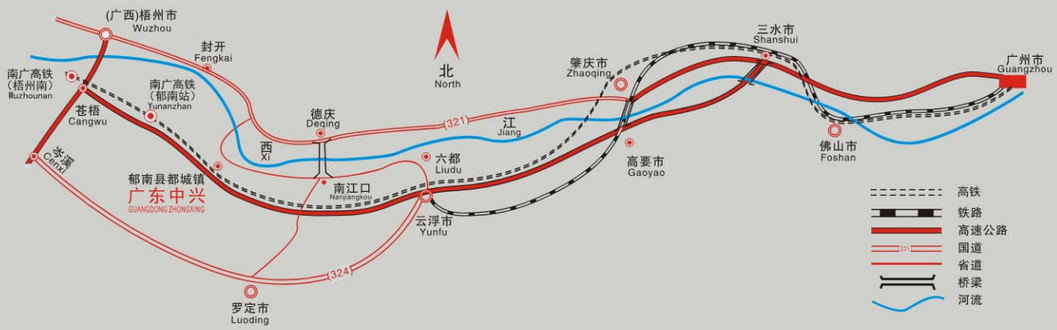


公司外景 Outlook of company



公司铸造分厂 Foundry of company



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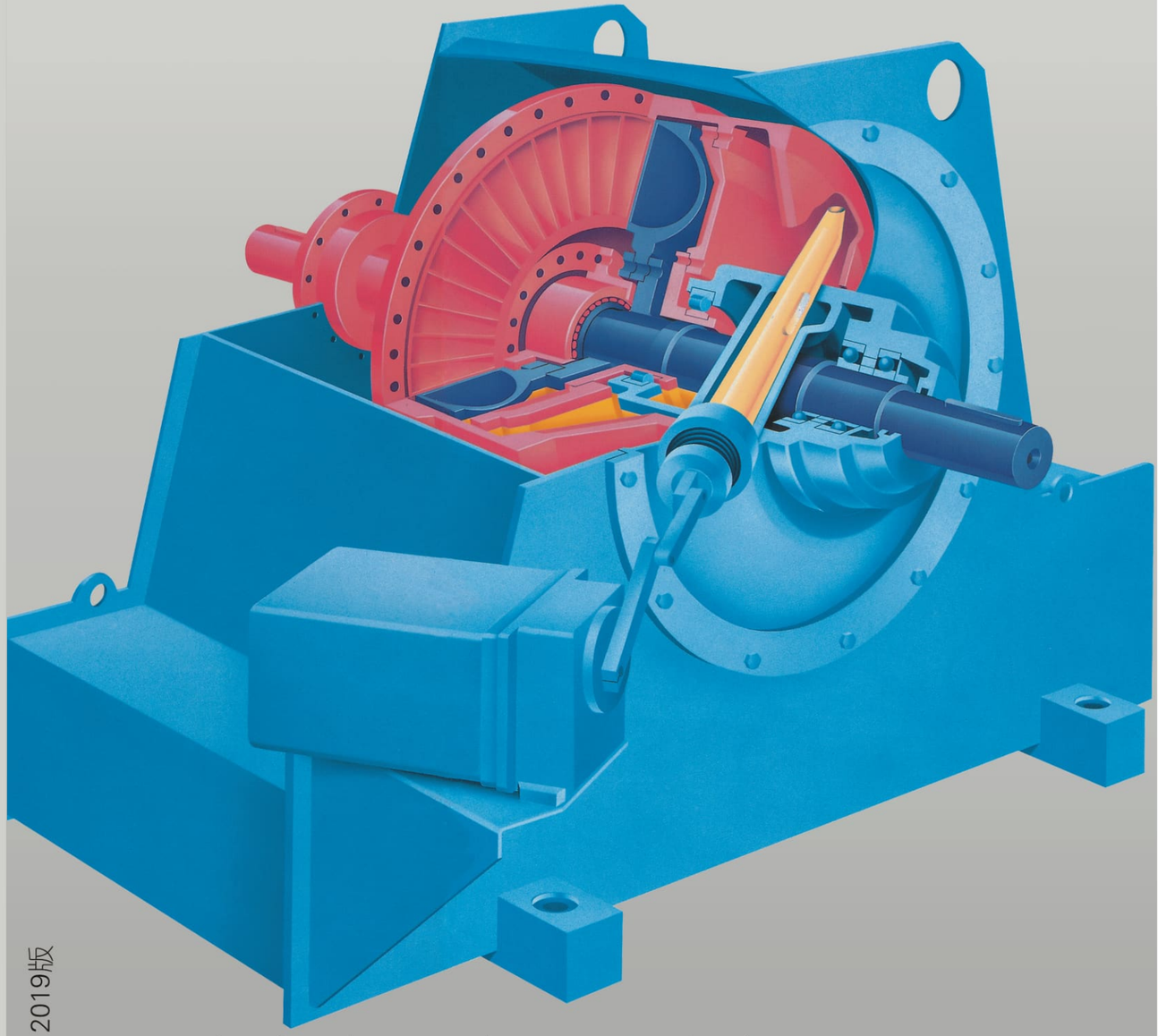
佛山一体广告设计0757-83339143 13702547699

广东省著名商标

广东省名牌产品

调速型液力偶合器
VARIABLE SPEED FLUID COUPLINGS

中兴液力



2019版

广东中兴液力传动有限公司
GUANGDONG ZHONGXING POWER TRANSMISSION CO.,LTD.

广东中兴液力传动有限公司 是一家集研制、开发、生产、销售液力传动产品的专业厂家，是承担国家级火炬计划——高效节能液力偶合器项目的单位和高新技术企业，省级企业技术中心，广东省装备制造业100家重点培育企业，组建有广东省的液力传动工程技术研究开发中心。公司位于素有“黄金水道”之称珠江主流——西江中游之畔，东距广州市200公里，西距广西梧州市60公里，新建南广高速铁路，广梧高速公路绕城而过，水陆交通十分方便。



工厂创建于1958年，1985年开始研制生产液力传动产品，1994年9月，与具有“世界液力之王”称誉的德国福伊特公司（VOITH）合资，成立广东福伊特中兴液力传动有限公司，2001年6月，按国家体制改革要求转制为广东中兴液力传动有限公司。

企业现有资产总额1亿3千万元，工厂占地面积56,000平方米，其中有占地32,000平方米、设置有先进的成套树脂砂生产线和低压铸造的铸造分厂，公司主要生产设备350余台，其中有从德国进口的加工中心、数控机床、立式动平衡机及产品性能试验台等设备10多台（套）。公司具有年生产液力传动产品10000多台（套），铸铝2,200吨，铸铁2,800吨的生产能力。现年销售收入超过1.5亿元。公司现有员工530人，各类专业技术人员170余名，高级专业技术人员15人。

公司主要产品有限矩型液力偶合器、调速型液力偶合器、液力偶合器传动装置、带式输送机保护装置等。产品主要应用于冶金、钢铁、电力、煤炭、船舶、港口、建筑、建材、化工、轻工等行业的风机类 水泵类、带式输送机、起重机、球磨机、磨煤机、破碎机、游艺机、皮革机械、离心机等机械设备上。具有改善电动机的起动性能，防止过载，隔离扭振，均衡负荷，改善动力机与工作机的匹配性能；调速型偶合器还具有无级调速、达到良好的节电效果，而且能实现遥控，自动控制等优点。产品在20世纪90年代初就已经出口到香港、马来西亚、越南、印尼、泰国、韩国、孟加拉、东南亚各国和地区，远销欧洲、澳大利亚、南非等国家。

公司在广州、北京、上海、沈阳、成都、郑州、武汉、济南等大城市设有销售和服务网点，随时为您提供优质、快捷、周到的服务。我们始终发扬“团结、求实、拼搏、进取”的精神，竭诚为广大用户提供性能优良 质量可靠的高效节能液力传动产品和一流的服务。

Guangdong Zhongxing Power Transmission co., Ltd. is a special manufacturer of power transmission components , which undertakes the National Torch Project--High Efficient Energy-saving Hydrodynamic Couplings. It is entitled the High & New Technology Enterprise by Province. It is a modern joint-stock company after the style reform according to the request of country. Located by the bank of West River--main branch of Pearl River, the company shares convenient transportation: 200 Kms away from Guangzhou, the provincial capital and 60 Kms from Wuzhou city of Guangxi Province and with close access to the 321 national Highway, Nanning-Guangzhou High-speed Railway and Guangzhou-Wuzhou Highway Express.

The factory was found in 1958 , and started producing hydrodynamic couplings since 1985 . A JV--Voith Zhongxing Power Transmission Co.,Ltd. was built in 1994 by Zhongxing Machinery Factory and the German Partner " Voith Turbo GmbH & Co KG" , the famous"International Hydrodynamic King" . According to the Equity Transfer Agreement signed by both shareholders and the request of style reform, the JV was renamed"Guangdong Zhongxing Power Transmission Co.,Ltd".

The total asset of the company has reached RMB 130,000,000.The factory`s coverage is about 56,000m^2, including a foundry covering 32,000m^2 equipped with modern resin sand production line. There are more than 350 sets of machinery, inclusive of over 10 sets of machining center, CNC and balancing machine and test stand imported from Germany. The annual productivity of factory has achieved 10000 sets hydrodynamic components , 2200T aluminum castings and 2800T iron castings. The annual turnover has achieved RMB150,000,000. The company has 530 employees, 150 among which are professional engineers and 15 are senior engineers.

The main products are constant filling fluid couplings, variable speed couplings , coupling transmission device and protecting device for belt conveyor, etc., Our products are mainly used on fans, pumps, belt conveyor, crusher, coal grinding machine, leather machine in metallurgy, steel plant, power plant, coal mines, marine, port, construction, chemical industries. They have the advantages of improving the startup performance, overload protection, segregating the shock & vibration, adjusting the speed and balancing the load ,etc. The products had been exported to Hong Kong, Malaysia, Viet Nam, Japan, Australia and South Africa since 1990`s.

The company has sales offices in Guangzhou, Beijing, Shanghai, Shengyang , Chengdu, Zhengzhou and Jinan to provide you the quick, excellent and considerate service. We are eager to provide you with good quality products and excellent service in our spirit of"UNITE,REALISTIC,HARD WORK and ENTERPRISE".

广东中兴液力传动有限公司生产的调速型液力偶合器是以引进、吸收、消化国外先进液力传动技术，按GB/T5837-93［液力偶合器型式和基本参数］要求，进行系列化、标准化、通用化设计和生产，适用于不同使用场所的偶合器。产品设计合理、结构紧凑、外形美观、可靠性高、使用效果良好，达到国际同类产品先进水平。产品有出口调节式(YOTc型) 和阀控调节式(YOTFK型) 调速型液力偶合器，主要分为：





1、箱体式: YOTcs系列；
2、箱座式：YOTck系列；
3、水平剖分式：YOTcp系列；
4、部分滑动轴承支承式:YOTcp-G系列；
5、全滑动轴承支承式: YOTch系列；
6、分体式: YOTCF系列；
7、立式: YOTCL系列；
8、 SVTL系列;
9、后置齿轮减速式液力调速传动装置: YOTCHJ系列；
10、前置齿轮增速式液力调速传动装置: YOTFQZ系列；
11、水介质系列：YOTsj系列；
12、双腔阀控型: YOTFKD系列；

上述各系列产品按使用场合要求可分为: 普通型、户外型和防爆型、煤矿专用型，适合于不同工况场合下使用。产品1998年9月通过ISO9001质量管理体系认证；1999起年通过防爆认证；2002年4月通过ISO9001：2000质量管理体系认证， 2004年 10月起通过煤矿矿用产品安全标志认证。

本公司属下的中兴换热器有限公司生产各种规格的管式、板式、空气冷却器可为各种的调速型液力偶合器配套。

我公司共有八千多台调速型液力偶合器可靠地运行在全国各地的冶金、电力、煤炭、水泥，化工等行业的风机、水泵、破碎机、胶带运输机上，为提高设备运行工艺水平，为企业节能降耗作出重大贡献。

The YOT Variable speed couplings Produced by Guangdong Zhongxing Power Transmission Co. Ltd. is designed at the most perfect cavity and according to the requirement of standard GB/T5837-93 <Types & Basic Parameter of Hydrodynamic Coupling> with the introduction, absorption and digestion of the international advanced power transmission technology. The design is reasonable in compact construction, which has achieved the advanced level of international similar products. There are types of output adjusted(YOTc) and valve-control adjusted(YOTFK) with following sizes:

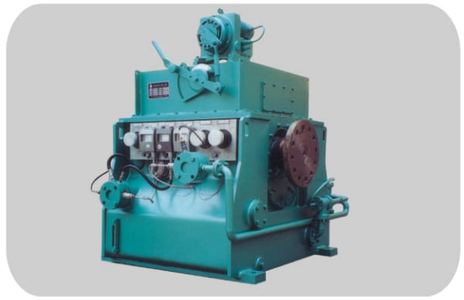
1.with housing: YOTcs series
2.with oil tank: YOTck series
3.with horizontal separation: YOTcp series
4.With partial sliding bearing supporting:YOTcp-G series
5.with full sliding bearing supporting: YOTch series
6.With separated layout: YOTCF series
7.In vertically: YOTCL series
8.Know how transfened from VOITH:SVTL series
9.With gear behind for speed reduction: YOTCHJ series
10.With gear in front for speed increase: YOTFQZ series
11.Water couplings: YOTsj series
12.With double cavities & valve control: YOTFKD series

The above types can be also divided into normal type, outdoor type and explosion proof type on the basis of different applications. ISO9001 Certificate has been obtained in 1998, Certificate of Explosion proof has been obtained in 1999.and ISO9001:2000 Certificate has been obtained in April, 2002. Certificates for underground have been abtained in October ,2004.

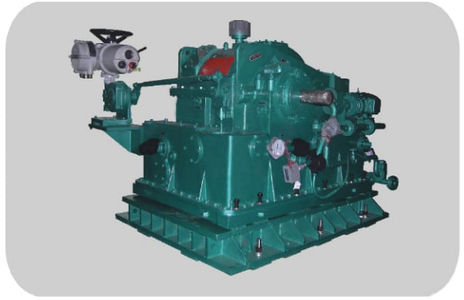
The zhongxing Heat Exchanger company has produced different sizes of shell & tube type , plate type and air coolers, which can be equipped with above variable speed couplings.

More than 8000 variable speed couplings of our company are running with safety and reasonability on the fans, pumps, belt conveyor, crusher, coal grinding machine, leather machine in metallurgy, steel plant, power plant, coal mines, marine, port, construction, chemical, industries. to devote ourselves to the improvement of equipment running and energy saving, cost reduction for users.

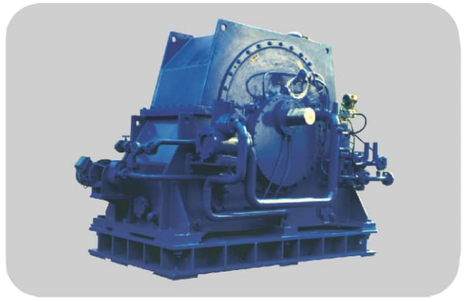
调速型液力偶合器的各种结构型式:
Structures Of Variable Speed Couplings



型式：YOTcs箱体式



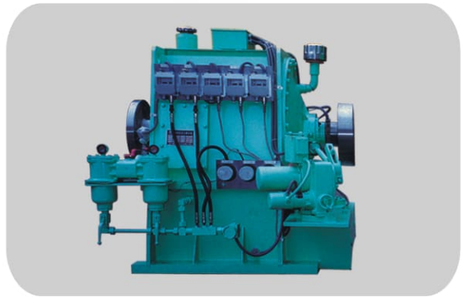
型式：YOT$_{FQZ}$型前置齿轮增速式
液力调速传动装置



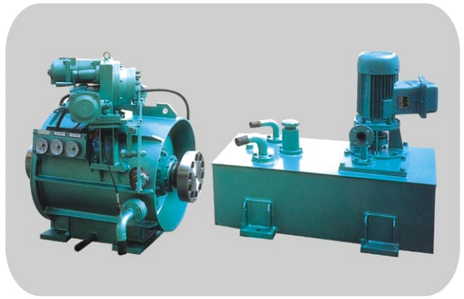
型式：YOTcp620G(620SVNL-33G)
部分滑动轴承支承型



型式：YOTcp1250中心剖分式



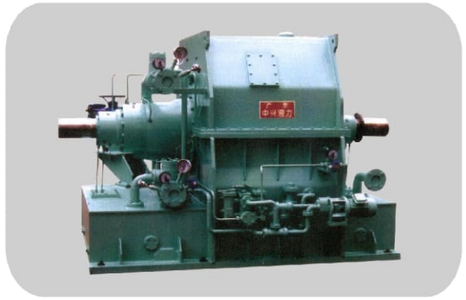
型式：SVTL型



型式：YOT$_{CF}$分体式



型式：YOT$_{CHJ}$型后置齿轮减速式
液力调速传动装置



型式：YOTch全滑动轴承支承型"

一、工作原理：

YOT系列调速型液力偶合器工作原理 使偶合器工作腔内 充入一定量的工作液（一般为32号透平油），工作轮泵轮从电动机上获得机械能，并转化为液体动能，推动涡轮旋转,涡轮把 液体动能转化为机械能，通过输出轴，带动工作机工作，周而复始，实现了从原动机到工作机之间的能量传递。调速型液力偶合器之所以能够调速，是通过偶合器的导管改变导管开度，从而改变工作腔内工作液的充满度，在电机转速不变的情况下，实现对工作机的无级调速，改变输出功率的大小。因在传递能量变化时，产生转差率会使工作液发热，所以必须配备冷却器把工作液冷却，偶合器配备有电动执行器，能接受执行控制信号并操作导管开度,亦可按用户要求配自动测速装置，可以实现手动调速或自动控制。

二、优点：

1、用于需要调速的流体机械（如风机、泵类.....）时，有显著的节电效果，节电率可达20~40%。
2、能使鼠笼式电动机空载起动，又能利用其尖峰力矩作起动力矩，提高其起动能力，缩短了电机起动时间，而使工作机滞后于电机缓慢起动。
3、用于多机驱动时，能协调功率平衡，减少电网冲击电流。
4、隔离扭振，减缓冲击，防止动力过载，保护电机，工作机，不会因过载而损坏。
5、易于实现对工作机的自动控制，操作简便。
6、提高工作机的使用寿命，减少噪音，改善了劳动环境。
7、投资少，简化电器设备，降低运行费用。
8、结构简单，可靠，无机械磨损，能在环境恶劣条件下工作，无需特殊维护，使用寿命长。

三、应用范围：

1、泵类：锅炉给水泵、循环泵、冷凝水泵、原油泵、输送泵、泥浆泵、灰渣泵、砂泵、柱塞泵。
2、风机类：转炉排烟风机、电炉除尘风机、 高炉除尘风机、高炉鼓风机、化铁炉风机、烧结风机、锅炉鼓风机和引风机、均热炉鼓风机、引风机、送风机、预热循环风机、空调风机、吹粉风机、排粉风机、送风机、通风机、高压透平式压缩机、水泥转窑窑尾风机、水泥立窑罗茨风机等。
3、其他：破碎机、离心机、搅拌机、污水暴气器，胶带输送机，圆筒造粒机，圆筒混合机，圆筒干燥机等。

I. Operation Principle

The YOT series variable speed fluid couplings are operating in the following principle: The rotating part consists of two bladed wheels -a Pump Wheel and a Turbine Wheel, the space between them is partially filled with a working fluid (#32 Turbine oil in general) . The pump Wheel is driven by motor, the rotating wheel brings the fluid into rotation and thus convert input mechanical energy into fluid energy, back to mechanical energy . The quantity of fluid in the variable speed coupling can be varied during operation by means of a scoop tube and thus it is possible to adjust the power output level to meet the requirement at any time. The speed of the driven machine can be infinitely varied. A small portion of power is lost during the transmission which could warm up the working fluid, a heat exchanger is equipped to cool down the fluid. The speed is controlled by an electric actuator which is connected with the signals of load change. A tachometer can installed for speed measurement upon customer's request. Depending on the application, the control of scoop tube can be either manual or automatic control

II. Advantages:

(1)Good power saving at about 20-40% when used with fans, pumps etc.
(2)Allow the motor to start at virtually no load, and then accelerate the driven machine at its maximum torque.
(3)Synchronize multi-motor drive.
(4)Dampens shocks and vibrations, minimize excessive torque on motor and working machine.
(5)Allow remote control on speed of drive. Step less speed adjustment.
(6)Reduce noise, improve environment and prolong service life of machine.
(7)Low investment, high reliability.
(8)Simple design, no mechanical wear, reliable even under most adverse environment, little maintenance.

III. Applications:

(1)Pumps:boiler feed pumps, circulation pumps, cooling and condensation pumps, crudeoil pumps, pipeline pumps, ash pumps, piston pumps.
(2)Fans:ventilation fans, induce draft fans, forced draft fans, blowers, compressors etc. Used in steel plants, power plants and cement plants.
(3)Others:Centrifugal machines, mixers, belt conveyors, Cylindrical granulating machines, Blenders, Drying machines etc.

四、YOTcs箱体式调速型液力偶合器
YOTcs Variable Speed Couplings

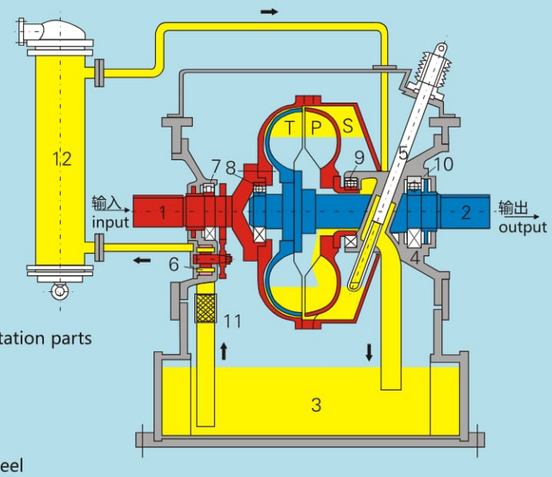
1、结构特点:

1.1 适用范围广，可在不同输入转速及功率下运行。

1.2 以箱体支承旋转组件，刚性大，抗振性好，维护保养方便。

2、结构原理简图:(见右图)

P. 泵轮　T. 涡轮　S. 导管腔
1. 输入轴　2. 输出轴　3. 箱体
4. 导管壳体　5. 导管　6. 油泵
7. 输入轴承　8. 埋入轴承　9. 泵轮轴承
10. 输出轴承　11. 吸口滤网　12. 冷却器



1.Structure characteristic

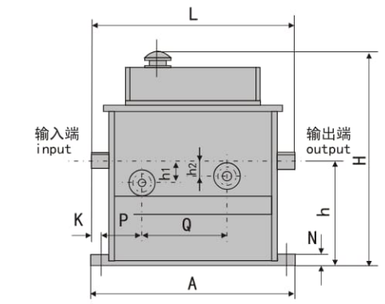
1.1. Operation under diffenert input speed & power is possible

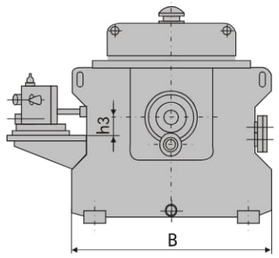
1.2. Simple in maintenance with good rigidity & anti-vibration of rotation parts

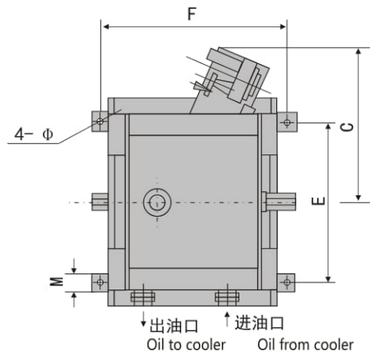
2. Figure:

P. Pump wheel　T. Turbo wheel　S. Scoop chamber
1. Input shaft　2. Output shaft　3. Housing
4. Scoop case　5. Scoop tube　6. Oil pump
7. Input bearing　8.Inset bearing　9. Bearing of pump wheel
10. Output bearing　11. Filter　12. Cooler

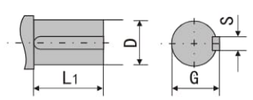
3. 外形尺寸图:
Figure of external dimension



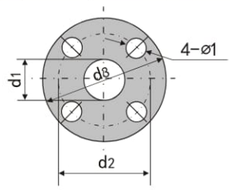




输入.输出端轴伸尺寸
Dimension of shaft ends



进出油口法兰尺寸
Flange dimension of oil inlet & outlet



注: 输入、输出端分别用一对弹性套柱销联轴器（GB4323-84）与电动机、工作机联接，有关联接尺寸由用户提供，输出端联轴器上加工测速齿圈(60齿)，或用户自行设计制造。

Note: There is a pair of connecting couplings both at input and output side (GB4323-84) connecting to motor and working machine. Dimensions are provided by users. Output side is machined with gears(60). or gears designed by users.

4.主要技术参数及外形尺寸 Main technical data & mounting dimension

规格型号 Size	输入转速 Input speed r.pm	传递功率范围 Power transmitted kw	额定转差率 Slip s%	无级调速范围 Range of speed regulating	安装尺寸 Mounting dimension (mm) A	B	C	E	F	L	P	Q	M	N	h1	h2	h3	h	H	L1	D	G	S	4-Φ	d1	d2	d3	4-Φ1	K	重量(净重) Weight kg
YOTcs320	1500	7.5–22	1.5–3	离心式机械:1–1:5； 恒扭矩机械:1–1:3	600	524	630	490	400	620	145	320	80	35	55	55	35	420	680	80	50	54	16	Ø25	Ø30	Ø90	Ø120	Ø14	110	420
	3000	60–175																												
YOTcs360	1500	15–40	1.5–3		712	912	750	680	652	830	176	380	100	40	65	65	40	560	940	120	60	64	18	Ø27	Ø30	Ø90	Ø120	Ø14	89	550
	3000	110–320																												
YOTcs400	1500	30–70	1.5–3		712	912	750	680	652	830	176	380	100	40	65	65	40	560	940	120	60	64	18	Ø27	Ø30	Ø90	Ø120	Ø14	89	600
	3000	220–540																												
YOTcs450	1500	55–120	1.5–3		1020	1120		865	940	1020	180	500	100	40	75	75		635	1375	145	75	79.5	20	Ø27	Ø54	Ø120	Ø152	Ø18	40	850
	3000	390–970																												
YOTcs500	1000	22–60	1.5–3		1020	1120		865	940	1020	180	500	100	40	75	75		635	1375	145	75	79.5	20	Ø27	Ø54	Ø120	Ø152	Ø18	40	980
	1500	90–205																												1050
	3000	670–1640																												
YOTcs560	1000	55–110	1.5–3		1020	1120		865	940	1020	180	500	100	40	75	75		635	1375	145	75	79.5	20	Ø27	Ø54	Ø120	Ø152	Ø18	40	1080
	1500	155–360																												
	3000	1180–2885	1.5–3																											1350
YOTcs580	3000	1200–3440			1160	1310		920	1080	1230	217	543	125	60	235	135		810	1594	165	95	100	25	Ø27	Ø76	Ø140	Ø178	Ø18	30	1750
YOTcs620	3000	1675–4780	1.5–3		1170	2160		1320	2060	1070	1485				90		40	900	1583	200	120	127	32	Ø35	Ø76	Ø140	Ø178	Ø18	183	2380
YOTcs650	750	40–95	1.5–3		1300	1250	950	900	1180	1300	274	680	120	50	220	75	40	840	1350	150	100	106	28	Ø35	Ø48	Ø140	Ø178	Ø18	60	1850
	1000	95–225																												
	1500	290–760																												
YOTcs750	750	80–195	1.5–3		1300	1250	950	900	1180	1300	274	680	120	50	220	75	40	840	1350	150	100	106	28	Ø35	Ø48	Ø140	Ø178	Ø18	60	2060
	1000	185–460																												
	1500	510–1555																												
YOTcs875	750	155–420	1.5–3		1700	1500	1100	1200	1580	1720	300	860	150	50	110	110	60	950	1640	250	130	137	32	Ø45	Ø57	Ø140	Ø178	Ø18	70	3320
	1000	390–995																												3750
	1500	1240–3360																												
YOTcs1000	600	170–420	1.5–3		1930	1840	1385	1250	1810	1930	272	1116	150	60	300	130	155	1060	1810	250	150	158	36	Ø35	Ø76	Ø140	Ø178	Ø18	60	5150
	750	330–820																												5350
	1000	750–1950																												
YOTcs1050	600	175–535	1.5–3		1930	1840	1385	1250	1810	1930	272	1116	150	60	300	130	155	1060	1810	250	150	158	36	Ø35	Ø76	Ø140	Ø178	Ø18	60	5300
	750	360–1045																												5550
	1000	815–2480																												
YOTcs1150	600	355–845	1.5–3		1930	1840	1385	1250	1810	1930	272	1116	150	60	300	130	155	1060	1810	250	150	158	36	Ø35	Ø76	Ø140	Ø178	Ø18	60	5800
	750	670–1650																												
	1000	1590–3905																												
YOTcs1250	500	400–740	1.5–3		2250	2180	1800	1600	1980	2250	450	950	230	80	375	175	110	1170	2150	300	160	169	40	Ø45	Ø80	Ø150	Ø190	Ø18	135	7100
	600	500–1280																												
	750	1150–2500																												
YOTcs1320	500	525–975	1.5–3		2250	2180	1800	1600	1980	2250	450	950	230	80	375	175	110	1170	2150	300	160	169	40	Ø45	Ø80	Ø150	Ø190	Ø18	135	7100
	600	690–1700																												
	750	1350–3350																												
YOTcs1400	500	650–1250	1.5–3		2400	2250	1850	1700	2200	2400	525	1350	250	80	380	180	160	1250	2250	300	180	190	45	Ø45	Ø100	Ø170	Ø210	Ø18	100	8900
	600	900–2150																												
	750	2000–4350																												
YOTcs1550	500	1150–2050	1.5–3		2550	2380	1950	1800	2300	2550	570	1420	250	80	415	200	175	1350	2500	350	210	221	50	Ø52	Ø125	Ø200	Ø240	Ø18	125	11500
	600	1500–3650																												
	750	3350–7150																												

五、YOTck箱座式调速型液力偶合器
YOTck Variable Speed Couplings

注：由于产品优化，该系列产品已不再生产，如需订备机或备件请与我司联系落实。

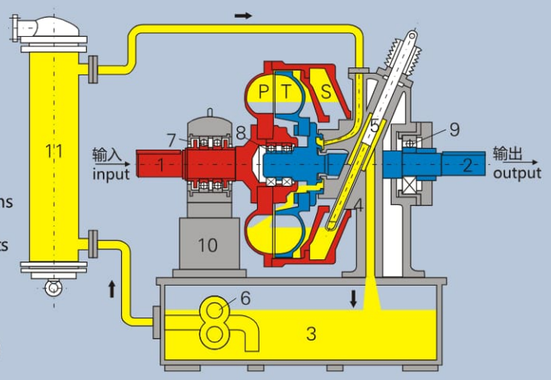
1、结构特点:

1.1 适用于转速n≤1500r/min和传递功率N≤710 kw的工况；

1.2 结构紧凑、外形尺寸小、重量轻、价格便宜。以油箱支承旋转组件轴承座，旋转件及供油系统置于油箱上，维护检查十分方便。

2、结构原理简图：（见右图）

P.泵轮　T.涡轮　S.导管腔
1.输入轴　2.输出轴　3.油箱
4.导管壳体　5.导管　6.油泵组（含电机）
7.输入轴承　8.埋入轴承　9.输出轴承
10.轴承座　11.冷却器



1.Structure characteristic

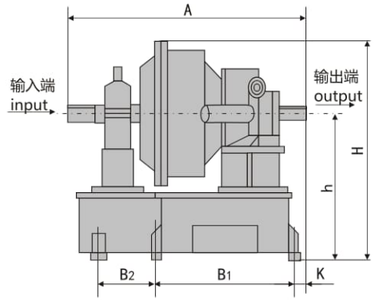
1.1. Is suitable for the condition of speed (n≤1500r/min) and power transmitted (N≤710kw),

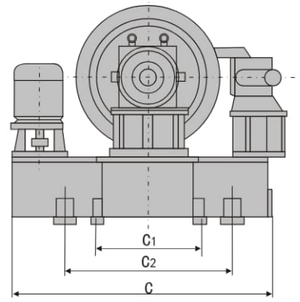
1.2. Simple in maintainence with good rigiditg & anti-vibraticn of rotation parts

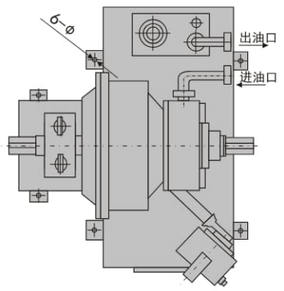
2. Figure:

P. Pump wheel　T. Turbo wheel　S. Scoop chamber
1. Input shaft　2. Output shaft　3. Oil tank
4. Scoop case　5. Scoop tube　6. Oil pump group(inc.motor)
7. Input bearing　8. Inset bearing　9. Bearing of pump wheel
10. Bearing pedestal　11. Cooler

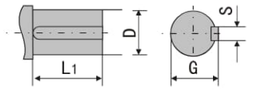
3. 外形尺寸图:
Figure of external dimension



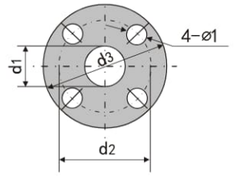




输入.输出端轴伸尺寸
Dimension of shaft ends



进出油口法兰尺寸
Flange dimension of oil inlet & outlet



注: 输入、输出端分别用一对弹性套柱销联轴器（GB4323-84）与电动机、工作机联接，有关联接尺寸由用户提供，输出端联轴器上加工测速齿圈(60齿)，或用户自行设计制造。

Note: There is a pair of connecting couplings both at input and output side (GB4323-84) connecting to motor and working machine. Dimensions are provided by users. Output side is machined with gears(60). or gears designed by users.

4.主要技术参数及外形尺寸 Main technical data & mounting dimension

规格型号 Size	输入转速 Input speed r.pm	传递功率范围 Power transmitted kw	额定转差率 Slip s%	无级调速范围 Range of speed regulating	安装尺寸 Mounting dimension (mm) A	B1	B2	C	C1	C2	h	H	K	4-ø	L	D	G	S	d1	d2	d3	4-ø1	重量(净重) Weight kg
YOTck220	1000	0.4–1	1.5-3	离心式机械:1–1:5；恒扭矩机械:1–1:3	690	470		800		350	405	540	60	20	90	50	53.5	14	35	75	100	13	250
	1500	1.5–3.5																					
YOTck250	1000	0.75–2	1.5–3		690	470		800		350	405	558	60	20	90	50	53.5	14	35	75	100	13	260
	1500	3–6.5																					
YOTck280	1000	1.5–3.5	1.5–3		690	470		800		350	405	575	60	20	90	50	53.5	14	35	75	100	13	275
	1500	5.5–12																					
YOTck320	1000	3–6.5	1.5–3		690	470		800		350	405	600	60	20	90	50	53.5	14	35	75	100	13	300
	1500	7.5–22																					
YOTck360	1000	5.5–12	1.5–3		925	420	200	1170	450	600	500	722	90	22	115	70	74.5	20	35	75	100	13	410
	1500	15–40																					
YOTck400	1000	7.5–20	1.5–3		925	420	200	1170	450	600	500	740	90	22	115	70	74.5	20	35	75	100	13	450
	1500	30–70																					
YOTck450	1000	15–36	1.5–3		925	420	200	1170	450	600	500	765	90	22	115	70	74.5	20	35	75	100	13	500
	1500	55–120																					
YOTck500	1000	22–60	1.5–3		1050	520	260	1200	500	700	550	735	37	22	160	90	95	25	35	75	100	13	620
	1500	90–205																					
YOTck560	1000	55–110	1.5–3		1050	560	260	1370	500	700	650	965	37	22	160	90	95	25	35	75	100	13	660
	1500	155–360																					
YOTck650	1000	95–225	1.5–3		1050	560	260	1370	500	700	650	1015	37	22	160	90	95	25	35	75	100	13	700
	1500	290–760																					
YOTck750	750	80–185	1.5–3		1450	800	300	1620	700	1000	800	1223	80	35	210	130	137	32	62	125	160	18	1150
	1000	185–460																					
	1500	510–1555																					
YOTck875	600	85–215	1.5–3		1450	800	300	1620	700	1000	800	1293	80	35	210	130	137	32	62	125	160	18	1350
	750	155–420																					
	1000	390–995																					

六、YOTcp中心剖分式调速型液力偶合器
YOTcp Variable Speed Couplings

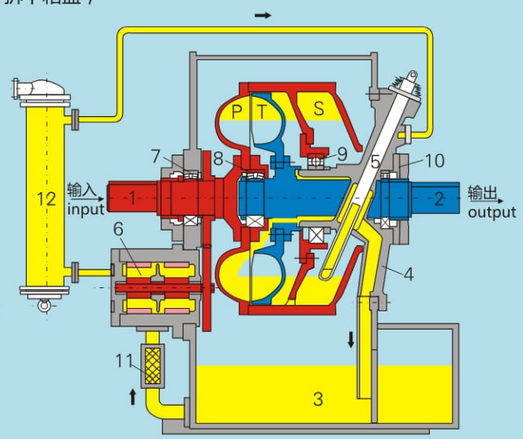
1、结构特点:

1.1 适用于中、高转速及中、大功率工况的大规格产品，价格比YOTcs 系列产品稍高。

1.2 以旋转件轴线把箱体分成两部分，结构紧凑，刚性好，可靠性高。拆下箱盖，无需移动电机、工作机便可拆出旋转件，维护检修方便。

2、结构原理简图:(见右图)

P.泵轮	T.涡轮	S.导管腔
1.输入轴	2.输出轴	3.箱体
4.导管壳体	5.导管	6.油泵
7.输入轴承	8.埋入轴承	9.泵轮轴承
10.输出轴承	11.吸口滤网	12.冷却器



1.Structure characteristic

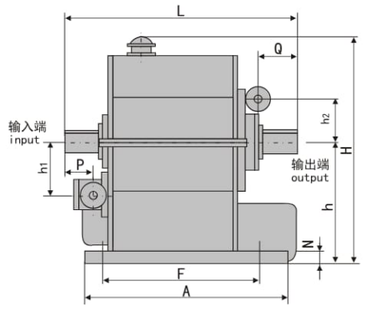
1.1. Suitable for high speed & large power. It's price is about a little higher than YOTcs's

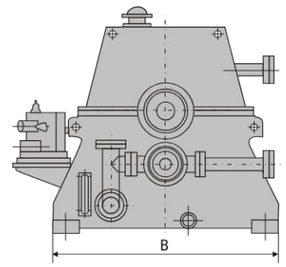
1.2. Rotation parts can be removed without moving motor and working machine. Easy maintenance.

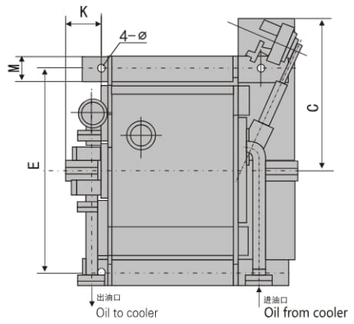
2. Figure:

P. Pump wheel	T. Turbo wheel	S. Scoop chamber
1. Input shaft	2. Output shaft	3. Housing
4. Scoop case	5. Scoop tube	6. Oil pump
7. Input bearing	8. Inset bearing	9. Bearing of pump wheel
10. Output bearing	11. Filter	12. Cooler

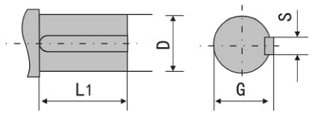
3. 外形尺寸图:
Figure of external dimension







输入.输出端轴伸尺寸
Dimension of shaft ends



注: 输入、输出端分别用一对弹性套柱销联轴器（GB4323-84）与电动机、工作机联接，有关联接尺寸由用户提供，输出端联轴器上加工测速齿圈(60齿)，或用户自行设计制造。

Note: There is a pair of connecting couplings both at input and output side (GB4323-84) connecting to motor and working machine. Dimensions are provided by users. Output side is machined with gears(60). or gears designed by users.

4.主要技术参数及外形尺寸 Main technical data & mounting dimension

规格型号 Size	输入转速 Input speed r.pm	传递功率范围 Power transmitted kw	额定转差率 Slip s%	无级调速范围 Range of speed regulating	安装尺寸 Mounting dimension (mm) A	B	C	K	E	F	L	P	Q	M	N	h_1	h_2	h	H	L_1	D	G	S	4-Ø	重量(净重) Weight kg
YOTcp360	1500	15–40	1.5–3	离心式机械:1-1/5；恒扭矩机械:1-1/3	712	912	750	89	680	625	830	150	150	100	40	250	220	560	940	120	60	64	18	Ø27	525
	3000	110–320																							
YOTcp400	1500	30–70	1.5–3		712	912	750	89	680	625	830	150	150	100	40	250	220	560	940	120	60	64	18	Ø27	680
	3000	220–540																							
YOTcp450	1500	55–120	1.5–3		1020	1185	1110	40	865	940	1020	110	230	120	40	285	75	635	1285	145	75	79.5	20	Ø27	960
	3000	390–970																							
YOTcp500	1500	90–205	1.5–3		1020	1185	1110	40	865	940	1020	110	230	120	40	285	75	635	1285	145	75	79.5	20	Ø27	1180
	3000	670–1640																							1250
YOTcp530	3000	900–2150	1.5–3		1020	1185	1110	40	865	940	1020	110	230	120	40	285	75	635	1285	145	75	79.5	20	Ø27	1350
YOTcp560	1000	55–110	1.5-3		1020	1185	1110	40	865	940	1020	110	230	120	40	285	75	635	1285	145	75	79.5	20	Ø27	1400
	1500	155–360																							
YOTcp650	1000	95–225	1.5–3		1000	1550	1035	152.5	1450	800	1200	175	230	120	45	315	195	750	1385	150	100	106	28	Ø35	1550
	1500	290–760																							
YOTcp750	750	80–195	1.5–3		1000	1550	1035	152.5	1450	800	1200	175	230	120	45	315	195	750	1385	150	100	106	28	Ø35	1750
	1000	185–460																							
	1500	510–1555																							
YOTcp800	750	100–265	1.5–3		1150	1600	1050	220	1500	950	1400	185	190	120	45	375	250	850	1550	210	130	137	32	Ø35	2500
	1000	250–635																							
	1500	790–2150																							
YOTcp875	750	155–420	1.5–3		1150	1600	1050	220	1500	950	1400	185	190	120	45	375	250	850	1550	210	130	137	32	Ø35	2750
	1000	390–995																							
	1500	1240–3360																							
YOTcp910	600	115–280	1.5–3		1150	1600	1050	220	1500	950	1400	185	190	120	45	375	250	850	1550	210	130	137	32	Ø35	3150
	750	235–530																							
	1000	500–1250																							
YOTcp1000	600	170–420	1.5-3		1150	1750	1250	220	1650	950	1500	190	235	135	45	375	180	900	1650	250	150	158	36	Ø35	4150
	750	330–820																							
	1000	750–1950																							4750
YOTcp1050	600	175–535	1.5-3		1500	1850	1300	235	1750	1300	1750	340	225	120	50	320	200	1150	1950	250	150	158	36	Ø35	5150
	750	360–1045																							
	1000	815–2480																							
YOTcp1150	600	355–845	1.5–3		1500	1850	1300	235	1750	1300	1750	340	225	120	50	320	200	1150	1950	250	150	158	36	Ø35	5500
	750	670–1650																							
	1000	1590–3905																							
YOTcp1250	500	400–740	1.5–3		2050	2150	1650	135	1600	1980	2250	570	325	200	70	310	175	1170	2150	300	160	169	40	Ø40	7550
	600	500–1280																							
	750	1150–2500																							
YOTcp1320	500	525–975	1.5–3		2050	2150	1650	135	1600	1980	2250	570	325	200	70	310	175	1170	2150	300	160	169	40	Ø40	7850
	600	690–1700																							
	750	1350–3350																							
YOTcp1400	500	650–1250	1.5–3		2500	2350	1700	200	1750	2000	2500	555	1550	200	70	385	200	1350	2350	320	200	210	45	Ø45	8850
	600	900–2150																							
	750	2000–4350																							
YOTcp1550	500	1150–2050	1.5–3		2500	2350	1700	200	1750	2000	2500	555	1550	200	70	385	200	1350	2350	320	200	210	45	Ø45	9500
	600	1500–3650																							
	750	3350–7150																							

注：YOTcp875在输入转速1500r/min时外形尺寸可能与本表不同

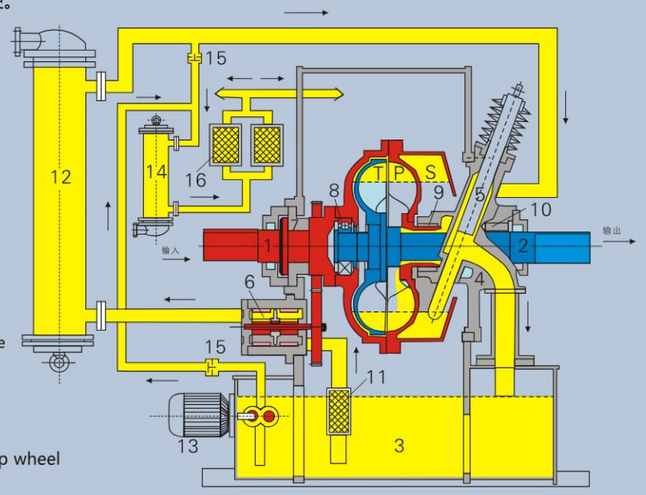
七、YOTcp-G中心剖分式部分滑动轴承支承调速型液力偶合器
YOTcp-G Variable Speed Couplings With Partial Sliding Bearings

1、结构特点:

1.1、适用于高转速及中、大功率工况及大规格产品。
1.2、以旋转轴线的水平面把箱体分成两部分，结构紧凑、刚性好，可靠性高。拆下箱盖，可方便地检查，无需移动电机、工作机便可拆出旋转件，维护检修方便。
1.3、主要支承旋转件的轴承为滑动轴承，轴承使用寿命长。

2、结构原理简图:(见右图)

P 泵轮　T.涡轮　S.导管腔
1. 输入轴　2 .输出轴　3.箱体
4 .导管壳体　5 导管　6 .油泵
7.输入轴承　8 .埋入轴承　9 .泵轮轴承
10. 输出轴承　11. 吸口滤网　12.主冷却器
13. 辅助润滑油泵　14 .润滑油冷却器　15 .单向阀
16. 双联滤油器



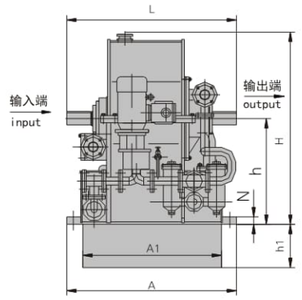
1.Structure characteristic

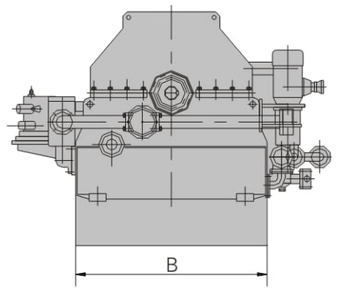
1.1. Suitable for high speed and middle 、large power and big size.
1.2. The housing is seprated into two parts. Easy maintenance.
1.3. The bearing for rotation parts is sliding bearing, which has long life

2. Figure:

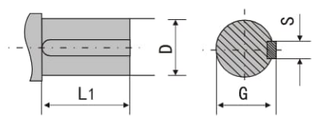
P. Pump wheel　T. Turbo wheel　S. Scoop chamber
1. Input shaft　2. Output shaft　3. Housing
4. Scoop case　5. Scoop tube　6. Oil pump
7. Input bearing　8. Inset bearing　9. Bearing of pump wheel
10. Output bearing　11. Filter　12. Main Cooler
13. Aux.lub.Pump　14. Lub. oil cooler　15. Single-way valve
16. Duplex filter

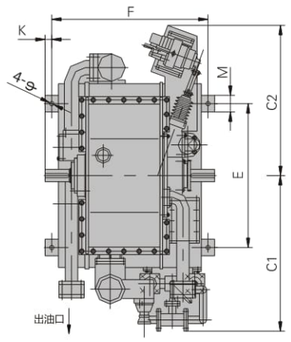
3. 外形尺寸图:
Figure of external dimension





输入.输出端轴伸尺寸
Dimension of shaft ends





注: 输入、输出端分别用一对弹性联轴器与电动机、工作机联接，有关联接尺寸由用户提供，输出端联轴器上加工测速齿圈(60齿)，或用户自行设计制造。

Note: There is a pair of connecting couplings both at input and output side (GB4323-84) connecting to motor and working machine. Dimensions are provided by users. Output side is machined with gears(60). or gears designed by users.

4.主要技术参数及外形尺寸 Main technical data & mounting dimension

规格型号 Size	输入转速 Input speed r.pm	传递功率范围 Power transmitted kw	额定转差率 Slip s%	调速范围 Range of speed regulating	安装尺寸 Mounting dimension (mm)																		重量(净重) Weight kg
					A	A1	B	C1	C2	K	E	F	L	M	N	h1	h	H	L1	D	G	S	4-φ	
YOTcp360G	3000	110-320	1.5-3	离心式机械1-1/5；恒力矩机械1-1/3	712	650	912	800	750	89	680	625	830	100	40	200	560	940	120	60	64	18	φ27	720
YOTcp400G	3000	220-540			712	650	912	800	750	89	680	625	830	100	40	200	560	940	120	60	64	18	φ27	780
YOTcp450G	3000	390-970			1020	650	1185	950	900	40	865	940	1020	120	40	200	635	1150	145	75	79.5	20	φ27	1250
YOTcp500G	3000	670-1640			1020	650	1185	950	900	40	865	940	1020	120	40	200	635	1150	145	75	79.5	20	φ27	1450
YOTcp530G	3000	900-2150			1020	650	1185	950	900	40	865	940	1020	120	40	200	635	1150	145	75	79.5	20	φ27	1600
YOTcp560G	3000	1180-2885			1160		1310	1200	1150	30	920	1080	1230	125	55		810	1150	165	95	100	25	φ27	1950
YOTcp580G	3000	1200-3440			1160		1310	1200	1150	30	920	1080	1230	125	55		810	1150	165	95	100	25	φ27	2150
YOTcp620G	3000	1675-4780			1170		2160	1320	1100	183	2060	1070	1485	200	50		900	1583	200	120	127	32	φ35	2750
YOTcp650G	3000	2500-5800			1170		2160	1320	1100	183	2060	1070	1485	200	50		900	1583	200	120	127	32	φ35	3150
YOTcp680G	1500	3000-7150			1250		2250	1350	1150	165	2130	1130	1620	200	55		950	1600	210	130	137	32	φ35	3550
YOTcp800G	1500	790-2150			1700		1500	1200	1100	70	1200	1580	1720	150	50	200	950	1600	210	130	137	32	φ35	3500
YOTcp875G	1500	1240-3360			1700		1500	1200	1100	70	1200	1580	1720	150	50	200	950	1600	210	130	137	32	φ35	3750
YOTcp910G	1500	1600-4350			1700		1500	1200	1100	70	1200	1580	1720	150	50	200	950	1600	210	130	137	32	φ35	3900
YOTcp1000G	1500	2500-6250			1930		1840	1350	1385	60	1250	1810	1930	150	50	150	1060	1950	250	150	158	36	φ35	5650
YOTcp1050G	1000	3150-7950			1930		1840	1350	1385	60	1250	1810	1930	150	50	150	1060	1950	250	150	158	36	φ35	5720
YOTcp115G	1000	1590-3905			1930		1840	1350	1385	60	1250	1810	1930	150	50	150	1060	1950	250	150	158	36	φ35	5950
YOTcp1250G	1000	2350-5950			2250		2180	1650	1800	80	1600	1980	2250	180	65	150	1170	2150	300	180	190	45	φ45	8200
YOTcp1320G	750	1350-3350			2250		2180	1650	1800	80	1600	1980	2250	180	65	150	1170	2150	300	180	190	45	φ45	8850

八、YOTch全滑动轴承支承调速型液力偶合器

YOTch Variable Speed Couplings With Full Sliding Bearings

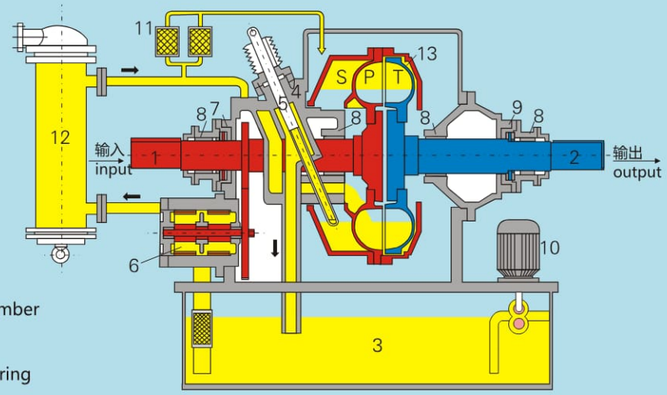
1、结构特点:

1.1 采用滑动轴承支承旋转件；适用于大功率、高转速传动要求的偶合器。

1.2 结构复杂，紧凑，监控仪表齐全，维护检修方便。

2、结构原理简图:(见右图)

P.泵轮　T.涡轮　S.导管腔
1.输入轴　2.输出轴　3.箱体
4.导管壳体　5.导管　6.油泵
7.止推轴承　8.滑动轴承　9.止推轴承
10.辅助润滑油泵　11.双联滤油器　12.冷却器
13.易熔塞



1.Structure characteristic

1.1. Suitable to large power and high speed.

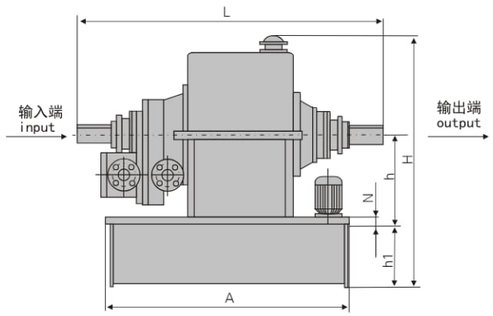
1.2. Easy for maintenance.

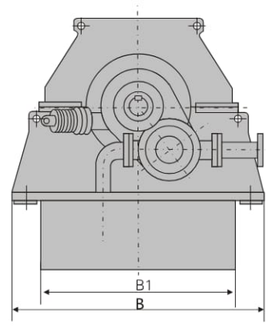
2. Figure:

P. Pump wheel　T. Turbo wheel　S. Scoop chamber
1. Input shaft　2. Output shaft　3. Housing
4. Scoop case　5. Scoop tube　6. Oil pump
7. Thrust bearing　8.Sliding bearing　9. Thrust bearing
10. Aux. lub. Pump　11. Duplex filter　12. Cooler
13. Fusible plug

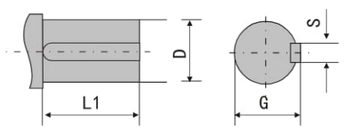
3. 外形尺寸图:

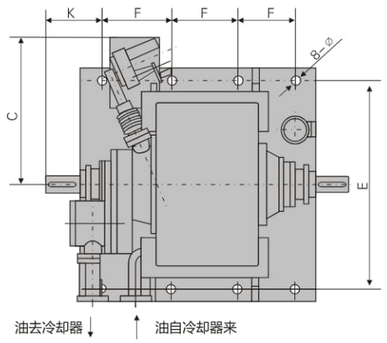
Figure of external dimension





输入.输出端轴伸尺寸
Dimension of shaft ends





注: 输入、输出端分别用一对弹性套柱销联轴器（GB4323-84）与电动机、工作机联接，有关联接尺寸由用户提供，输出端联轴器上加工测速齿圈(60齿)，或用户自行设计制造。

Note: There is a pair of connecting couplings both at input and output side (GB4323-84) connecting to motor and working machine. Dimensions are provided by users. Output side is machined with gears(60). or gears designed by users.

4.主要技术参数及外形尺寸 Main technical data & mounting dimension

规格型号 Size	输入转速 Input speed r.pm	传递功率范围 Power transmitted kw	额定转差率 Slip s%	无级调速范围 Range of speed regulating	安装尺寸 Mounting dimension (mm)																重量(净重) Weight kg
					A	B	B1	C	K	E	F	L	N	h	h1	H	L1	D	G	S	8-Ø	
YOTch500	3000	670–1640	1.5–3	恒扭矩机械：1–1/3 离心式机械：1–1/5	1045	1200		1050	175	1100	945	1500	50	700		1285	150	Ø75	79.5	20	Ø27	1850
YOTch560	3000	1180–2885	1.5–3		1550	1350	1050	1150	215	1200	475	1750	50	810	200	1450	170	Ø95	100	25	Ø27	2350
YOTch580	3000	1200–3440	1.5–3		1550	1350	1050	1150	215	1200	475	1750	50	810	200	1450	170	Ø95	100	25	Ø27	2550
YOTch620	3000	1675–4780	1.5–3		1800	1450	1150	1200	235	1300	560	2050	55	900	250	1600	200	Ø120	127	32	Ø35	3750
YOTch650	3000	2500–5850	1.5–3		1850	1500	1200	1250	250	1350	575	2200	55	900	250	1600	250	Ø135	143	36	Ø35	4150
YOTch680	3000	2800–7150	1.5–3		1850	1500	1200	1250	250	1350	575	2200	55	900	250	1600	250	Ø135	143	36	Ø35	4500
YOTch910	1500	1600–4350	1.5–3		2000	1650	1300	1400	250	1500	615	2500	65	950	300	2100	250	Ø135	143	36	Ø42	7100
YOTch1000	1500	2500–6250	1.5–3		2200	1850	1450	1500	300	1700	375	2650	65	950	350	2250	250	Ø150	158	36	Ø42	7800
YOTch1050	1500	3150–7950	1.5–3		2200	1850	1450	1500	300	1700	375	2650	65	950	350	2250	250	Ø150	158	36	Ø42	8500
YOTch1150	1000	1590–3905	1.5–3		2200	1850	1450	1500	300	1700	375	2650	65	950	350	2250	250	Ø150	158	36	Ø42	9200
YOTch1250	1000	2350–5950	1.5–3		2750	2500	2100	2000	325	1925	850	3250	65	1000	375	2400	300	Ø180	190	45	Ø45	12500
YOTch1320	750	1350–3350	1.5–3		2750	2500	2100	2000	325	1925	850	3250	65	1000	375	2400	300	Ø180	190	45	Ø45	13200
YOTch1400	750	2000–4350	1.5–3		3000	2750	2350	2000	350	2100	925	3500	65	1050	375	2550	300	Ø210	221	50	Ø45	14500
YOTch1550	750	3350–7150	1.5–3		3000	2750	2350	2000	350	2100	925	3500	65	1050	375	2650	300	Ø210	221	50	Ø45	15500

九、YOTCF分体式调速型液力偶合器
YOTCF Variable Speed Couplings With Separated Layout

1、结构特点:

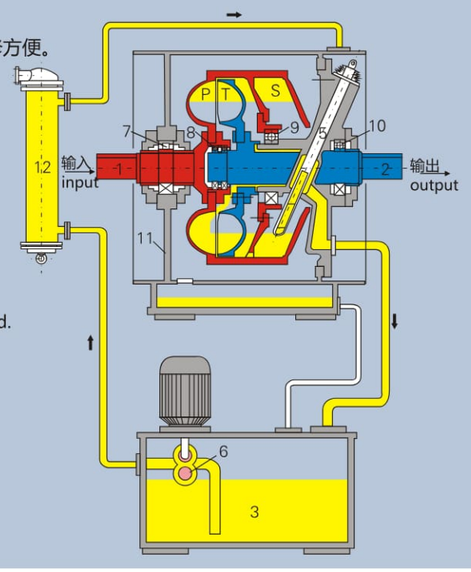
1.1 适用于转速n≤1500r/min和功率N≤710kw的工况。

1.2 中心高小，主机与油箱分离安装，结构简单，紧凑安装尺寸小、安装检修方便。

1.3 适用于煤矿井下可移动式胶带输送机使用。

2、结构原理简图:(见右图)

P. 泵轮	T. 涡轮	S. 导管腔
1. 输入轴	2. 输出轴	3. 箱体
4. 导管壳体	5. 导管	6. 油泵
7. 输入轴承	8. 埋入轴承	9. 壳体轴承
10. 输出轴承	11. 筒体	12. 冷却器



1.Structure characteristic

1.1. Is suitable for the condition of speed (n≤1500r/min) and power transmitted. (N≤710kw) cheap in price

1.2. Centre height is low, can be installed with separated couplings & oil tank.

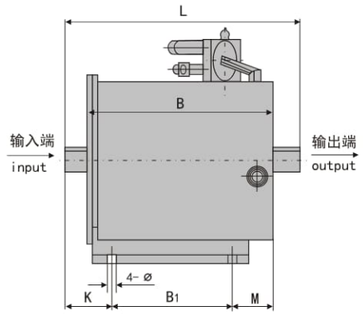
1.3. Used for the belt conveyor underground.

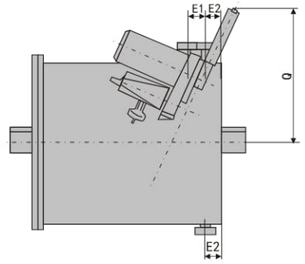
2. Figure:

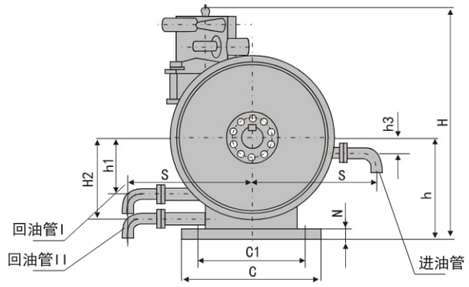
P. Pump wheel	T. Turbo wheel	S. Scoop chamber
1. Input shaft	2. Output shaft	3. Housing
4. Scoop case	5. Scoop tube	6. Oil pump
7. Input bearing	8.Inset bearing	9. Case bearing
10. Output bearing	11.Cylinder	12. Cooler

3. 外形尺寸图:
Figure of external dimension

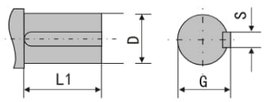
3.1 主机外形尺寸图
External layout of working machine







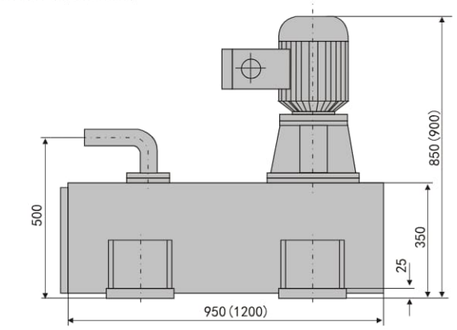
输入.输出端轴伸尺寸
Dimension of shaft ends

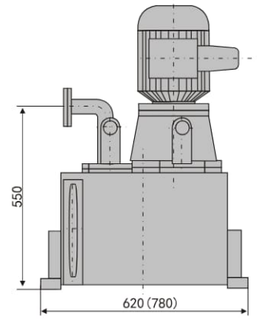


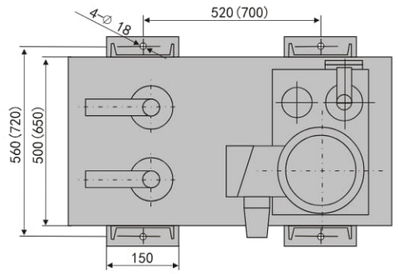
注: 输入、输出端分别用一对弹性套柱销联轴器（GB4323-84）与电动机、工作机联接，有关联接尺寸由用户提供，输出端联轴器上加工测速齿圈(60齿)，或用户自行设计制造。

Note: There is a pair of connecting couplings both at input and output side (GB4323-84) connecting to motor and working machine. Dimensions are provided by users. Output side is machined with gears(60). or gears designed by users.

3.2 油箱尺寸
Dimension of oil tank







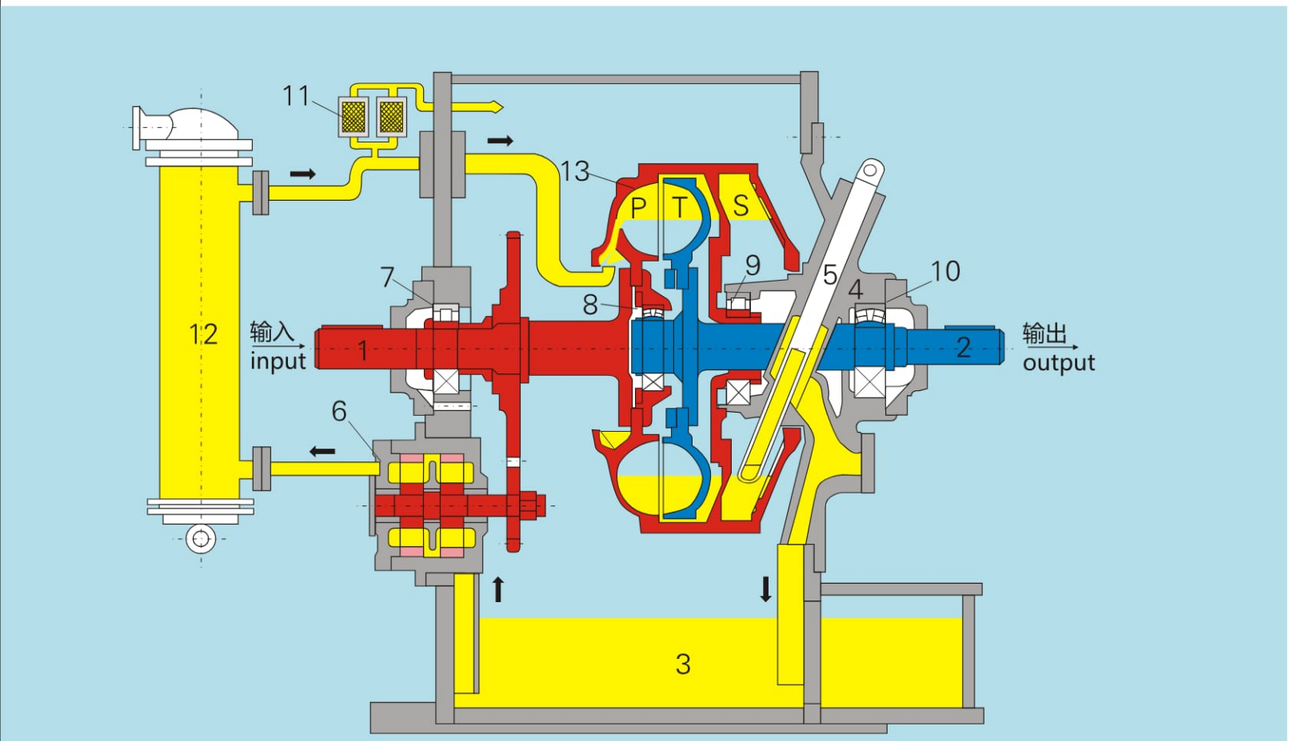
备注：图中尺寸为YOTCF450、500、560、650油箱尺寸，括号内尺寸为YOTCF750、875油箱尺寸。

Note: Figures in brackets are dimensions of YOTCF750,850, while others are YOTCF450、500、560、650。

4.主要技术参数及外形尺寸 Main technical data & mounting dimension

规格型号 Size	输入转速 Input speed r.pm	传递功率范围 Power transmitted kw	额定转差率 Slip s%	无级调速范围 Range of speed regulating	安装尺寸 Mounting dimension (mm) A	B	B1	C	C1	C2	E1	E2	H	h	K	M	P	Q	S	h1	h2	h2	N	重量(净重) Weight kg
YOTCF450	1000	15–36	1.5–3	离心式机械:1–1/5 恒扭矩机械:1–1/3	920	650	400	480	380	50	250	60	920	350	250	120	395	450	420	80	310	60	25	820
	1500	55–120																						
YOTCF500	1000	22–60	1.5–3		1050	745	450	620	500	60	295	85	1050	400	325	150	514	535	460	145	410	80	30	940
	1500	90–205																						
YOTCF560	1000	55–110	1.5–3		1050	745	450	620	500	60	295	85	1110	450	325	150	514	600	500	145	410	80	35	1050
	1500	155–360																						
YOTCF650	1000	95–225	1.5–3		1050	745	450	620	500	60	295	85	1200	520	325	150	514	700	600	145	410	80	35	1130
	1500	290–760																						
YOTCF750	750	80–195	1.5–3		1450	950	600	720	600	60	340	120	1320	560	425	175	685	770	660	150	500	100	35	1450
	1000	185–460																						
YOTCF875	750	155–420	1.5–3		1450	950	600	720	600	60	340	120	1320	600	425	175	685	835	720	150	530	100	35	1600
	1000	390–995																						

十、SVTL调速型液力偶合器
SVTL Variable Speed Couplings



1、结构特点:

1.1 引进德国VOITH公司全套系列图纸和技术的专利产品。

1.2 结构简单紧凑；尺寸小；重量轻；外形美观；监控仪表齐全，维护检修方便。

2、结构原理简图:(见上图)

P.泵轮	T.涡轮	S.导管腔	1.输入轴	2.输出轴	3.箱体
4.导管壳体	5.导管	6.油泵	7.输入轴承	8.埋入轴承	9.泵轮轴承
10.输出轴承	11.双联滤油器	12.冷却器	13.易熔塞		

1.Structure characteristic

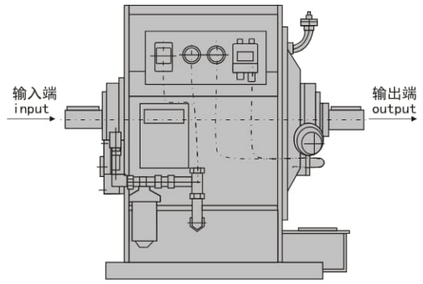
1.1. Know-how transfer from voith

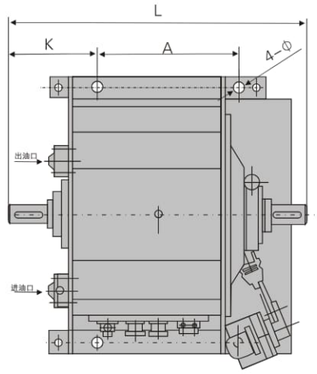
1.2. Easy maintenance with complete control instrument

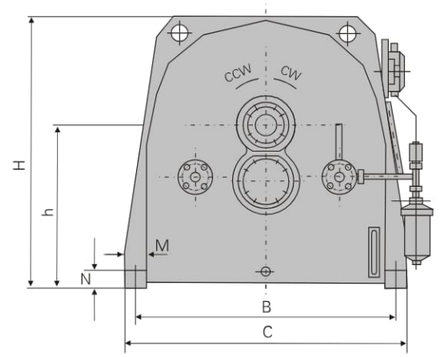
2. Figure:

P. Pump wheel	T. Turbo wheel	S. Scoop chamber	1. Input shaft
2. Output shaft	3. Housing	4. Scoop case	5. Scoop tube
6. Oil pump	7. Input bearing	8.Inset bearing	9. Bearing of pump wheel
10. Output bearing	11.Duplex filter	12. Cooler	13. Fusible plug

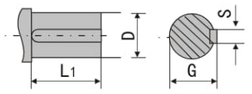
3. 外形尺寸图:
Figure of external dimension



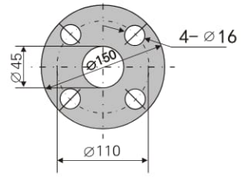




输入.输出端轴伸尺寸
Dimension of shaft ends



进出油口法兰尺寸
Flange dimension of oil inlet & outlet



注: 输入、输出端分别用一对弹性套柱销联轴器（GB4323-84）与电动机、工作机联接，有关联接尺寸由用户提供，输出端联轴器上加工测速齿圈(60齿)，或用户自行设计制造。

Note: There is a pair of connecting couplings both at input and output side (GB4323-84) connecting to motor and working machine. Dimensions are provided by users. Output side is machined with gears(60). or gears designed by users.

4.主要技术参数及外形尺寸 Main technical data & mounting dimension

规格型号 Size	输入转速 Input speed r.pm	传递功率范围 Power transmitted kw	额定转差率 Slip s%	无级调速范围 Range of speed regulating	安装尺寸 Mounting dimension (mm) A	B	C	L	h	H	K	M	N	E	F	P	4-Ø	L1	D	S	G	重量(净重) Weight kg
SVTL487	1000	25–55	1.5–3	离心式机械:1–1/5 恒扭矩机械:1–1/3	620	1000	1060	1145	630	1030	260	60	30	330	240	880	23	140	70	20	74.5	750
	1500	80–180																				
SVTL562	1000	55–110	1.5–3		620	1000	1060	1145	630	1030	260	60	30	330	240	920	23	140	70	20	74.5	850
	1500	155–370																				
SVTL650	750	40–95	1.5–3		680	1200	1300	1310	750	1260	313	100	35	440	200	955	40	170	80	22	85	1350
	1000	95–225																				
	1500	290–760																				
SVTL750	750	80–195	1.5–3		680	1200	1300	1310	750	1260	313	100	35	440	200	955	40	170	80	22	85	1450
	1000	185–460																				
	1500	510–1555																				
SVTL875	600	80–215	1.5–3		780	1350	1470	1470	850	1450	370	120	50	440	245	1085	40	180	130	32	137	2150
	750	155–420																				
	1000	390–995																				

十一、YOTCL立式调速型液力偶合器
YOTCL Variable Speed Couplings

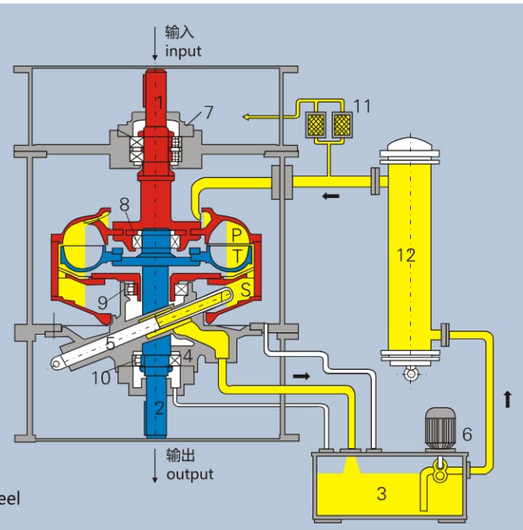
1、结构特点:

1.1 该系列产品的安装型式为垂直安装调速型液力偶合器；主机与油箱分离配置。

1.2 结构简单、紧凑，维护检修方便。

2、结构原理简图:(见右图)

P. 泵轮	T. 涡轮	S. 导管腔
1. 输入轴	2. 输出轴	3. 箱体
4. 导管壳体	5. 导管	6. 油泵
7. 输入轴承	8. 埋入轴承	9. 泵轮轴承
10. 输出轴承	11. 双联滤油器	12. 冷却器



1.Structure characteristic

1.1. Vertical mounting.

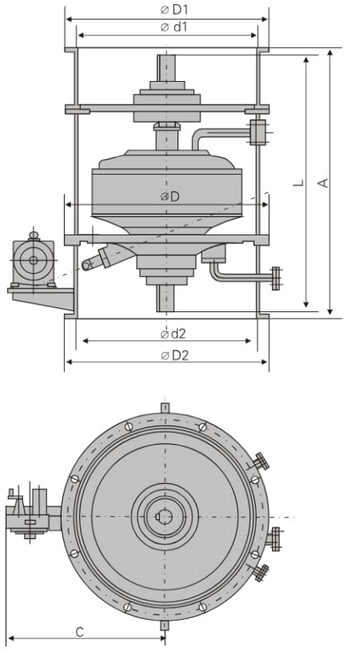
1.2. Easy for maintenance

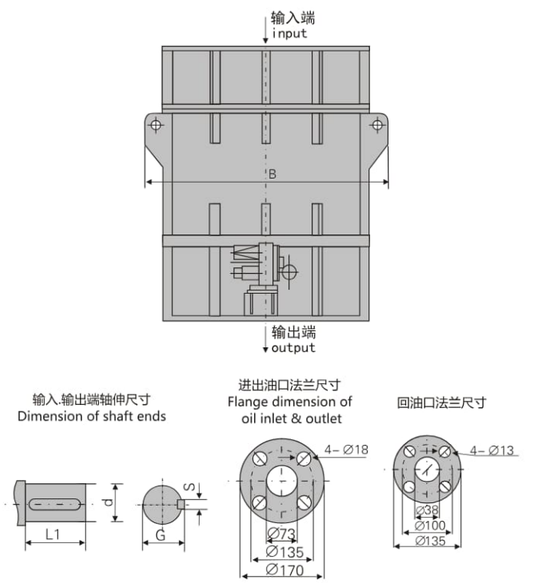
2. Figure:

P. Pump wheel	T. Turbo wheel	S. Scoop chamber
1. Input shaft	2. Output shaft	3. Housing
4. Scoop case	5. Scoop tube	6. Oil pump
7. Input bearing	8.Inset bearing	9. Bearing of pump wheel
10. Output bearing	11.Duplex filter	12. Cooler

3. 外形尺寸图:
Figure of external dimension

3.1 主机外形尺寸图
External layout of working machine

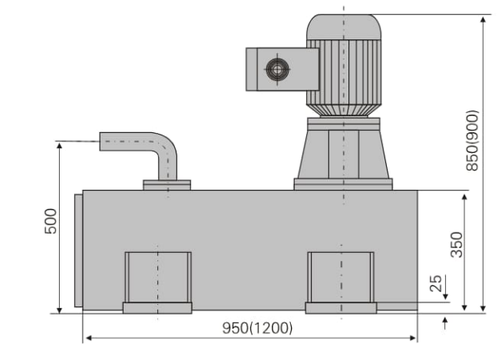


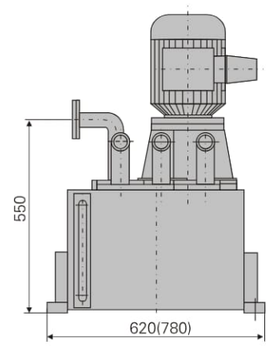


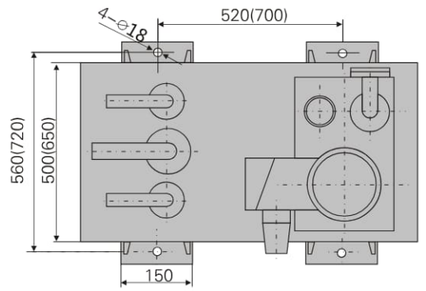
注: 输入、输出端分别用一对弹性套柱销联轴器（GB4323-84）与电动机、工作机联接，有关联接尺寸由用户提供，输出端联轴器上加工测速齿圈(60齿)，或用户自行设计制造。

Note: There is a pair of connecting couplings both at input and output side (GB4323-84) connecting to motor and working machine. Dimensions are provided by users. Output side is machined with gears(60). or gears designed by users.

3.2 油箱外形尺寸
Dimension of oil tank







备注：图中尺寸为YOTCL450、500、560、650油 箱尺寸，括号内尺寸为YOTCL750、875油箱尺寸。

Note: Figures in brackets are dimensions of YOTCL750, 850,while others are YOTCL450、500、560、650。

4.主要技术参数及外形尺寸 Main technical data & mounting dimension

规格型号 Size	输入转速 Input speed r.pm	传递功率范围 Power transmitted kw	额定转差率 Slip s%	无级调速范围 Range of speed regulating	安装尺寸 Mounting dimension (mm)												重量(净重) Weight kg
					A	B	C	L	D	D1	d1	D2	d2	L1	d	S	G	
YOTCL450	1000	15–36	1.5–3	离心式机械:1–1/5 恒扭矩机械:1–1/3	按用户提供的尺寸相匹配	800	650	1100	750	与用户提供的电机法兰尺寸相匹配	与用户提供的电机法兰尺寸相匹配	与用户提供的工作机法兰尺寸相匹配	与用户提供的工作机法兰尺寸相匹配	140	70	20	74.5	750
	1500	55–120																
YOTCL500	1000	22–60	1.5–3			850	700	1100	800					140	70	20	74.5	830
	1500	90–205																
YOTCL560	1000	55–110	1.5–3			900	775	1100	850					140	70	20	74.5	950
	1500	155–370																
YOTCL650	750	40–95	1.5–3			1050	850	1275	1000					170	80	22	85	1350
	1000	95–225																
	1500	290–760																
YOTCL750	750	80–195	1.5–3			1150	900	1275	1080					170	80	22	85	1600
	1000	185–460																
	1500	510–1555																
YOTCL875	750	155–420	1.5–3			1250	950	1400	1200					180	130	32	137	2250
	1000	390–995																

十二、YOTCHJ后置齿轮减速式液力调速传动装置
YOTCHJ Power Transmission Device With Gearing Behind For Speed Reduction

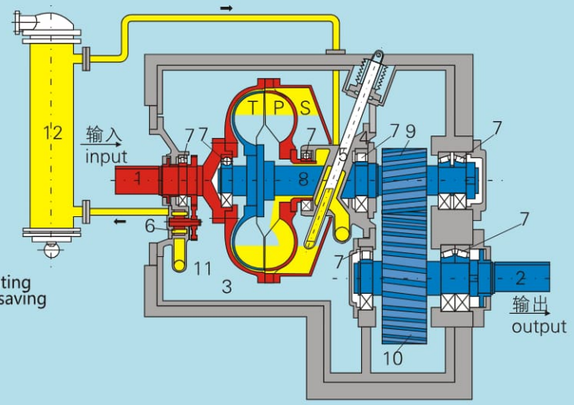
1、结构特点:

1.1 适用于电动机与工作机的额定转速有较大差异的场合。

1.2 匹配合理, 使工作机获得最佳的调速范围; 提高传动效率, 取得更好的节电效果。

2、结构原理简图:(见右图)

P.泵轮	T.涡轮	S.导管腔
1.输入轴	2.输出轴	3.箱体
4.导管壳体	5.导管	6.油泵
7.轴承	8.涡轮轴	9.主动齿轮
10.从动齿轮	11.吸口滤网	12.冷却器



1.Structure characteristic

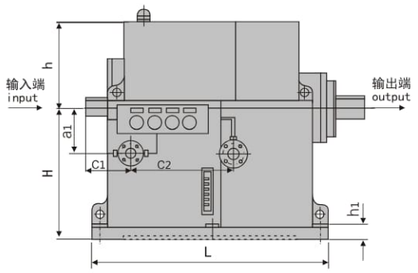
1.1. Suitable for application with large speed difference between motor and working machine

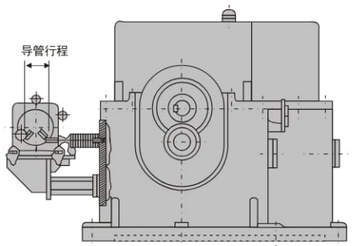
1.2. With reasonable adaption, the working machine obtains best regulating range to improve transmission effect, in order to get better energy saving

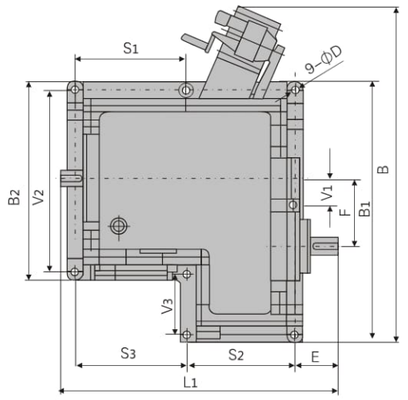
2. Figure:

P. Pump wheel	T. Turbo wheel	S. Scoop chamber
1. Input shaft	2. Output shaft	3. Housing
4. Scoop case	5. Scoop tube	6. Oil pump
7. Bearing	8.Turbo wheel shaft	9. Drive gear
10. Driven gear	11. Filter	12. Cooler

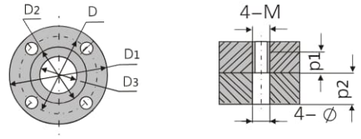
3. 外形尺寸图:
Figure of external dimension



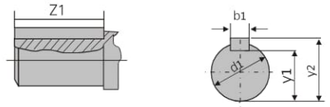




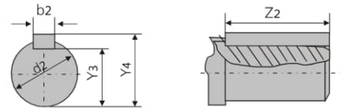
1. 接油管连接法兰尺寸



2. 输入端尺寸



3. 输出端尺寸



4.主要技术参数及外形尺寸 Main technical data & mounting dimension

规格型号		YOTCHJ500	YOTCHJ560	YOTCHJ650	YOTCHJ750	YOTCHJ875		YOTCHJ1000	
输入转速n(r.p.m)		3000	1500	1500	1500	1000	1500	1000	1500
传递功率范围n(kw)		670–1640	155–360	290–760	510–1550	390–995	1240–3360	750–1950	2500–5250
额定转差率s(%)		1.5–3							
无级调速范围		离心式机械:1-1/5; 恒扭矩机械:1-1/3							
安装尺寸（mm）	H	810	810	840	840	880	880+200	1060	880+370
	h	485	485	550	550	650	650	725	725
	h_1	40	40	45	45	60	60	60	60
	a_1	75	75	220	220	110	110	300	300
	c_1	145	145	272	272	370	370	335	335
	c_2	520	520	687	687	860	860	1120	1120
	L	1280	1280	1510	1510	1800	1970	2250	2250
	L_1	1600	1600	1850	1850	2200	2650	2800	2800
	S_1	600	600	625	625	900	900	1200	1200
	S_2	600	600	805	805	800	950	1000	1000
	S_3	600	600	625	625	900	900	1100	1100
	B	1800	1800	2140	2140	2250	2450	2700	2700
	B_1	1400	1400	1680	1680	1750	1970	2000	2000
	B_2	1080	1080	1280	1280	1460	1520	1600	1600
	V_1	180	180	200	200	210	200	250	250
	V_2	1000	1000	1200	1200	1360	1400	1500	1500
	V_3	320	320	400	400	210	450	400	400
	E	320	320	320	320	380	520	600	600
	F	400	400	450	450	450	550	550	550
	d_1	ϕ75	ϕ75	ϕ100	ϕ100	ϕ130	ϕ140	ϕ150	ϕ150
	Z_1	145	145	150	150	200	250	250	250
	b_1	20	20	28	28	32	36	36	36
	y_1	67.5	67.5	90	90	119	128	138	138
	y_2	79.5	79.5	106	106	137	148	158	158
	d_2	ϕ110	ϕ110	ϕ140	ϕ140	ϕ160	ϕ180	ϕ200	ϕ200
	z_2	170	170	200	200	250	320	350	350
	b_2	28	28	36	36	40	45	45	45
	y_3	100	100	128	128	147	165	185	185
	y_4	116	116	148	148	169	190	210	210
	D	ϕ140	ϕ140	ϕ140	ϕ140	ϕ140	ϕ140	ϕ170	ϕ170
	D_1	ϕ178	ϕ178	ϕ178	ϕ178	ϕ178	ϕ178	ϕ210	ϕ210
	D_2	ϕ110	ϕ110	ϕ110	ϕ110	ϕ110	ϕ110	ϕ140	ϕ140
	D_3	ϕ83	ϕ83	ϕ83	ϕ83	ϕ83	ϕ83	ϕ103	ϕ103
	4–M	M16	M16	M16	M16	M16	M16	M16	M16
	4–ϕ	ϕ18	ϕ18	ϕ18	ϕ18	ϕ18	ϕ18	ϕ18	ϕ18
	P_1	35	35	35	35	35	35	35	35
	P_2	55	55	55	55	55	55	55	55
	9–ϕd	9–ϕ35	9–ϕ35	9–ϕ35	9–ϕ35	9–ϕ35	9–ϕ40	9–ϕ40	9–ϕ40
重量（kg）		~1850	~1750	~2900	~3100	~4550	~4980	~6800	~7500

注：输出端最高转速根据用户需要确定，一般最小为输入转速1/3，其最高总机效率≥95%，表中“H +”后数值为下沉油箱高度

十三、YOTFQZ前置齿轮增速式液力调速传动装置

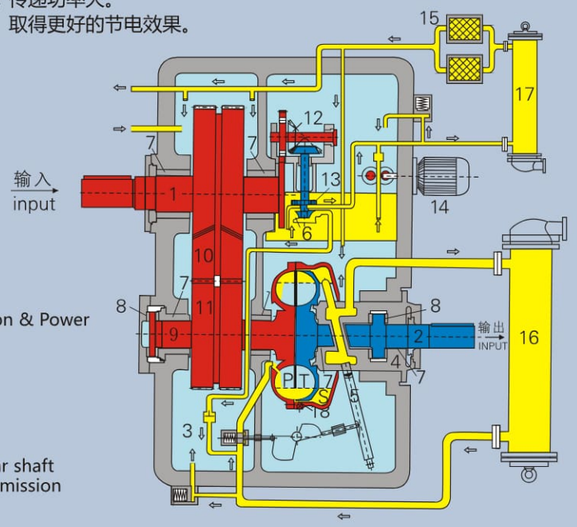
YOTFQZ Power Transmission Device With Gearing In Front For Speed Increase

1、结构特点:

1.1、适用于升速传动的场合；齿轮传动与液力传动结合为一体；传递功率大。
1.2、匹配合理，使工作机获得最佳的调速范围；提高传动效率。取得更好的节电效果。

2、结构原理简图:(见右图)

P 泵轮	S 涡轮	T 导管腔
1 输入轴	2 输出轴	3 箱体
4 导管壳体	5 导管	6 工作油泵
7 径向轴承	8 止推轴承	9 小齿轮轴
10 大齿轮组件	11 小齿轮组件	12 油泵传动机构
13 润滑油泵	14 辅助润滑油泵	15 双联滤油器
16 工作油冷却器	17 润滑油冷却器	18 易熔塞



1.Structure characteristic

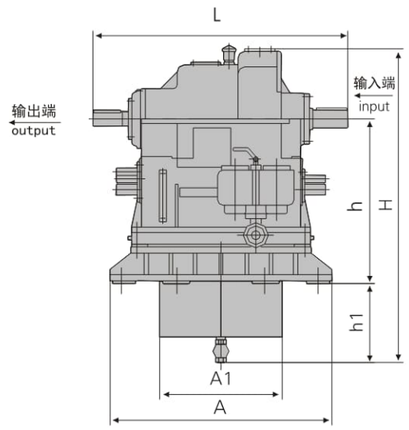
1.1. Suitable for speed increase transmission.The gear transmission & Power transmission mixed, making lange transmitted power.
1.2. Best speed regulating range and high efficiency.

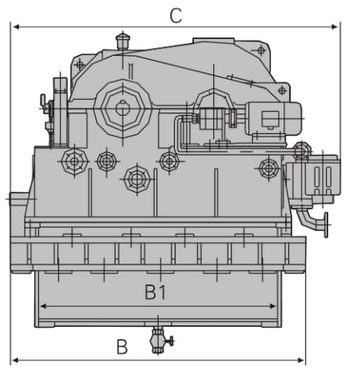
2. Figure:

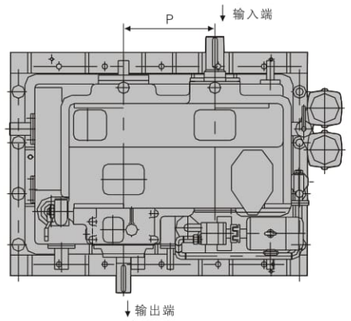
P. Pump wheel	T. Turbo wheel	S. Scoop chamber
1. Input shaft	2. Output shaft	3. Housing
4. Scoop case	5. Scoop tube	6. Oil pump
7. Sliding bearing	8. Thrust bearing	9. Hight speed gear shaft
10. Drive gear	11. Driven gear	12. Oil pump transmission
13.Fusible Pump	14. Aux.lub.Pump	15. Duplex filter
16.Main cooler	17. ub.cooler	18. Fusible plug

3. 外形尺寸图:

Figure of external dimension







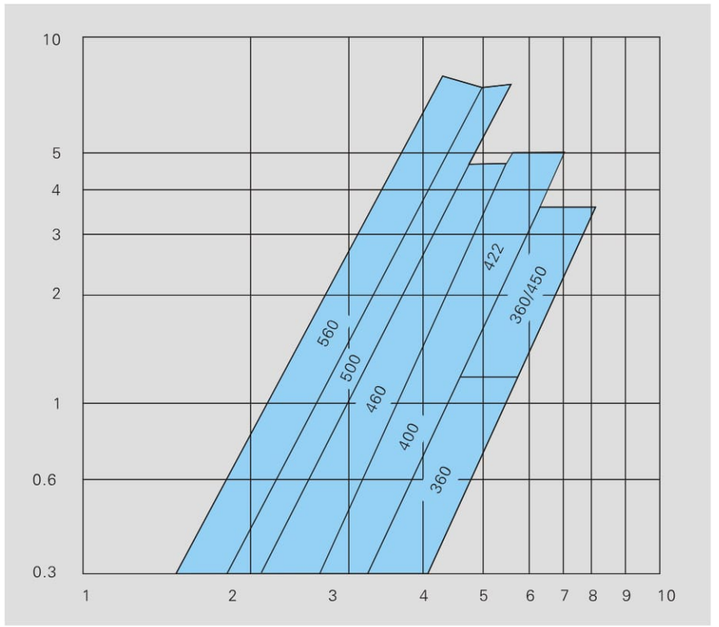
4.主要技术参数及外形尺寸 Main technical data & mounting dimension

规格型号		YOTFQZ360	YOTFQZ400	YOTFQZ460		YOTFQZ500		YOTFQZ560	
输入转速n(r/min)		3000	3000	1500	3000	1500	3000	1500	3000
最大传递功率P(kw)		$9.1\times10^{-9}n_B^3$	$1.6\times10^{-8}n_B^3$	$3.1\times10^{-8}n_B^3$		$4.7\times10^{-8}n_B^3$		$8.3\times10^{-8}n_B^3$	
输出转速n_T(r/min)		≤8500	≤8500	≤7000		≤7000		≤6500	
额定转差率(S%)		1.5∽3							
无级调速范围		离心式机械:1-1.5;恒扭矩机械:1-1/3							
安装尺寸(mm)	h	550	550	535	920	535	920	535	1000
	H	2245	2245	2750	1985	2750	1985	2750	2100
	h1	1300	1300	1355	650	1355	650	1355	650
	L	1680	1680	1855	1425	1855	1600	2532	2200
	A	1220	1220	1500	1240	1500	1400	1550	1500
	A1	1100	1100	1365	685	1365	850	1380	920
	B	1240	1240	1780	1650	1780	1750	2020	1940
	B1	860	860	1350	1380	1350	1450	1570	1600
	C	1450	1450	2100	1885	2100	1930	2280	2190
	P	350	350	550	508	550	512	600	600

注:输出端最高转速根据用户需要确定,其最高总机效率≥95%。n_B为工作机额定转速的1.031倍。

5、YOTFQZ型功率图谱：

传递功率P(MW)



泵轮转速n_B X1000(r/min)

注:泵轮转速n_B为工作机额定转速的1.031倍。

十四、YOTsj 水介质调速型液力偶合器
YOTsj Water Type Variable Speed Couplings

1、结构特点:

1.1、YOTsj水介质调速型液力偶合器是专门为适应煤矿井下及不能用油的环境而设计生产的新产品。
1.2、它以水为工作介质，工作液干净无污染，使用安全。
1.3、结构简单、紧凑、尺寸小、重量轻；外形美观；维护检修方便。
1.4、工作腔为两个,传递功率为单腔的两倍,结构更紧凑,更适合安装空间小的煤矿井下使用。
1.5、 不需配备冷却器

2、结构原理简图:(见右图)

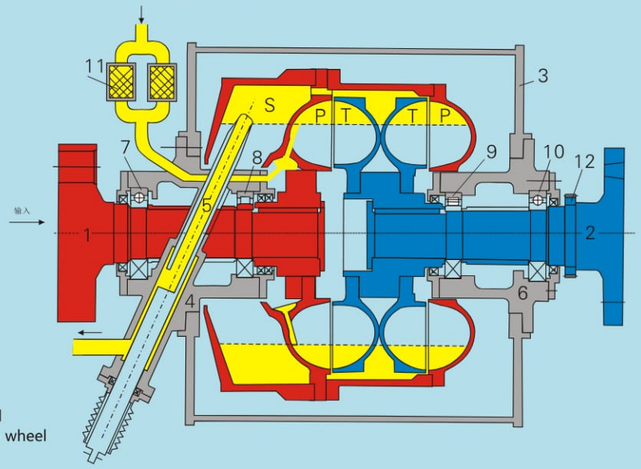
P 泵轮	T 涡轮	S导管腔
1 输入轴	2 输出轴	3 箱体
4 导管壳体	5 导管	6 轴承座
7 输入轴承	8 泵轮轴承	9 涡轮轴承
10 输出轴承	11 双联滤油器	12 测速齿轮

1.Structure characteristic

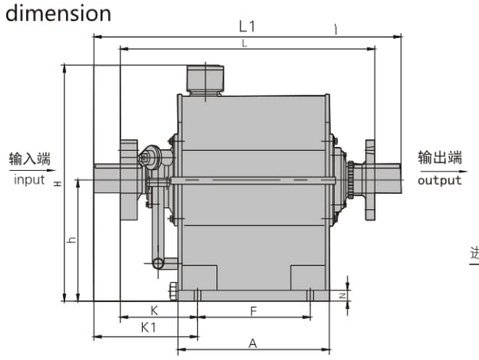
1.1.Speciat for underyround of cool mines .
1.2. Water to be fluid , Good safety.
1.3.Compact structure and easy for maintenance.
1.4.Double cavity. Two times of power transmission.
1.5.Cooler isn't needed

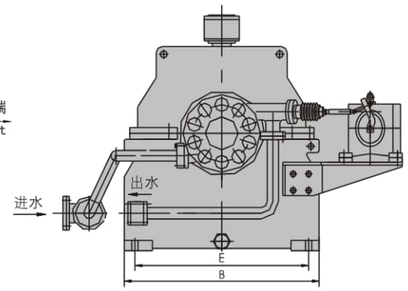
2. Figure:

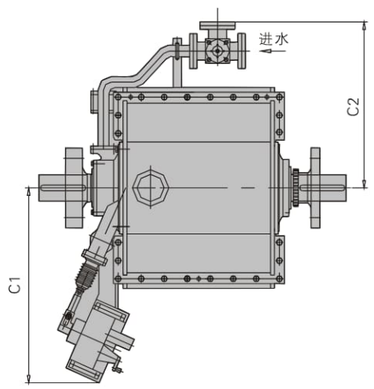
P. Pump wheel	T. Turbo wheel	S. Scoop chamber
1. Input shaft	2. Output shaft	3. Housing
4. Scoop case	5. Scoop tube	6. Bearing pedestal
7. Input bearing	8.Bearing of pump wheel	9. Bearing of turbo wheel
10. Output bearing	11.Duplex filter	12. Speeding Gear



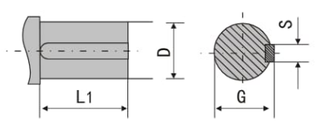
3. 外形尺寸图:
Figure of external dimension







输入.输出端轴伸尺寸
Dimension of shaft ends

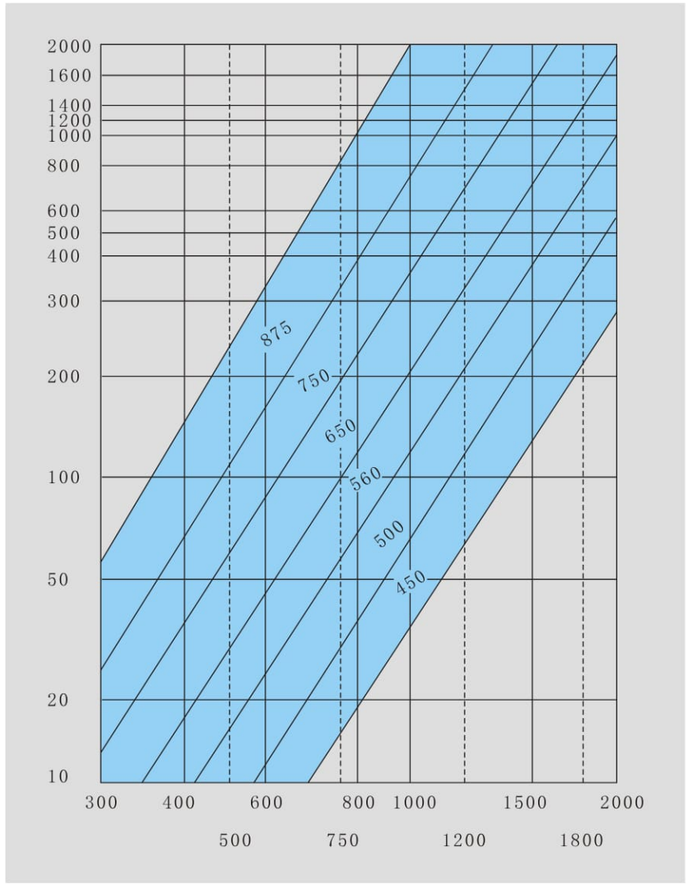


4.主要技术参数及外形尺寸 Main technical data & mounting dimension

规格型号	输入转速 r.pm	传递功率范围 kw	额定转差率s%	无级调速范围	安装尺寸（mm）																	重量净重 kg
					A	B	C1	C2	L	L1	h	H	K	K1	M	E	F	4-Φ	L1	D	S	G	
YOTsj450	1000	35–75	1.5-3	离心式机械：1-1/5 恒扭矩机械：1-1/3	625	830	860	670	1020	1150	500	1000	308	373	45	465	740	27	160	90	25	95	1050
	1500	130–250																					
YOTsj500	1000	65–125			625	830	860	670	1020	1150	500	1000	308	373	45	465	740	27	160	90	25	95	1120
	1500	230–425																					
YOTsj560	750	45–95			625	1000	1030	820	1050	1200	600	1200	323	398	45	465	740	35	170	100	28	106	1350
	1000	115–225																					
	1500	385–750																					
YOTsj650	750	85–195			625	1000	1030	820	1050	1200	600	1200	323	398	45	465	740	35	170	100	28	106	1550
	1000	215–470																					
	1500	725–1580																					
YOTsj750	600	95–205			980	1450	1350	1250	1450	1720	750	1550	350	485	50	850	1200	35	250	130	32	137	2150
	750	185–405																					
	1000	450–960																					
YOTsj875	600	195–450			980	1450	1350	1250	1450	1720	750	1550	350	485	50	850	1200	35	250	150	36	158	2450
	750	390–875																					
	1000	925–2050																					

5、YOTsj功率图谱

传递功率P(kw)



输入转速n(r/min)

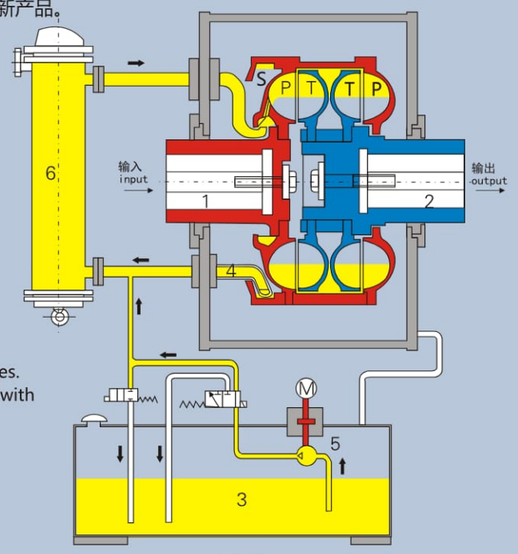
十五、YOT$_{FKD}$阀控双腔调速型液力偶合器
YOT$_{FKD}$ Double Cavities &Valve Control Variable Speed Couplings

1、结构特点:

1.1 YOTFKD阀控调速型液力偶合器是专门为适应煤矿井下而设计生产的新产品。
1.2 它以水或油为工作介质，用控制阀门的方法对偶合器进行调速。
1.3 结构简单、紧凑、尺寸小、重量轻；外形美观；维护检修方便。
1.4 工作腔为两个，传递功率为单腔的两倍，结构更紧凑，特别适用于空间较小的煤矿井下。

2、结构原理简图:(见右图)

P.泵轮　T.涡轮　S.导管腔
1.输入轴　2.输出轴　3.油箱
4.导管　5.油泵　6.冷却器



YOT$_{FKD}$

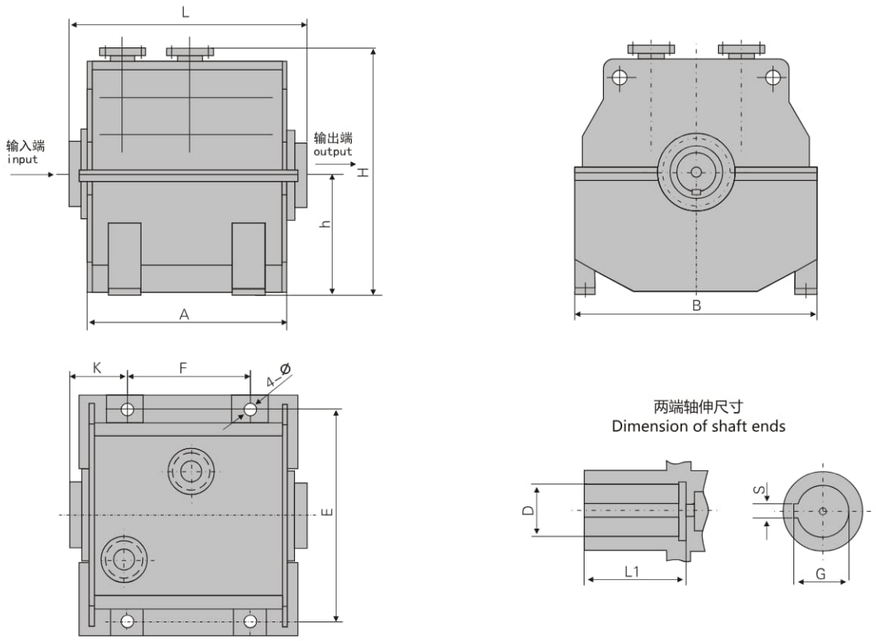
1.Structure characteristic

1.1. Special design for underground
1.2. It's working medium is water to control the speed with valve
1.3. Easy for maintenance
1.4 With two working cavities, which the power transmitted is double times. The structure is more compact, specially suitable to the underground with small space.

2. Figure:

P. Pump wheel　T. Turbo wheel　S. Scoop chamber
1. Input shaft　2. Output shaft　3. Oil tank
4. Scoop tube　5. Oil pump　6.Cooler

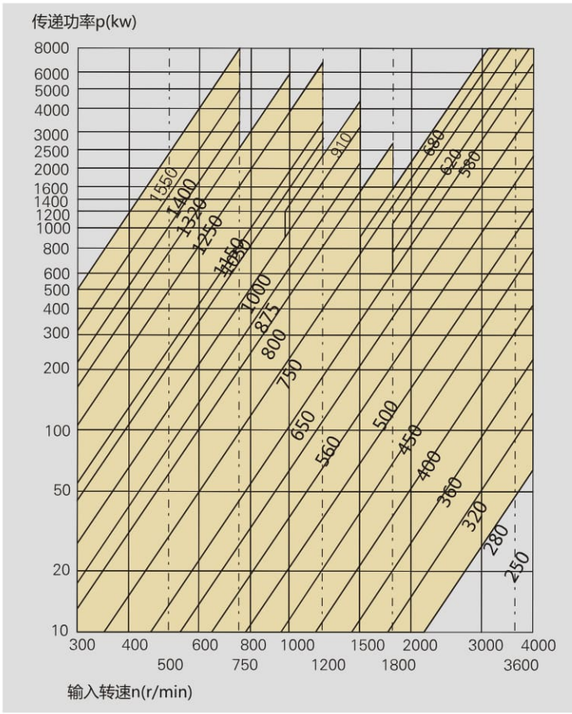
3. 外形尺寸图:
Figure of external dimension



4.主要技术参数及外形尺寸 Main technical data & mounting dimension

规格型号 Size	输入转速 Input speed r.pm	传递功率范围 Power transmitted kw 油Oil	水water	额定转差率 Slip s%	无级调速范围 Range of speed regulating	安装尺寸 Mounting dimension (mm) A	B	L	h	H	K	E	F	4-Ø	L1	D	S	G	重量(净重) Weight kg
YOTFKD450	1000	30–70	36–80	1.5–3	离心式机械:1-1/5 恒扭矩机械:1-1/3	580	816	670	500	950	205	766	280	Ø27	按用户提供尺寸				500
	1500	110–240	120–270																
YOTFKD500	1000	45–120	60–130	1.5–3		580	816	700	525	1000	220	766	280	Ø27					550
	1500	180–410	210–450																
YOTFKD560	1000	110–220	120–250	1.5–3		600	860	713	550	1050	190	806	340	Ø27					625
	1500	310–720	370–810																
YOTFKD650	750	80–190	90–220	1.5–3		650	1030	800	625	1150	235	980	360	Ø27					910
	1000	190–450	210–500																
	1500	480–1420	650–1610																
YOTFKD750	750	160–390	190–430	1.5–3		850	1150	970	675	1300	252.5	1020	510	Ø35					1350
	1000	370–910	430–1030																
	1500	1020–2350	1150–2570																
YOTFKD875	750	310–840	370–940	1.5–3		1000	1325	1125	800	1500	372	1220	450	Ø35					1600
	1000	780–1750	900–2050																

十六、YOTc系列调速型液力偶合器功率图谱:
Power Transmission Diagram of YOTc Variable Speed Couplings



十七、订货时应提出和确定的项目
Items Should Be Specified On Placing Orders

1.订货时要提供及注明的项目:(Items should be specified:)

项目(Item) \ 产品类型(Size)	YOTck	YOTcs	YOTcf	YOTcp	YOTcl	YOTch	SVTL	YOTfk	YOTchj
转向(Direction)	★	★	★	★	★	★	★	★	★
电动机执行器类型(Electric Actuator)	★	★	★	★	★	★	★		★
电动执行器安装位置 Mounting Position Of Actuator	★	★	★	▲		▲			
电机和工作机轴伸尺寸 Bore Dimension Between Motor & Driven Machine	▲	▲	▲	▲	★	▲	▲	▲	▲
电机和工作机法兰尺寸 Flange Dimension Between Motor & Driven Machine					★				

备注：1、有★标记者为必须注明。2、有▲标记者为合同有要求时必须提供。3、转向为站在电机端看偶合器输入端的旋转方向。
4、电动执行器安装位置是在偶合器安装位置受到限制或特殊环境下电动执行器位置必须确定，如无要求，则按偶合器外形尺寸图。

Note; 1. Item with ★must be specified. 2.Item with ◀must be supplied when specified in Contract. 3. "Direction" means the rotation direction on the input of coupling from motor side. 4."Mounting Position of Actuator" means the special position of actuator when limited by couplings or special conditions. If not specified, just as "External Dimension Figure of Couplings".

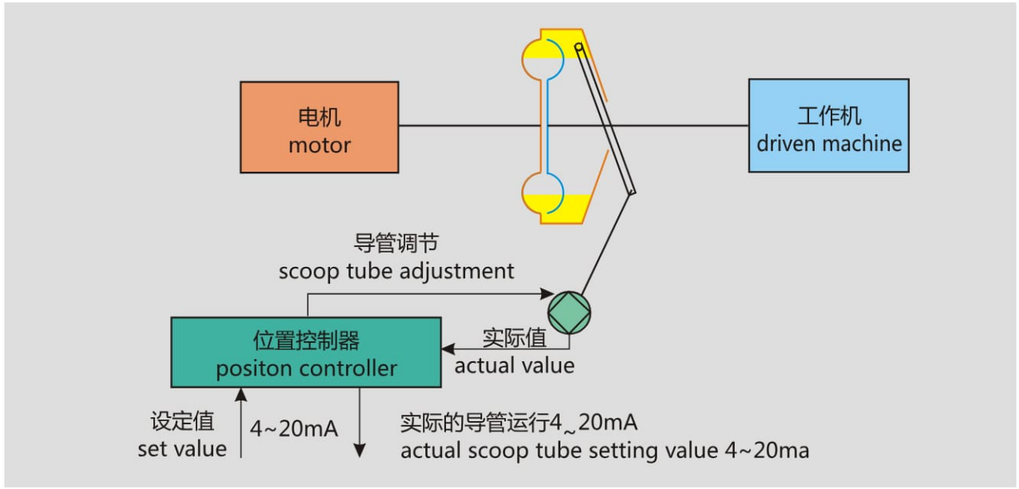
2.配套件供货项目:(Items of kit supply)

项目 \ 产品类型	YOTck	YOTcs	YOTcf	YOTcp	YOTcl	YOTch	SVTL	YOTfk	YOTchj
电动执行器 Electric Actuator	★	★	★	★	★	★	★		★
电动操作器 Electric Operator	★	★	★	★	★	★	★		★
伺服放大器 servoamplifier	▲	▲	▲	▲	▲	▲	▲		▲
电接点温度表 Electric Contact Thermometer	★	★	★	★	★	★	★		★
温度控制器 Temperature Control	▲	▲		▲	▲	★	★	★	★
铂热电阻 Platinum Resistance	▲	▲	▲	▲	▲	★	▲	▲	▲
温度变送器 Temperature Transmitter	▲	▲	▲	▲	▲	▲	▲	▲	▲
电接点压力表 Electric Contact Gauge Monometer	★	★	★	★	★	★	★	★	★
压力控制器 Pressure Control	▲	▲	▲	▲	▲	★	★		★
压力变送器 Pressure Transformer Transmitter	▲	▲	▲	▲	▲	★	▲	▲	▲
测速装置 Speed Inspection Device	▲	▲	▲	▲	▲	▲	▲	▲	▲
电加热置 Electric Heater	▲	▲	▲	▲	▲	▲	▲	▲	▲
液位控制器 Level Control		▲	▲	▲	▲	★	▲	▲	★
冷却器 Cooler	▲	▲	▲	▲	▲	▲	▲	▲	▲
联轴器 .Shaft Coupling	▲	▲	▲	▲	▲	▲	▲	▲	▲
联轴器保护罩 Cover	▲	▲	▲	▲	▲	▲	▲	▲	▲
偶合器底座或台板 Pedestal or Plate of Couplings	▲	▲	▲	▲	▲	▲	▲	▲	▲
接线端子箱 Thermal Box	▲	▲	▲	▲	▲	★	★	▲	▲
现场仪表柜 Instrument Control Cabinet on site	▲	▲	▲	▲	▲	▲	▲	▲	▲
控制室仪表柜 Instrument Control cabinet Room		▲	▲	▲	▲	▲	▲	▲	▲
自动控制装置 Servomechanism		▲	▲	▲	▲	▲	▲	▲	▲

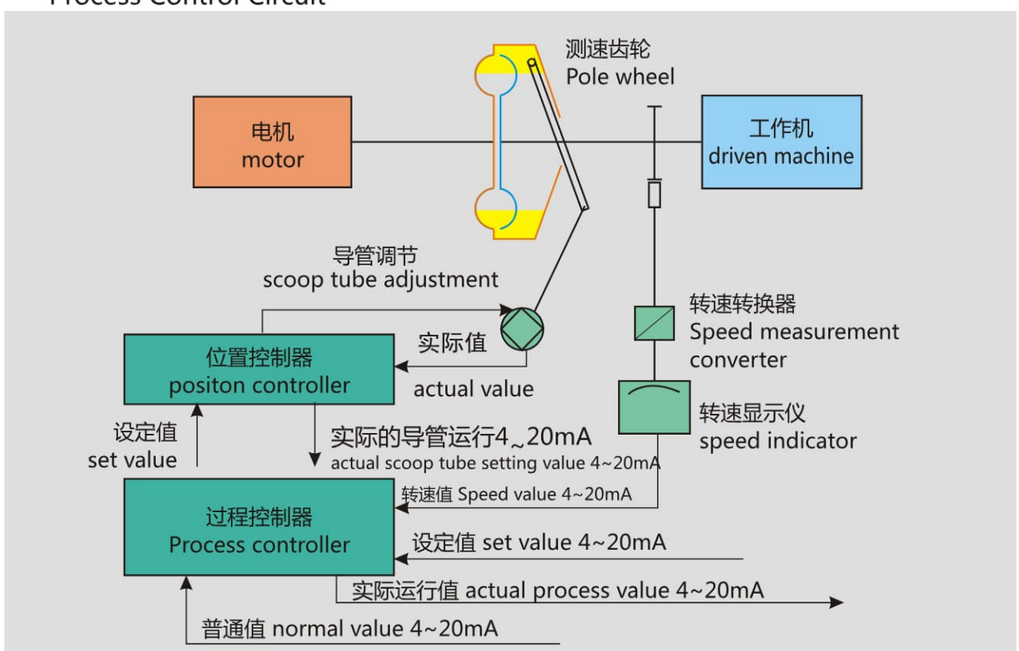
备注：1、有★标记者产品上已配套。
2、有▲标记者为合同有要求时配套提供。

十八、调速型液力偶合器操作控制原理图
Operation Control Diagram Of Variable Speed Couplings

1、导管位置操作控制原理(开环控制系统)
Position Control Circuit

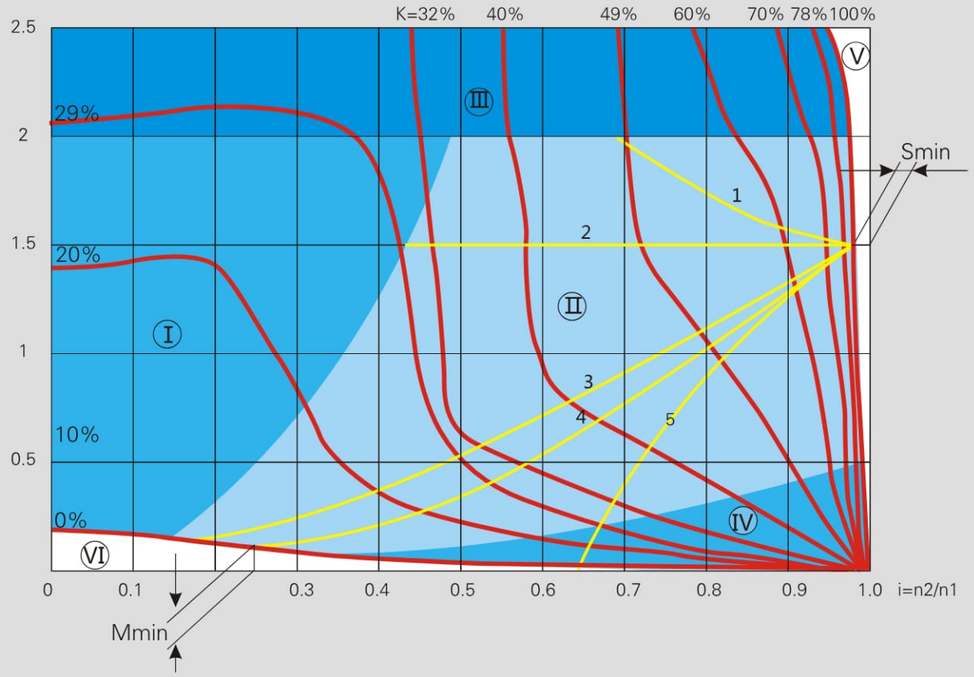


2、偶合器过程操作控制原理(闭环控制系统)
Process Control Circuit



十九、调速型液力偶合器原始特性曲线 λB–f(i)与不同工作机配套运行曲线

Characterics Curves Of Variable Speed Couplings In Relation To Various Driven Machinery



图中各曲线说明:

1、入B--偶合器泵轮力矩系数
2、i -- 传动比
3、n1--电动机额定转速(r/min)
4、n2--偶合器输出转速(r/min)
5、Smin--最小转差率(%)
6、Mmin--最低转速调节时的最小力矩(N.m)
7、k --偶合器导管开度(%)
8、曲线上标“1~ 5”为偶合器与不同工作机类匹配调速运行曲线。
a、“1”为偶合器与力矩同转速成反比关系类的工作机配套调速运行曲线。
b、“2”为偶合器与恒力矩机械配套调速运行曲线。
c、“3”为偶合器与力矩同转速成正比关系的工作机配套调速运行曲线。
d、“4”为偶合器与离心式机械配套调速运行曲线。
e、“5”为偶合器与力矩同转速成陡升关系的工作机配套调速运行曲线。
9、标Ⅰ~Ⅵ为偶合器工作区间。
Ⅰ--起动区 Ⅱ--调速控制区 Ⅲ--过载区
Ⅳ--不经济区 ⅤⅥ--非工作区

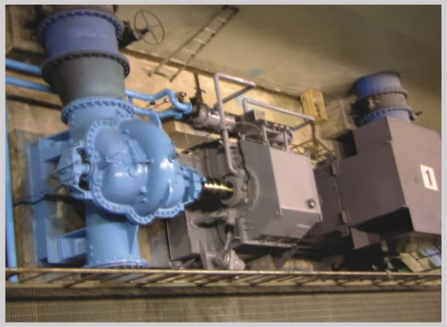
Explanation

1、入B--Torque ratio
2、i -- Speed ratio
3、n1--Input speed
4、n2--Output speed
5、Smin--Min slip(%)
6、Mmin--Min.torque(N.m)
7、k --Scoop position(%)
8. “1-5” marked on curves means curves with different working machines.
a. “1” torque & speed in inverse ratio.
b. “2” coupling runs with constant torque machine
c. “3” torque & speed in direct ratio
d. “4” coupling runs with centrifugal machine
e. “5” torque & speed in increase ratio
9、Ⅰ~Ⅵ is working area of couplings.
Ⅰ-- Startup area Ⅱ-- Control area Ⅲ-- Overload area
Ⅳ-- Uneconomic area ⅤⅥ-- No working area

荣誉证书
Company honors







YOTcp1000调速型液力偶合器

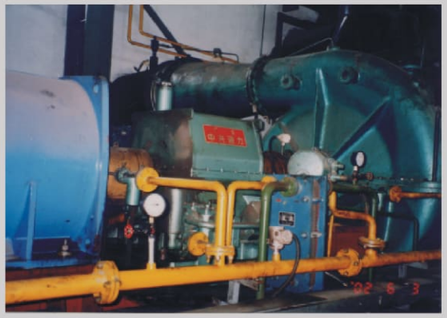
用于韩国仁川水处理厂的水泵配套

YOTcp1000 at Inchon Sewage Treatment Factory, Korea



YOTck560在云南弄漳糖厂的使用现场

YOTck560 at Yunnan Nongzhang



YOTcp450调速型液力偶合器

配用于南京钢铁厂炼铁分厂鼓风机

YOTcp450 at Nanjing Steel Factory



YOTcs1000调速型液力偶合器

配用于云浮发电厂125MW机组锅炉鼓风机

YOTcs1000 at Yunfu Power Plant



YOTcs1320调速型液力偶合器

配用于唐山钢铁股份有限公司一炼钢厂二次除尘风机

YOTcs1320 at Tangshan Steel Factory



YOTcp580调速型液力偶合器

配用于南京金陵石化自备电厂锅炉给水泵

YOTcp580 at Nanjing Jinling Petrochemical Co., Ltd



机加工车间 Machining Plant



铸造车间 Foundry



调速型装配车间

Assembly of Variable Speed Couplings



调速型液力偶合器出厂试验

Test before delivery



厂区

Factory overview



技术人员正在运用CAD进行产品开发设计

Tech. Department