公称通径 Nominal Diameter		公称压力 Nominal Pressure MPa/class									
		1.0		1.6		2.5		4.0		6.4	
						150		300		400	
		液压站压力 Pressure of Hydraulic Station									
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
3"	DN80	3.0	3.5	3.0	3.5	3.5	4.0	4.0	5.0	5.5	7.0
4"	DN100	3.0	3.5	3.5	4.0	4.0	5.0	5.0	6.5	7.0	9.0
5"	DN125	3.0	3.5	4.0	5.0	5.0	6.5	6.0	8.0	8.5	10.0
6"	DN150	3.5	4.5	4.5	6.0	6.0	7.5	7.5	10.0	11.0	14.0
8"	DN200	4.0	5.0	5.0	7.0	7.0	9.5	11.0	15.0	18.0	24.0
10"	DN250	4.5	6.0	6.5	8.5	10.0	13.0	15.0	20.0		
12"	DN300	6.0	8.0	9.0	12.0	13.0	17.5				

注: PN-表示密封试压时的油缸压力, PS-表示强度试压时的油缸压力

PN- denotes the pressure of the oil cylinder when performing seat test; PS- denotes the pressure of the oil cylinder when performing shell test



YFS-DL型 液压蝶阀试验台

Hydraulic Butterfly Valve Test Bench of Model YFS-DL

YFS-DL400型 Model YFS-DL400

公称通径 Nominal Diameter		公称压力 Nominal Pressure											
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YFS-DL500型 Model YFS-DL500

公称通径 Nominal Diameter		公称压力 Nominal Pressure											
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YFS-DL600型 Model YFS-DL600

公称通径 Nominal Diameter		公称压力 Nominal Pressure											
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注: PN-表示密封试压时的油缸压力, PS-表示强度试压时的油缸压力

PN- denotes the pressure of the oil cylinder when performing seat test; PS- denotes the pressure of the oil cylinder when performing shell test



YFS-DL型 液压蝶阀试验台

Hydraulic Butterfly Valve Test Bench of Model YFS-DL

YFS-DL800型 Model YFS-DL800

公称通径 Nominal Diameter		公称压力 Nominal Pressure										MPa/class	
		0.6		1.0		1.6		2.5		4.0			
								150		300			
		液压站压力 Pressure of Hydraulic Station											
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS		
14"	DN350	3.0	4.0	4.0	5.0	5.0	6.0	6.5	8.5	10.0	13.0		
16"	DN400	4.0	5.0	5.0	6.0	7.0	9.0	10.0	13.0	13.0	18.0		
18"	DN450	5.0	6.0	5.5	7.0	8.5	11.0	12.0	16.0	18.0	23.0		
20"	DN500	5.5	7.0	6.0	8.0	10.0	13.0	14.0	19.0				
24"	DN600	6.0	8.0	7.5	10.0	11.0	15.0	18.0	23.0				
28"	DN700	7.0	9.0	10.0	13.0	15.0	20.0						
32"	DN800	7.5	10.0	12.0	16.0	18.5	25.0						

YFS-DL1000型 Model YFS-DL1000

公称通径 Nominal Diameter		公称压力 Nominal Pressure										MPa/class	
		0.6		1.0		1.6		2.5		4.0			
								150		300			
		液压站压力 Pressure of Hydraulic Station											
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS		
20"	DN500	3.0	4.0	4.5	6.0	6.0	8.0	9.0	12.0	15.0	20.0		
24"	DN600	4.0	5.0	6.0	8.0	8.0	11.0	12.5	17.0	19.0	26.0		
28"	DN700	4.5	6.0	7.5	10.0	11.0	14.5	16.5	22.0				
32"	DN800	5.5	7.5	9.0	12.0	13.5	18.0	20.0	27.0				
36"	DN900	7.0	9.0	11.0	15.0	16.5	22.0						
40"	DN1000	8.0	11.0	13.5	18.0	19.0	26.0						

YFS-DL1200型 Model YFS-DL1200

公称通径 Nominal Diameter		公称压力 Nominal Pressure										MPa/class	
		0.6		1.0		1.6		2.5		4.0			
								150		300			
		液压站压力 Pressure of Hydraulic Station											
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS		
24"	DN600	3.0	3.5	4.0	5.0	6.0	7.5	8.5	11.5	13.5	18.0		
28"	DN700	3.5	4.5	5.0	6.5	7.5	10.0	11.5	15.5	19.0	24.5		
32"	DN800	4.0	5.5	6.5	8.5	10.0	13.0	15.0	20.0				
36"	DN900	5.0	6.5	8.0	10.5	12.5	16.5	18.5	25.0				
40"	DN1000	6.0	8.0	10.0	13.0	15.0	20.0						
48"	DN1200	8.5	11.0	14.0	18.0	21.0	27.0						

YFS-DL1600型 Model YFS-DL1600

公称通径 Nominal Diameter		公称压力 Nominal Pressure MPa/class									
		0.6		1.0		1.6		2.5		150	
		液压站压力 Pressure of Hydraulic Station									
		in	mm	PN	PS	PN	PS	PN	PS	PN	PS
32"	DN800	4.0	5.0	5.5	7.0	8.5	11.0	13.0	17.0		
36"	DN900	5.0	6.0	7.0	9.0	10.0	13.0	16.0	21.0		
40"	DN1000	5.5	7.0	8.0	10.5	12.0	16.0	18.0	24.5		
48"	DN1200	7.0	9.5	11.0	14.5	16.5	22.0				
56"	DN1400	9.0	12.0	14.0	19.0						
64"	DN1600	11.0	15.0	18.0	24.0						

注: PN-表示密封试压时的油缸压力, PS-表示强度试压时的油缸压力

PN-denotes the pressure of the oil cylinder when performing seat test; PS-denotes the pressure of the oil cylinder when performing shell test



YFS-DL型 液压蝶阀试验台

Hydraulic Butterfly Valve Test Bench of Model YFS-DL

YFS-DL2000型 Model YFS-DL2000

公称通径 Nominal Diameter		公称压力 Nominal Pressure MPa/class									
		0.6		1.0		1.6		2.5		4.0	
								150		300	
液压站压力 Pressure of Hydraulic Station											
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
40"	DN1000	4.0	5.0	6.0	8.0	8.5	13.0	15.0	20.0		
48"	DN1200	5.5	7.0	8.5	11.0	13.5	18.0	20.5	28.0		
56"	DN1400	7.0	9.0	11.0	15.0	18.0	24.0				
64"	DN1600	9.0	12.0	14.0	19.0	21.5	29.0				
72"	DN1800	11.0	15.0	18.0	24.0						
80"	DN2000	13.5	18.0	20.5	28.0						

YFS-DL2400型 Model YFS-DL2400

公称口径 Nominal Diameter		公称压力 Nominal Pressure MPa/class									
		0.6		1.0		1.6		2.5			
								150			
		液压站压力 Pressure of Hydraulic Station									
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
56"	DN1400	4.5	6.5	7.5	10.0	11.0	15.0	18.0	24.0		
64"	DN1600	6.0	8.0	9.5	13.0	15.0	20.0	21.5	29.0		
72"	DN1800	7.5	10.0	12.0	16.0	18.5	25.0				
80"	Dn2000	9.0	12.0	14.0	19.0	21.5	29.0				
88"	Dn2200	10.5	14.0	17.0	23.0						
96"	Dn2400	12.5	17.0	20.0	27.0						

YFS-DL2800型 Model YFS-DL2800

公称口径 Nominal Diameter		公称压力 Nominal Pressure MPa/class									
		0.6		1.0		1.6		2.5		4.0	
								150		300	
液压站压力 Pressure of Hydraulic Station											
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
72"	DN1800	5.5	7.0	8.5	11.0	13.5	18.0	16.5	22.0		
80"	DN2000	7.0	9.0	10.5	14.0	16.5	22.0	20.5	28.0		
88"	DN2200	7.5	10.0	12.5	17.0	18.5	25.0				
96"	DN2400	9.0	12.0	15.0	20.0	21.5	29.0				
104"	DN2600	10.5	14.0	17.0	23.0						
112"	Dn2800	12.0	16.0	20.0	27.0						

YFS-DL3200型 Model YFS-DL3200

公称通径 Nominal Diameter		公称压力 Nominal Pressure MPa/class									
		0.6		1.0		1.6		2.5		4.0	
								150		300	
液压站压力 Pressure of Hydraulic Station											
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
88"	DN1000	4.0	5.0	6.0	8.0	8.5	13.0	15.0	20.0		
96"	DN1200	5.5	7.0	8.5	11.0	13.5	18.0	20.5	28.0		
104"	DN1400	7.0	9.0	11.0	15.0	18.0	24.0				
112"	DN1600	9.0	12.0	14.0	19.0	21.5	29.0				
120"	DN1800	11.0	15.0	18.0	24.0						
128"	DN2000	13.5	18.0	20.5	28.0						

注: PN-表示密封试压时的油缸压力, PS-表示强度试压时的油缸压力

PN-denotes the pressure of the oil cylinder when performing seat test; PS-denotes the pressure of the oil cylinder when performing shell test



YFS-A型 液压安全阀试验台

Hydraulic Safety Valve Test Bench of Model YFS-A

一、概述

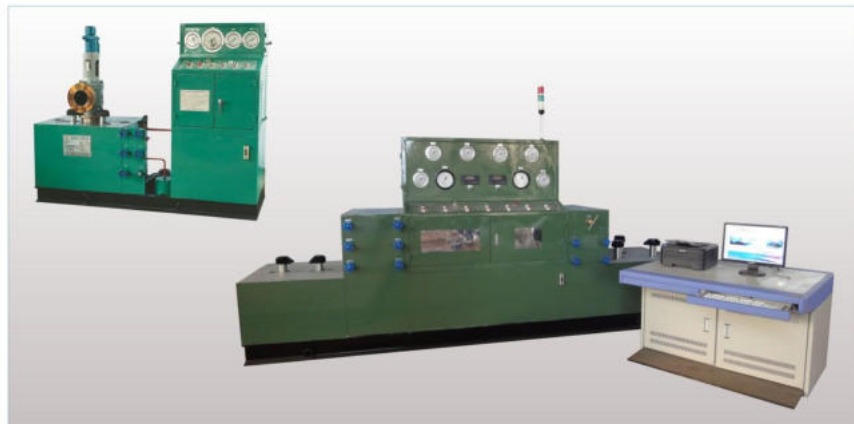
YFS-A型 液压安全阀试验台用于进行安全阀起跳压力和回座压力的校验和密封试验。该试验台性能稳定,控制独立,操作简单。该试验台的主要配置有精密压力表、储气瓶、精细滤网、气体减压器等等。此外,该试验台所有的针形阀和管路都由不锈钢制成。对于高压安全阀的试验,该试验台可配备美国进口特力得牌气驱气体增压泵,可校验32.0MPa公称压力的安全阀。可根据客户特殊要求专门设计和制造。另外,试验台的防护措施须由用户自行解决。

1. Summary

The hydraulic safety valve test benches of model YFS-A are used to perform set pressure test and seat test on safety valves. The test benches are steady in performance, self-contained in outfit, and easy in operation. The main outfit of the test bench includes precision pressure gauges, air vessel, fine filter, gas pressure reducer and so on. In addition, all the needle valves and the pipeline of the test bench is made of stainless steel. As for the test of high pressure safety valves, the test bench can be equipped with an American air-driven gas booster pump of brand "Sprague Products" which is imported from the USA. With this pump, safety valves with nominal pressure for 32.0MPa can be tested. The test benches can be particularly designed and manufactured according to customers' special requirements. By the way, the protective measures need to be settled by customers themselves.

二、技术参数 Technical Parameters

设备型号 Machine Model	结构形式 Structural Style	试压范围 Testing Range	夹套油缸内径及数量 Inner Diameter & Quantity of Clamping Cylinders	最高气体压力 Max. Gas Pressure	最大夹紧力 Max. Clamping Force	油泵电机(6级) Electromotor of Oil Pump (6 Poles)	外形尺寸 Outline Dimensions (L×W×H)
YFS-A100型	单式 Single Type	DN15-100	φ110mm×2	32.0MPa	30t	2.2 KW	2200×700×1600mm
YFS-A200型	单式 Single Type	DN50-200	φ100mm×3	20.0MPa	50t	2.2 KW	2300×750×1600mm
YFS-A300型	单式 Single Type	DN80-300	φ140mm×3	10.0MPa	90t	3.0 KW	2500×850×1600mm
YFS-A100/300型	套式 Combined Type	DN15-100 DN80-300	φ110mm×2 φ140mm×3	32.0MPa 10.0MPa	30t 90t	3.0 KW	3900×850×1700mm



YFS-A型 液压安全阀试验台

Hydraulic Safety Valve Test Bench of Model YAFS

三、压力对照表 Pressure Check List

YFS-A100型 Model YFS-A100

公称通径 Nominal Diameter	公称压力 Nominal Pressure MPa/class								
	1.6	2.5	4.0	6.4	10.0	16.0	20.0	25.0	32.0
		150	300	400	600	900		1500	
液压站压力 Pressure of Hydraulic Station									
in	mm	PN	PN	PN	PN	PN	PN	PN	PN
1/2"	DN15	2.0	2.0	2.0	2.5	3.0	3.0	3.5	4.0
3/4"	DN20	2.0	2.0	2.5	3.0	3.0	3.5	3.5	4.5
1"	DN25	2.0	2.5	2.5	3.0	3.5	4.5	5.5	6.0
1 1/4"	DN32	2.0	2.5	3.0	3.5	4.0	5.5	7.0	8.5
1 1/2"	DN40	2.0	2.5	3.0	3.5	4.5	6.5	8.5	10.0
2"	DN50	2.0	2.5	3.0	4.0	6.0	8.5	11.0	12.5
2 1/2"	DN65	2.5	3.0	3.5	5.5	8.0	12.0	16.0	18.0
3"	DN80	3.0	3.5	5.0	7.5	11.0	17.0	20.5	
4"	DN100	3.5	4.5	6.5	10.0	15.5			

YFS-A200型 Model YFS-A200

公称通径 Nominal Diameter	公称压力 Nominal Pressure MPa/class								
	1.6	2.5	4.0	6.4	10.0	16.0	20.0	25.0	32.0
		150	300	400	600	900		1500	
液压站压力 Pressure of Hydraulic Station									
in	mm	PN	PN	PN	PN	PN	PN	PN	PN
2"	DN50	2.5	2.5	3.0	3.0	3.0	5.0	6.0	7.0
2 1/2"	DN65	2.5	3.0	3.0	3.5	5.0	7.5	9.0	11.0
3"	DN80	2.5	3.0	3.0	4.0	7.5	11.0	13.5	16.5
4"	DN100	2.5	3.0	4.5	6.5	10.0	15.0	18.0	22.0
5"	DN125	3.0	3.5	5.5	8.5	12.5	19.0		
6"	DN150	3.5	5.5	8.0	12.0	18.5			
8"	DN200	5.5	8.0	12.0	19.0				

YFS-A300型 Model YFS-A300

公称通径 Nominal Diameter	公称压力 Nominal Pressure MPa/class								
	1.6	2.5	4.0	6.4	10.0	16.0	20.0	25.0	32.0
		150	300	400	600	900		1500	
液压站压力 Pressure of Hydraulic Station									
in	mm	PN	PN	PN	PN	PN	PN	PN	PN
3"	DN80	2.0	2.5	3.0	3.0	4.0	6.0	7.0	8.5
4"	DN100	2.5	2.5	3.0	3.5	5.5	8.0	10.0	12.0
5"	DN125	3.0	3.0	3.5	4.5	7.0	10.0	13.0	15.0
6"	DN150	3.0	3.5	4.5	6.0	9.0	14.0	18.0	22.0
8"	DN200	3.0	4.5	7.0	10.0	15.0	23.0		
10"	DN250	4.0	6.0	9.0	14.0	20.5			
12"	DN300	5.5	8.5	13.0	19.0				

注: PN-表示安全阀起跳试压时的油缸压力

Supplement: PN-denotes the pressure of the oil cylinder when performing popping test of safety valves



YFS-D型 液压调节阀试验台

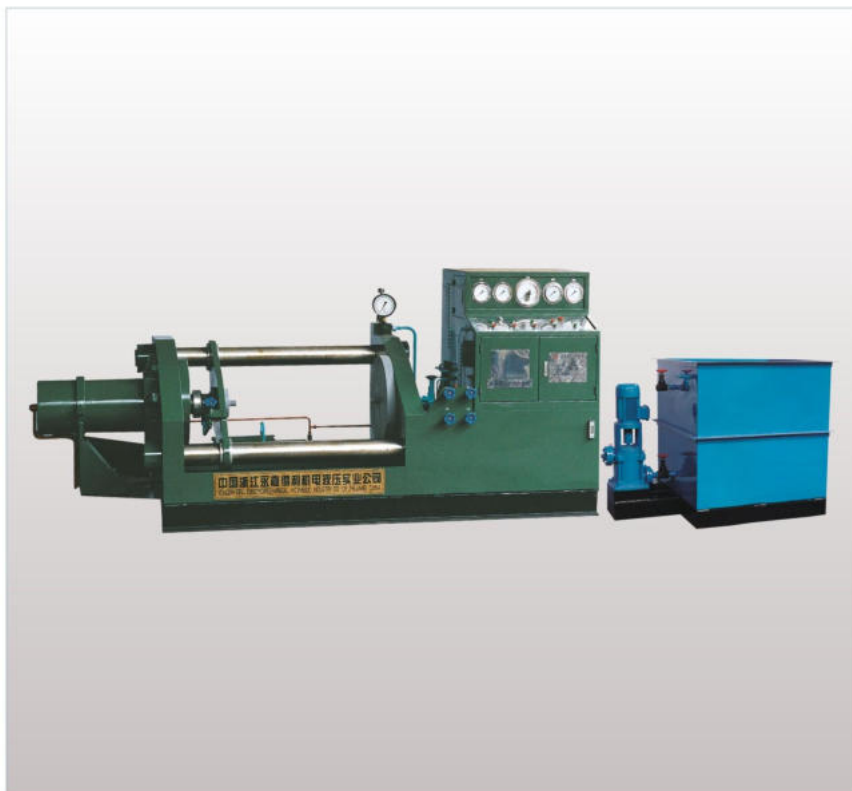
Hydraulic Control Valve Test Bench of Model YFS-D

一、概述

YFS-D型 液压调节阀试验台是专门对调节阀进行强度试验、密封试验和泄露量检测的一种专用设备。泄露量检测线配有水箱、多级泵、溢流调节阀和精密压力表等。可根据用户的工艺要求，在低压恒压状态下检测调节阀的泄露量。试压范围和选型参照YFS-D型液压焊接阀试验台。

1. Summary

The hydraulic control valve test benches of model YFS-D are special equipments for performing shell test, seat test and leakage volume test on control valves. As for leakage volume test, the test benches are equipped with water tank, multistage water pump, overflow valve, precision pressure gauges etc. And the control valves' leakage volume can be tested under the state of low and constant pressure according to customers' technical requirements. As for the valve testing range and machine model selecting, please refer to the same as that of the hydraulic valve test benches of model YFS-D.



PZ型 阀门压力测试机

Valve Pressure Testing Machine of Model PZ

一、概述

PZ型系列阀门压力测试机是本公司设计开发的一款实用新型的专利产品。该型号设备采用螺杆式结构形式，主要由机械系统、电器系统和试压介质（水）循环系统等部分有机组合而成，一般不配备液压系统（沉水式设备除外）。整机受力机架由受力牌坊、拉杆、拉杆螺母、顶压螺杆和传动螺母等主要部件构成，并以电动执行器和齿轮箱带动传动螺母，使螺杆前进或后退。阀门试压时，既可采用内口式密封形式（被测试阀门不受任何外力影响），也可采用端面密封形式（需配压力自补平衡水缸，实现可靠密封。被测试阀门受微外力影响）。一次装夹能完成阀门壳体强度试验和密封试验，装夹方便、迅速。该型号设备特别适用于超临界电站阀门和高压气体专用阀门的试验（为了试验安全，设备必须配置PLC控制系统和远程监控系统，密封方式必须是内口密封。如阀门需高压气体试验，试验介质为空气、氮气等气体，设备还必须采用沉水式）。本公司根据用户所要试验的阀门类型、结构、口径和压力要求，确定设备最大受力后，进行选型、设计和制造。目前，本公司该型号设备最大设计承受力可达4600吨。

1. Summary

The valve pressure testing machines of model PZ series, our company's patent products, is a kind of new and practical valve testing equipment designed and developed by our company. The machine is screw type in structure, and is mainly composed of three parts, that is, the mechanical system, the electric system and testing medium (water) circulating system, and it is usually without the hydraulic system (except the water-submerged type machines). The force bearing framework of the machine is made up of main parts, such as the force bearing stands, the tie bars, the tie bar nuts, the thrust screws and the transmitting nut etc. The electric actuator and the gear box is adopted to drive the transmitting nut and make the screw going forwards and backwards. When performing valve testing, the sealing way can be bore (internal) sealing (In this case, it doesn't cause any external force on the valves to be tested.) or face sealing (In this case, the machine needs to be equipped with pressure balancing water cylinders, which makes the sealing reliable. It causes just tiny external force on the valve to be tested.). The machine can be used to perform both shell test and seat test on the valves to be tested after just one time of valve clamping, which is convenient and quick for valve testing. The machines of this series are especially suitable for testing high pressure power station valves and high pressure gas valves. For the security of valve testing, the sealing way shall be bore (internal) sealing, and the machine shall be equipped with the PLC control system and the remote monitoring system. If the valves need to be tested with high pressure gas on the machine (The testing medium is air, nitrogen etc.), the machine shall also be water-submerged type in structure. Our company will select, design and manufacture the proper machines of this series for customers, after figuring out the exact maximum bearing force which the machine needs according to the valve type, structure, nominal size and pressure ratings. So far, the maximum design bearing force for our company's machines of this series can reach up to 4600 Tons.





PZ型 阀门压力测试机

Valve Pressure Testing Machine of Model PZ

二、技术参数 Technical Parameters

设备型号 Machine Model	结构形式 Structural Style	试压范围 Testing Range	工作盘间距 Spacing between Working Plates	拉杆内间距 Inner Spacing between Tie Bars	最大平衡水缸 Max. Balance Water Cylinder	最大承受力 Max. Bearing Force	电动头功率 Power of Electric Actuator	外形尺寸 Outline Dimensions (L×W×H)
PZ-100型	单体 Single	DN15-100	100-500mm	400mm	Φ180mm	100t	0.75KW	2500x800x1300mm
PZ-200型	单体 Single	DN50-200	150-700mm	550mm	Φ280mm	150t	1.1KW	3000x900x1300mm
PZ-300型	单体 Single	DN80-300	250-900mm	670mm	Φ380mm	250t	1.5KW	3500x1100x1350mm
PZ-400型	单体 Single	DN150-400	300-1100mm	800mm	Φ480mm	400t	1.5KW	4000x1400x1400mm
PZ-500型	单体 Single	DN200-500	500-1400mm	1000mm	Φ580mm	600t	2.2KW	4500x1700x1450mm
PZ-600型	单体 Single	DN250-600	600-1700mm	1200mm	Φ680mm	900t	3.0KW	5000x2000x1500mm
PZ-800型	单体 Single	DN300-800	800-2000mm	1450mm	Φ880mm	1300t	4.0KW	5500x2300x1600mm
PZ-1000型	单体 Single	DN400-1000	1000-2400mm	1800mm	Φ1080mm	1800t	5.0KW	6000x2700x1800mm
PZ-1200型	分体 Split	DN500-1200	1200-2800mm	2200mm	Φ1280mm	2600t	7.5KW	根据用户要求设计
PZ-1400型	分体 Split	DN600-1400	1400-3400mm	2700mm	Φ1480mm	3600t	15.0KW	根据用户要求设计
PZ-1600型	分体 Split	DN700-1600	1600-4000mm	3200mm	Φ1680mm	4600t	15.0KW	根据用户要求设计

三、压力对照表 Pressure Check List

PZ-100型 Model PZ-100

公称通径 Nominal Diameter	公称压力 Nominal Pressure MPa/class																	
	2.5		5.0		6.4		10.0		16.0		20.0		25.0		32.0		42.0	
	150	300	400	600	900								1500				2500	
in mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
1/2" DN15	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1" DN25	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1 1/4" DN32	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1 1/2" DN40	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2" DN50	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2 1/2" DN65	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3" DN80	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4" DN100	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

PZ-200型 Model PZ-200

公称通径 Nominal Diameter	公称压力 Nominal Pressure MPa/class																	
	2.5		5.0		6.4		10.0		16.0		20.0		25.0		32.0		42.0	
	150	300	400	600	900								1500				2500	
In mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
2" DN50	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2 1/2" DN65	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3" DN80	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4" DN100	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
5" DN120	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
6" DN150	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
7" DN175	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
8" DN200	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

注: PN-表示密封试压, PS-表示强度试压
PN- denotes seat test; PS- denotes shell test



PZ型 阀门压力测试机

Valve Pressure Testing Machine of Model PZ

PZ-300型 Model PZ-300

公称通径 Nominal Diameter	公称压力 Nominal Pressure MPa/class																	
	2.5		5.0		6.4		10.0		16.0		20.0		25.0		32.0		42.0	
	150	300	400	600	900								1500				2500	
in mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
3" DN80	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4" DN100	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
5" DN125	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
6" DN150	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
7" DN175	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
8" DN200	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
10" DN250	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
12" DN300	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

PZ-400型 Model PZ-400

公称通径 Nominal Diameter	公称压力 Nominal Pressure MPa/class																	
	2.5		5.0		6.4		10.0		16.0		20.0		25.0		32.0		42.0	
	150	300	400	600	900								1500				2500	
in mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
6" DN150	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
7" DN175	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
8" DN200	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
10" DN250	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
12" DN300	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
14" DN350	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
16" DN400	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

PZ-500型 Model PZ-500

公称通径 Nominal Diameter	公称压力 Nominal Pressure MPa/class																	
	2.5		5.0		6.4		10.0		16.0		20.0		25.0		32.0		42.0	
	150	300	400	600	900								1500				2500	
in mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
8" DN200	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
10" DN250	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
12" DN300	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
14" DN350	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
16" DN400	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
18" DN450	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
20" DN500	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

注: PN-表示密封试压, PS-表示强度试压
PN- denotes seat test; PS- denotes shell test



PZ型 阀门压力测试机

Valve Pressure Testing Machine of Model PZ

PZ-600型 Model PZ-600

公称通径 Nominal Diameter		公称压力 Nominal Pressure										MPa/class							
		2.5		5.0		6.4		10.0		16.0		20.0		25.0		32.0		42.0	
		150		300		400		600		900				1500				2500	
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
10"	DN250	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
12"	DN300	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
14"	DN350	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
16"	DN400	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
18"	DN450	●	●	●	●	●	●	●	●	●									
20"	DN500	●	●	●	●	●	●	●	●	●									
24"	DN600	●	●	●	●	●	●	●	●										

PZ-800型 Model PZ-800

公称通径 Nominal Diameter		公称压力 Nominal Pressure										MPa/class							
		2.5		5.0		6.4		10.0		16.0		20.0		25.0		32.0		42.0	
		150		300		400		600		900				1500				2500	
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
12"	DN300	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
14"	DN350	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
16"	DN400	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
18"	DN450	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
20"	DN500	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
24"	DN600	●	●	●	●	●	●	●	●	●	●								
28"	DN700	●	●	●	●	●	●	●	●	●	●								
32"	DN800	●	●	●	●	●	●	●	●										

PZ-1000型 Model PZ-1000

公称通径 Nominal Diameter		公称压力 Nominal Pressure										MPa/class							
		2.5		5.0		6.4		10.0		16.0		20.0		25.0		32.0		42.0	
		150		300		400		600		900				1500				2500	
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
16"	DN400	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
18"	DN450	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
20"	DN500	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
24"	DN600	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
28"	DN700	●	●	●	●	●	●	●	●	●	●	●	●						
32"	DN800	●	●	●	●	●	●	●	●	●	●								
36"	DN900	●	●	●	●	●	●	●	●										
40"	DN1000	●	●	●	●	●	●	●	●										

注: PN-表示密封试压, PS-表示强度试压
PN- denotes seat test; PS- denotes shell test



PZ型 阀门压力测试机

Valve Pressure Testing Machine of Model PZ

PZ-1200型 Model PZ-1200

公称通径 Nominal Diameter		公称压力 Nominal Pressure MPa/class																	
		2.5		5.0		6.4		10.0		16.0		20.0		25.0		32.0		42.0	
		150		300		400		600		900				1500				2500	
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
20"	DN500	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
24"	DN600	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
28"	DN700	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
32"	DN800	●	●	●	●	●	●	●	●	●	●	●	●						
36"	DN900	●	●	●	●	●	●	●	●	●	●	●							
40"	DN1000	●	●	●	●	●	●	●	●	●	●								
48"	DN1200	●	●	●	●	●	●	●	●										

PZ-1400型 Model PZ-1400

公称通径 Nominal Diameter		公称压力 Nominal Pressure MPa/class															
		2.0		5.0		6.4		10.0		16.0		20.0		25.0			
		150		300		400		600		900				1500			
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
24"	DN600	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
28"	DN700	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
32"	DN800	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
36"	DN900	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
40"	DN1000	●	●	●	●	●	●	●	●	●	●	●	●				
48"	DN1200	●	●	●	●	●	●	●	●	●	●						
56"	DN1400	●	●	●	●	●	●	●	●								

PZ-1600型 Model PZ-1600

公称通径 Nominal Diameter		公称压力 Nominal Pressure MPa/class															
		2.0		5.0		6.4		10.0		16.0		20.0		25.0			
		150		300		400		600		900				1500			
in	mm	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS	PN	PS
28"	DN700	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
32"	DN800	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
36"	DN900	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
40"	DN1000	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
48"	DN1200	●	●	●	●	●	●	●	●	●	●	●	●				
56"	DN1400	●	●	●	●	●	●	●	●	●	●						
64"	DN1600	●	●	●	●	●	●	●	●								

注: PN-表示密封试压, PS-表示强度试压
PN- denotes seat test; PS- denotes shell test



YFS-t型 液压井口采油树装置阀试验台

Hydraulic Wellhead Tree Device Test Bench of Model YFS-t

一、概述

YFS-t型液压采油树装置试验台专门用于对井口采油树装置的强度进行试压, 最高强度试验压力可达105Mpa。根据用户的产品结构进行特殊设计制造。

1. Summary

The hydraulic cellar valve test bench of model YFS-t is used to test the intensity of the production tree device on the mouth of the oil well. The maximum pressure of intensity test can reach 105Mpa. The test bench will be particularly designed and manufactured according to the product structure of the customers.

YFS-t型 液压井口采油树装置试验台

Hydraulic Wellhead Tree Device Test Bench of Model YFS-t



YFS-M型 液压阀体毛泵试验台

Hydraulic Roughcast Valve Body Test Bench of Model YFS-M



YFS-T型 液压阀盖毛泵试验台

Hydraulic Roughcast Valve Cover Test Bench of Model YFS-T



一、概述

YFS-T型 液压阀盖毛泵试验台专门用于进行阀盖毛坯的强度试验。根据用户要求进行设计制造。

1. Summary

The hydraulic roughcast valve cover test benches of model YFS-T are used to perform intensity test on roughcast valve covers. The test bench will be designed and manufactured according to customers' requirements.



QTMJ型 球体研磨机

Ball Grinding Machine of Model QTMJ

一、概述

QTMJ型 球体研磨机是我公司设计开发的新产品。QTMJ型球体研磨机分为QTMJ型单头球体研磨机、QTMJ型双头球体研磨机和QTMJ型多头球体研磨机。该研磨机设计为球体慢速旋转和磨盘快速旋转互相研磨, 工艺先进。根据被研磨球的工艺要求, 选择合适的油石磨料 (或研磨砂), 粗磨和精磨相结合, 或球体与阀座浮动对磨。球体表面粗糙度可达Ra0.4 μ m。Φ150mm-Φ200mm的球体椭圆度可达0.015mm以下, Φ250mm-Φ350mm的球体椭圆度可达0.025mm以下, Φ450mm-Φ550mm的球体椭圆度可达0.035mm以下, 使球体的椭圆度和表面粗糙度均达到硬密封球阀的工艺要求。

1. Summary

The ball grinding machines of model QTMJ are new products developed and designed by our company. This machine can ball grinding machine be designed and manufactured into three types, that is, single-headed, double-headed and multi-headed. The machine is of advance technics, for it combines slow rotation of the ball of ball valve and fast rotation of the grindstone. According to the technical requirements of the ball to be grinded, select the appropriate grinding whetstone or grinding sand, grinding the workpiece roughly first and then subtly, or the ball and the valve seat grind each other. After grinding, the roughness of the surface of the ball can reach Ra0.4 μ m, the ovality of the ball with the diameter ranging from 150mm to 200mm can be below 0.015mm, and the ovality of the ball with the diameter ranging from 250mm to 350mm can be below 0.025mm, and the ovality of the ball with the diameter ranging from 450mm to 550mm can be below 0.035mm. With this machine, both the ovality and the surface roughness of the ball can reach the technical requirements of the metal-sealed ball valve.



QTMJ型 双头球体研磨机 (带变频调速)
Double-headed Ball Grinding Machine
of Model QTMJ (with Speed Adjusting
by Frequency Converter)

设备型号 Machine Model	研磨范围 Grinding Range
QTMJ-100型	2"、3"、4"
QTMJ-200型	4"、6"、8"
QTMJ-300型	8"、10"、12"
QTMJ-400型	12"、14"、16"
QTMJ-500型	16"、18"、20"
QTMJ-600型	18"、20"、24"



YFMJ型 液压阀门研磨机

Hydraulic Valve Grinding Machine of Model YFMJ

一、概述

YFMJ型 液压阀门研磨机分为YFMJ型单头液压阀门研磨机、YFMJ型双头阀门研磨机和YFMJ型多头液压阀门研磨机。该研磨设备采用同心砂纸粗磨和偏心油石精磨相结合的研磨方式，全部过程由液压控制，有效地提高研磨速度和精度。最大可研磨DN800的闸阀阀体，研磨后的工件表面粗糙度值达 $0.2\mu\text{m}$ ，径向吻合度80%以上。该设备主要功能有：装夹工作台角度可调，磨头转速可调，磨头偏心距可调，磨头受力具有弹性自动调节。该产品具有结构简单、操作方便、可靠性高、适用性广等特点。选用该产品将大大提高工作效率和经济效益。YFMJ型多头液压阀门研磨机根据用户要求设计制造。

1. Summary

The hydraulic valve grinding machines of model YFMJ can be designed and manufactured into three types, that is, single-headed, double-headed and multi-headed. The machines can improve the grinding speed and accuracy, for it combines the rough homocentric grinding with sand paper and the subtle eccentric grinding with whetstone, and the whole grinding process is controlled by hydraulic system. The maximum it can grind are the gate valve body with valve size for DN800. After grinding, the roughness of the surface of the workpiece can reach $0.2\mu\text{m}$, and the radial goodness of fit is above 80%. The main functions of this machine are as follows: the angle of the loading and clamping workbench is adjustable, the speed of the grinding head is adjustable, the throw of eccentric of the grind heads are adjustable, the grinding heads are flexible. The machines have the following features, simple structure, easy operation, high dependability, wide use etc. This grinder will improve the working efficiency and the economic profits extremely. In addition, the multi-headed valve grinding machines of model YFMJ can be designed and manufactured according to customers' technical requirements.



YFMJ型 单头液压阀门研磨机
Single-headed Hydraulic Valve Grinding Machine of Model YFMJ

设备型号 Machine Model	研磨范围 Grinding Range
YFMJ-500型	DN50-500



YFMJ型 双头液压阀门研磨机
Double-headed Hydraulic Valve Grinding Machine of Model YFMJ

设备型号 Machine Model	研磨范围 Grinding Range
YFMJ-300型	磨头一 Grinding Head I: DN50-150 磨头二 Grinding Head II: DN150-300
YFMJ-500型	磨头一 Grinding Head I: DN50-200 磨头二 Grinding Head II: DN250-500
YFMJ-800型	磨头一 Grinding Head I: DN200-500 磨头二 Grinding Head II: DN600-800



XM型 行星闸板研磨机

Planet Valve Wedge Grinding Machine

一、概述

XM型 行星闸板研磨机只用将闸板放在粘有研磨砂的转盘上即可自行研磨。转盘公转和闸板自转相结合形成网状磨面，适用于DN250-DN600闸板的研磨。

1. Summary

When using the planet valve wedge grinding machines of model XM, workers just need to put the wedges of gate valves on the turntable plastered with grinding sand, then the machines will start grinding. The machines are The revolution of the turntable and the rotation of the wedges form a netted grinding surface. The machines are suitable for grinding wedges with diameter ranging from Dn250 to DN600.



XM型 行星闸板研磨机
Planet Valve Wedge Grinding Machine of Model XM

设备型号 Machine Model	研磨范围 Grinding Range
XM-1000型	DN50-250
XM-1200型	DN50-300
XM-1400型	DN100-400
XM-1600型	DN100-500
XM-1800型	DN200-600
XM-2000型	DN250-700

一、概述

XM型 平盘闸板研磨机转盘直径较小，适用于DN50-DN200的闸板研磨。因工件重量较轻，须人工手按研磨。

1. Summary

The diameter of the turntable of the bench floor valve wedge grinding machines is small, and the machines are suitable for grinding wedges with diameter ranging from 50mm to 200mm. For the workpieces to be grinded are light, workers have to press the flashboard on the turntable to grind.



XM型 平盘闸板研磨机
Bench Floor Valve Wedge Grinding Machine of Model XM

设备型号 Machine Model	研磨范围 Grinding Range
XM-300型	DN50-200
XM-400型	DN80-250
XM-500型	DN100-350

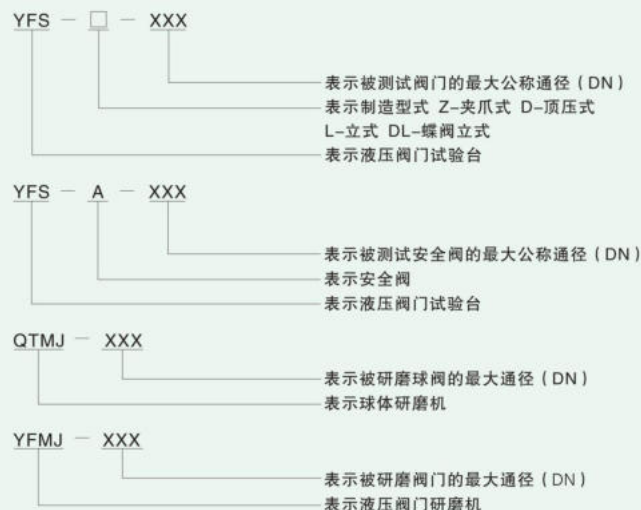


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Ordering Instructions

订货须知

★设备型号编制说明



- ★用户在选择本公司产品时,要写明设备型号、规格及阀门试压或研磨范围。
- ★本公司产品一般不含试压介质泵(水泵或气泵)。如用户需要配置,签订合同时费用另计。
- ★如用户对产品有特殊的外加配置要求(如电动葫芦吊臂、PLC控制,电脑阀门测试数据管理系统和远程监控系统等),签订合同时费用另计。
- ★本公司长期向用户供应各类零配件,如泵、液压件、密封件、针型阀等。
- ★本公司液压阀一般选用上海华岛产品,电器元件选用中国正泰或德力西产品。如用户另有要求,签订合同时费用另计。
- ★本册所提供的数据及技术资料为我公司标准型产品,仅供用户设备选型时参考用。如用户有特殊技术要求,本公司可为其进行特殊设计和制造。

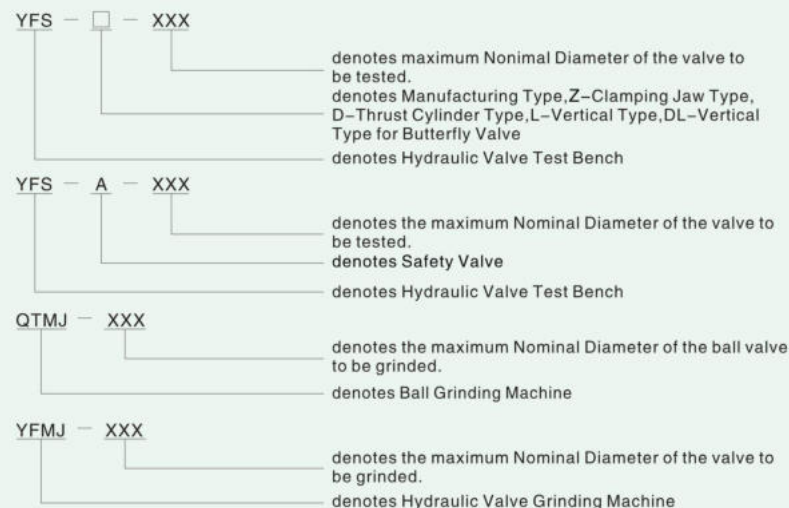


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Product Ordering Notice

★Machine Model Compiling Instructions



- ★When selecting our company's products, the customers need to indicate the machine models, specifications, valve testing or grinding range.
- ★The products of our company usually don't include the valve testing pumps (water or gas pumps). If necessary, the extra cost shall be charged when coming to the contract.
- ★If the customers need extra special equipments (such as the electric hoist, PLC control, computerized valve testing data management system and remote monitoring system etc.), the extra cost shall be charged when coming to the contract.
- ★Our company always supplies the customers with all kinds of components and parts, such as the pumps, the hydraulic components, the sealing parts and the needle valves etc.
- ★Our company's hydraulic components are usually products of Shanghai HYDOR, and the electric components are usually products of China CHNT or DELIXI.
- ★The data and the technical information in this catalogue is for our company's standard products, which is just for customers to refer to when selecting machine models. If the customers have special technical requirements, our company can specially design and manufacture the products for them.