Partners









































































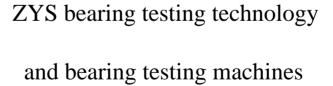
















Website: www.zys-bearing.com/www.zysbearing.com E-mail:zysdong@gmail.com/robertdong@zys.com.cn Tel:+ 86-379-6488 1209 Add: No.1 Jilin Road, Luoyang City, Henan Province, China ZYS bearing test center has been engaged in bearing test technology research, test equipment development and test standard formulation since 1960s. It has a high reputation and influence in the bearing industry, and is praised as "the cradle of bearing test technology in China".

Test service







In the early 1960s, China introduced dozens of Soviet bearing testing machines and testing technologies, and established "the first bearing laboratory in China" in ZYS, which was the first to carry out bearing test research. In the 1970s, the Ministry of Machinery Industry established aerospace bearing laboratory". In the 1980s, the State Development Planning Commission, the State Economic Commission, Commission of Science, Technology and Industry for National Defense and the Air force engineering department, Ministry of Aviation and the Ministry of Machinery Industry jointly determined that the "Aviation Engine Bearing Test Base" was initially established in ZYS during the "Seventh Five-Year Plan" period, carrying out experimental research on the Aviation bearing. In the 1990s, ZYS successively undertook national key projects "high-speed railway simulation bearing test technology research", "automobile bearing simulation test technology research", and carried out test technology research work in the field of civilian special bearings. During the "Twelfth Five-Year Plan" period, ZYS undertook the national "XX bearing foundation research and development conditions construction project", with a total investment of nearly 40 million RMB, a new laboratory covering 2111 square meters, and more than 40 sets of test equipments and CNAS certification.

At present, ZYS laboratory can conduct performance and durability tests on special bearings such as aviation and aerospace engine spindles and bearings, high-speed railway bearings, automobile bearings, and wind power bearings. ZYS laboratory is the third-party special bearing test center with the widest range of bearing tests, the widest test range, the largest number of test items and the most complete test parameters. It is also the maker of military and civilian bearing test standards (GJB 8530-2015, GB/T24607- 2009).

Bearing testing machine type



Rolling bearing fatigue life testing machine



Automobile wheel bearing unit simulation test machine



fatigue testing machine



RET type bearing reliability testing machine



Sealed bearing waterproof testing machine



Bearing grease high temperature high speed testing machine



High-speed axle box bearing testing machine



Wind power yaw pitch bearing testing machine



Robot RV reducer bearing testing machine

	ZYS Bearing Testing Machine				
One	Conventional bearings and parts testing machine series				
1	T2-7N Bearing Testing Machine	Purpose: the performance aused.	and life test of micro bearing in the inner diameter 2-7mm range are mainly		
	- A A	Test type:	Deep groove ball, angular contact ball bearing		
		Test inner diameter range:	φ2~φ7mm		
ļ		Test number:	2/4/8		
		Maximum radial load: Maximum axial load:	2kN 1kN		
+		Maximum test speed:	48000r/min		
		Test methods:	Manual spring-loaded, automatic computer control, monitoring and recording.		
		Test parameters:	Speed, load, temperature, vibration, motor current, etc.		
2	T8-30nf Bearing Testing Machine Purpose: the performance and life test of conventional bearing in the inner diameter 8-30mm range are mainly used.				
		Test type:	Deep groove ball, angular contact ball, cylindrical roller, tapered roller bearing		
		Test inner diameter range:	φ8~φ30mm		
	The Process	Test number: Maximum radial load:	2/4 10kN		
-		Maximum axial load:	5kN		
		Maximum test speed:	24000r/min		
		Test methods:	Automatic computer control, monitoring and recording.		
		Test parameters:	Speed, load, temperature, vibration, motor current, etc.		
3	T20-60nf BearingTesting Machine	are mainly used.	and life test of conventional bearing in the inner diameter 20-60mm range		
-		Test type:	Deep groove ball, angular contact ball, cylindrical roller, tapered roller bearing		
		Test inner diameter range: Test number:	φ20~φ60mm 2/4		
		Maximum radial load:	100kN		
		Maximum axial load:	50kN		
		Maximum test speed:	10000r/min		
-	_	Test methods: Test parameters:	Automatic computer control, monitoring and recording.		
-	_		Speed, load, temperature, vibration, motor current, etc. and life test of conventional bearing in the inner diameter 40-80mm range		
4	T40-80f Bearing Testing Machine	are mainly used. Test type:	Deep groove ball, angular contact ball, cylindrical roller, tapered roller bearing		
		Test inner diameter range:	φ40~φ80mm		
	-11.15	Test number:	2/4		
		Maximum radial load:	200kN		
+	— (· · · · ·	Maximum axial load: Maximum test speed:	100kN 5000r/min		
		Test methods:	Automatic computer control, monitoring and recording.		
		Test parameters:	Speed, load, temperature, vibration, motor current, etc.		
5	T60-120F Bearing Testing Machine	are mainly used.	and life test of conventional bearing in the inner diameter 60-120mm range		
	9 <u> </u>	Test type:	Deep groove ball, angular contact ball, cylindrical roller, tapered roller bearing		
+		Test inner diameter range: Test number:	φ60~φ120mm 2/4		
		Maximum radial load:	300kN		
	1 = 1 00	Maximum axial load:	200kN		
ļ		Maximum test speed:	5000r/min		
-	_	Test methods: Test parameters:	Automatic computer control,monitoring and recording. Speed, load, temperature, vibration, motor current, etc.		
-					
6	T120-180F Bearing Testing Machine	are mainly used.	and life test of conventional bearing in the inner diameter 120-180mm range		
		Test type:	Deep groove ball, angular contact ball, cylindrical roller, tapered roller bearing,		
-		Test inner diameter range:	φ120~φ180mm		
		Test number: Maximum radial load:	2/4 500kN		
		Maximum axial load:	300kN		
	al.	Maximum test speed:	3000r/min		
	271	Test methods:	Automatic computer control,monitoring and recording.		
7	T20-60f Spherical Bearing Testing Machine	Test parameters: Purpose: the performance a mainly used.	Speed, load, temperature, vibration, motor current, etc. and life test of Spherical bearing in the inner diameter 20-60mm range are		
	Wathine	Test type:	Spherical bearing		
		Test inner diameter range:	φ20~φ60mm		
		Test number:	2		
		Maximum radial load:	50kN		
		Maximum axial load: Maximum test speed:	/ 5000r/min		
 		Test methods:	Automatic computer control, monitoring and recording.		
		Test parameters:	Speed, load, temperature, vibration, motor current, etc.		

Test type: Sealed deep grove ball bearing, etc.	8	TSMo10-45n Sealed Bearing Testing Machine of Grease Leakage, Temperature rise and Dustproof	Purpose: the performance of bearing in the inner diamet	test, including grease leakage, Temperature rise and dustproof, of Sealed fer 10-45mm range are mainly used.
Test number: 12				
Maximum test speed Das to speed Das to speed District products Das to speed Test methods Test parameters Perpetuation for the sign Markins Das to speed Das to speed Test parameters Perpetuation for the sign Markins Das to speed Das to spee				
Manual apring-loaded automatic computer control monitoring and recording Test methods: Strate Color High-speed Sealers Parpose in the manual apring-loaded automatic computer control monitoring and recording Testing Dustyroof Testing Machine Test inter district range. Test inter				· ·
Maximum test speed: Test methods Test parameters Speed, load, temperature, vibration, motor current, etc. Perspects the one-saided distayrout performance lest of high-speed seed bearing in the inner diameter of \$2.00m range are mainly used. Fed type: Test limited distayrout performance lest of high-speed seed bearing in the inner diameter of \$2.00m range are mainly used. Fed type: Test limited distayrout performance lest of high-speed seed bearing in the inner diameter of \$2.00m range are mainly used. Fed type: Dub too speed: Dub too spe				
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9 Revine Dustroof Testing Machine 1 Fest type: 1 Test timer diameter age: 1 Test methods: 2 Test parameters: 3 Speed, load, temperature, vibration, motor current, etc. 2 Test methods: 3 Test methods: 4 Test methods: 5 Test methods: 6 Test methods: 7 Test methods:				
Rearing Dustproof Testing Machine Test styne		TSMo5-20N High-speed Sealed		
Test type: Test menders range: Test menders Test menders	9		*	
Test unmer diameter range: Post to number: 1				v
Dist box speed. 20-100/min Bearing Lifting speed time 10-20s 10-2		12:0	Test inner diameter range:	
Maximum test speed:				1
Rearing Lifting speed time: 10-208 Test methods: Automatic computer control monitoring and recording Test parameters. Speed, lemperature, wibation, motor current, etc. Test methods: Automatic computer control monitoring and recording Test parameters. Speed, lemperature, wibation, motor current, etc. Test methods:				
Test methods: Test parameters Speed, temperature, whatton, motor current, etc. Perspect the fluid-proof (water, oil and other liquid medium) performance test of sealed bearing in incerd diameter oil and other liquid medium) performance test of sealed bearing in the fluid-proof Properties Testing Machine Test type: Sealed deep groove bull bearing etc. Test member: Test parameters: Speed, load, temperature, whatton, motor current, etc. Test parameters: Deep groove, angular contact ball bearing and recording personal persona				
Test parameters Speed, temperature, wheation, motor current, etc. Test type: Test more diameter of 10-45mm range are mainly used. Test type: Test type: Test more diameter range: Test member: Maximum rest speed: Test member: Te				
Test type: Sealed deep groove hall bearing test.		College Colleg		1 , e
proof Properties Testing Machine Test type: Test inner diameter arage: Test inner diameter arage: Test inner diameter arage: Maximum rest speed: Maximum rest speed: Test speed: Test membods: Manual spring-loaded, automatic computer control, monitoring and recording are a mainly used. Test membods: Manual spring-loaded, automatic computer control, monitoring and recording are a mainly used. Test spring begreve the light incompetature and high speed test of sealed bearing in the inner diameter 8-30mm arage are mainly used. Test inner diameter range: Deep groove, angular contact hall bearing etc. Test inner diameter range: Per groove, angular contact hall bearing etc. Test inner diameter range: Per groove, angular contact hall bearing etc. Test inner diameter range: Per groove, angular contact hall bearing etc. Test inner diameter range: Per groove, angular contact hall bearing etc. Test inner diameter range: Per groove, angular contact hall bearing etc. Test inner diameter range: Per groove, angular contact hall bearing etc. Test inner diameter range: Per groove, angular contact hall bearing etc. Test inner diameter range: Per groove, angular contact hall bearing etc. Test inner diameter range: Per groove, angular contact hall bearing etc. Test inner diameter range: Per groove, angular contact hall bearing etc. Test inner diameter range: Per groove, angular contact hall bearing etc. Test inner diameter range: Speed, load, temperature, wibration, motor current, etc. Test took: Test speed: Antomatic computer control monitoring and recording. Test per mereture. Test took: Test per mereture. Test per groove, angular contact fall gue test of hall bearing material in the inner diameter 8-30mm range are mainly used. Test per groove angular control, monitoring and recording. Test per groove angular control, monitoring and recording. Test per groove angular control, monitoring and recording. Test per groove angular control, decing the per groove angular control, monitoring		TOT 10 45 C 1 1D . FI . 1		* ' * ' ' '
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Test number: Maximum radial load: Test parameters: Test parameters: Popeed. load, temperature control, monitoring and recording. Test parameters: Popeed. load, temperature grant in the inner diameter 8-30mm radial send. Test type: Deep groove, angular contact ball bearing etc. 7 Test inner diameter range: Maximum load: M				
Maximum radial load: 1kN Medicum: Maximum test speed: 10000/min 12 10000/min 12 10000/min 12 10000/min 13 10000/min 13 10000/min 13 10000/min 14 10000/min 15 100000/min 15 100000/min 15 100000/m		T. Contract	U	
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Test parameters Speed, load, temperature, vibration, motor current, etc.			Maximum test speed:	
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Maximum load: Radial SkN. axial 2kN				
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Test inmer diameter: Test number: Test load: Test load: Test speed: Test speed: Test speed: Test methods: Test parameters: Test parameter and parts testing machine series Test parameters: Test parame	12	Machine		
Test number: Test load: Test speed: 3000/6000/10000 r/min Heating temperature: Room temperature~250°C Manual butterfly spring loaded, automatic computer control, monitoring and recording. Test parameters: Speed, load, temperature, vibration, motor current, etc. Test parameters: Speed, load, temperature, vibration, motor current, etc. Test ball diameter range: Purpose: the contact fatigue test of ball bearing material in the inner diameter 8-30mm range are mainly used. Test ball diameter range: Purpose: the contact fatigue test of ball bearing material in the inner diameter 8-30mm range are mainly used. Test tabll diameter range: Purpose: the contact fatigue test of ball bearing material in the inner diameter 8-30mm range are mainly used. Test stabll diameter range: Purpose: the contact fatigue test of ball bearing material in the inner diameter 8-30mm range are mainly used. Test parameters: Purpose: the contact fatigue test of ball bearing material in the inner diameter 8-30mm range are mainly used. Test parameters: Purpose: the contact fatigue test of ball bearing material in the inner diameter 8-30mm range are mainly used. Test number: Test number: Test number: Test methods: Automatic computer control, monitoring and recording. Test parameters: Speed, load, temperature, vibration, motor current, etc. Two Automotive bearings and parts testing machine series Speed, load, temperature, vibration, motor current, etc. Two Automotive bearings and parts testing machine series Speed, load, temperature, vibration, motor current, etc. Test methods: Test parameters: Speed, load, temperature, vibration, motor current, etc. Test methods: Automatic computer control, monitoring and recording. Test number: Tes		OCALISATE OF THE PARTY OF THE P	2.1	<u> </u>
Test load: Test speed: 3000/6000/10000 r/min Heating temperature: Room temperature - 250°C Test methods: Test period: Tes				
Test speed: Heating temperature: Test methods: Test methods: Test parameters: Speed, load, temperature, vibration, motor current, etc. TPBI0-20f Ball Bearing (Steel / Ceramic) Contact Fatigue Testing Machine Test type: Test speed: Test type: Ball bearing (steel / Ceramic) Contact Fatigue Testing Machine Test type: Test mumber: Test number: Test number: Test mumber: Test methods: Automatic computer control, monitoring and recording. Test methods: Automatic computer control, thrust piece Test methods: Automatic computer control, monitoring and recording. Test parameters: Speed, load, temperature, vibration, motor current, etc. Two Automotive bearings and parts testing machine series TaUh20-70Tf Automobile Hub Bearing Simulation Testing Machine Test type: Test type: Test type: Test type: Test type: Test methods: Test parameters: Test methods: Automotive bearings Test parameters: Test type: Test parameters: Test type: Test methods: Automotive bearing Test parameters: Test type: Test methods: Automotive bearing Test parameters: Test type: Test methods: Automotive bearing Test parameters: Test parameters: Test type: Test methods: Test parameters: Test paramet				
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Maximum radial load: 20kN Maximum test speed: 3000r/min			, <u> </u>	1
Test methods: Automatic computer control,monitoring and recording. Test parameters: Speed, load, temperature, vibration, motor current, etc. Automotive bearings and parts testing machine series TAUh20-70Tf Automobile Hub Bearing Simulation Testing Machine Test type: Hub bearing Test inner diameter range: φ20~φ70mm Test number: 1 Maximum test load: Radial 20kN, axial ±15kN Maximum test speed: 2000r/min Heating temperature: Room temperature~150°C Test methods: Automatic computer control,monitoring and recording.				
Two Automotive bearings and parts testing machine series TAUh20-70Tf Automobile Hub Bearing Simulation Testing Machine Test type: Test type: Hub bearing Test inner diameter 20-70mm range are mainly used. Test number: Test number: Maximum test load: Maximum test load: Maximum test speed: Test methods: Automatic computer control,monitoring and recording.				
Two Automotive bearings and parts testing machine series 14				
TAUh20-70Tf Automobile Hub Bearing Simulation Testing Machine Test type: Test type: Test inner diameter range: Test number: Maximum test load: Maximum test speed: Hub bearing Test number: 1 Maximum test speed: Automatic computer control,monitoring and recording.	Tr.	A 4 4: 1 :	•	* '
Test type: Hub bearing Test inner diameter range: φ20~φ70mm Test number: 1 Maximum test load: Radial 20kN, axial ±15kN Maximum test speed: 2000r/min Heating temperature: Room temperature~150°C Test methods: Automatic computer control,monitoring and recording.		TAUh20-70Tf Automobile Hub	Purpose: the dynamic simu	lation performance and durability test of lightweight hub bearing in the
Test inner diameter range: φ20~φ70mm Test number: 1 Maximum test load: Radial 20kN, axial ±15kN Maximum test speed: 2000r/min Heating temperature: Room temperature~150°C Test methods: Automatic computer control,monitoring and recording.		Bearing Simulation Testing Machine		
Test number: Maximum test load: Maximum test speed: Maximum test speed: Description: Radial 20kN, axial ±15kN Maximum test speed: 2000r/min Heating temperature: Room temperature~150°C Test methods: Automatic computer control,monitoring and recording.				
Maximum test load: Radial 20kN, axial ±15kN Maximum test speed: 2000r/min Heating temperature: Room temperature~150°C Test methods: Automatic computer control,monitoring and recording.				φ20~φ70mm
Maximum test speed: 2000r/min				1
Heating temperature: Room temperature~150℃ Test methods: Automatic computer control,monitoring and recording.				
Test methods: Automatic computer control,monitoring and recording.				
			• •	*
Lesi darameters: Speed load temperature vibration motor current etc		+ -	Test methods. Test parameters:	Speed, load, temperature, vibration, motor current, etc.

15	TAUh50-100Tf Automobile Hub Bearing Simulation Testing Machine		lation performance and durability test of heavy hub bearing in the inner
			· · · · · · · · · · · · · · · · · · ·
		Test type: Test inner diameter range:	Hub bearing φ50~φ100mm
		Test number:	ψ30 ψ100mm
		Maximum test load:	Radial 50kN, axial ±30kN
		Maximum test speed:	1500r/min
		Heating temperature:	Room temperature~150°C
		Test methods:	Automatic computer control, monitoring and recording.
	TATU 20 FOTE A A 1 1 TATA	Test parameters:	Speed, load, temperature, vibration, motor current, etc.
16	TAUh30-50Tf Automobile Hub Bearing High-temperature Durability Test Machine	Purpose: the performance a 30-50mm range are mainly	and durability test in high temperature of hub bearing in the inner diameter used.
		Test type:	Hub bearing
		Test inner diameter range:	φ30~φ50mm 2
	181	Test number: Maximum test load:	Radial 15kN,axial±10kN
		Maximum test speed:	2000r/min
		Heating temperature:	Room temperature~150°C
		Test methods:	Automatic computer control, monitoring and recording.
		Test parameters:	Speed, load, temperature, vibration, motor current, etc.
17	TuhMs30-50f Automobile Hub Bearing Mud / BrineTest Machine	Purpose: the performance a diameter 30-50mm range at Test type:	and durability test in the mud/brine conditions of hub bearing in the inner re mainly used. Hub bearing
	<u> </u>	Test inner diameter range:	φ30~φ50mm
		Test number:	2
		Maximum test load:	Radial 15kN, axial ±10kN
		Maximum test speed:	2000r/min
		Medium	Mud / brine
	_	Test methods:	Automatic computer control, monitoring and recording.
	TAULZO SOCD A A LT. II L	Test parameters:	Speed, load, temperature, vibration, motor current, etc.
18	TAUh30-50fP Automobile Hub Bearing Flange Rotary Fatigue Testing Machine	diameter 30-50mm range a	
		Test type:	Hub bearing and flanges
	- -	Test inner diameter range:	φ30~φ50mm
		Test number: Combined load:	1 ±20kN
		Maximum test speed:	900r/min
	* Contract of the Contract of	Test methods:	Automatic computer control monitoring and recording.
		Test parameters:	Speed, load, temperature, vibration, motor current, etc.
19	TAUh30-50f Automobile Hub Bearing Torque Rigidity and Preload Testing Machine	Purpose: the moment rigidity measurement of hub bearing in the inner diameter 30-50mm range are mainly used. Resonance method is used to test the bearing inner and outer ring resonant frequency and damping coefficient, and analysis the bearing pre-load size.	
		Test type:	Hub bearing
		Test inner diameter range:	φ30~φ50mm
		Test number: Maximum test load:	Radial 15kN, axial 10kN
		Maximum relative inclination	
	T T T T T T T T T T T T T T T T T T T	Exciting:	Frequency 3000Hz, exciting force 15kg, amplitude ±5mm
		Test methods:	Automatic computer control, monitoring and recording.
		Test parameters:	Stiffness, angle, load, Resonant frequency, damping coefficient, etc.
20	TAUh20-70f Automobile Hub Bearing Friction Torque Testing Machine	diameter 20-70mm range a	*
		Test type: Test inner diameter range:	Hub bearing φ20~φ70mm
		Test inner diameter range: Test number:	φ20'~φ/0ΠΠ 1
		Maximum radial load:	1 10kN
		Friction torque:	5N.m, 10N.m
		Maximum test speed:	2000r/min
		Test methods:	Automatic computer control, monitoring and recording.
		Test parameters:	Speed, load, friction torque, etc.
21	TAC30—50nT Automobile Clutch Release Bearing Simulation Testing Machine	50mm range are mainly use	
	-	Test type:	Clutch Release Bearing
		Test inner diameter range:	φ30~φ50mm
		Test number:	1
	_	Clutch frequency:	2Hz
		Maximum axial load: Maximum test speed:	1kN 10000r/min
	+	Test methods:	Automatic computer control, monitoring and recording.
	+	Test parameters:	Speed, load, temperature, noise, Clutch times, motor current, etc.
	i .	р	r,, r

22	TOX20-60f Testing Machine of Automobile Suspension Support Bearing and Components	diameter 20-60mm range a	and working life test of support bearing and its components in the inner re mainly used, with a high temperature tank and mud module.
		Test type:	Support bearing and its components
	- +/↑+	Test inner diameter range:	φ20~φ60mm
	 	Test number: Maximum test load:	Radial 10kN,axial 35kN
		Swing range:	±45°
	The state of the s	Test speed:	30~120r/min
	· 4	Test methods:	Automatic computer control, monitoring and recording.
		Test parameters:	Speed, load, temperature, torque, current, cycles, etc.
23	TA10-30nT Automobile Water Pump Bearing Testing Machine	mainly used.	and life test of water pump bearing in the inner diameter 10-30mm range are
		Test type:	Water pump bearing
-		Test inner diameter range: Test number:	φ10~φ30mm 2
 		Maximum radial load:	2 8kN
		Heating temperature:	Room temperature~100°C
		Maximum test speed:	15000r/min
		Test methods:	Automatic computer control, monitoring and recording.
		Test parameters:	Speed, load, temperature, vibration, motor current, etc.
24	TA8-30NT Automobile Generator	Purpose: the performance	and life test of generator bearing in the inner diameter 8-30mm range are
4**	Bearing Testing Machine	mainly used.	
		Test type:	Deep groove ball bearing,etc
		Test inner diameter range:	φ8~φ30mm
		Test number: Maximum test load:	2 Radial 5kN,axial 3kN
		Heating temperature:	Radiai 3kin, axiai 3kin Room temperature~200°C
		Maximum test speed:	36000r/min
		Test methods:	Automatic computer control, monitoring and recording.
		Test parameters:	Speed, load, temperature, vibration, motor current, etc.
25	TA10-100 Automobile Hub Unit ABS Wheel Speed Sensor Testing Machine	Purpose: the performance of 100mm range are mainly us	test of ABS wheel speed sensor of Wheel hub unit in the inner diameter 10-sed.
		Test type:	ABS wheel speed sensor
	-	Test inner diameter:	φ10~φ100mm
	_	Test number: Maximum test speed:	1 3000r/min
		Test methods:	Automatic computer control, monitoring and recording.
			Speed, current, number of teeth, open current and stator current value, duty
		Active test parameters: Passive test parameters:	cycle, etc. Speed, current, number of teeth, the output voltage peak, valid value, resistors,
			etc.
26	TA10-100 Automobile Hub Unit ABS Sensor Dynamic Testing Machine	Purpose: the dynamic simu inner diameter 10-100mm i	lation performance test of ABS wheel speed sensor of wheel hub unit in the range are mainly used.
26	Sensor Dynamic Testing Machine	inner diameter 10-100mm i	range are mainly used.
26		inner diameter 10-100mm i Test type:	ABS wheel speed sensor
26	Sensor Dynamic Testing Machine	inner diameter 10-100mm i	range are mainly used.
26	Sensor Dynamic Testing Machine	Test type: Test inner diameter:	ABS wheel speed sensor $ \frac{\phi 10 \sim \phi 100 mm}{2} $ $ \frac{2}{3000 r/min} $
26	Sensor Dynamic Testing Machine	Test type: Test inner diameter: Test number: Maximum test speed: Test methods:	ABS wheel speed sensor φ10~φ100mm 2 3000r/min Automatic computer control,monitoring and recording.
26	Sensor Dynamic Testing Machine TAW500-1500 High Speed Shaft	Test type: Test inner diameter: Test inner diameter: Test number: Maximum test speed: Test methods: Test parameters: Purpose: the abrasion perfe	ABS wheel speed sensor $ \frac{\phi 10 \sim \phi 100 mm}{2} $ $ \frac{2}{3000 r/min} $
	Sensor Dynamic Testing Machine	Test type: Test inner diameter: Test inner diameter: Test number: Maximum test speed: Test methods: Test parameters: Purpose: the abrasion perfoare mainly used.	ABS wheel speed sensor $\phi 10 \sim \phi 100 mm$ 2 $3000 r/min$ Automatic computer control, monitoring and recording. Speed, current, output voltage signal and the waveform, etc. ormance and life test of transmission shaft within the diameter 1.5m range
	Sensor Dynamic Testing Machine TAW500-1500 High Speed Shaft	Test type: Test inner diameter: Test inner diameter: Test number: Maximum test speed: Test methods: Test parameters: Purpose: the abrasion perfoare mainly used. Test type:	ABS wheel speed sensor
	Sensor Dynamic Testing Machine TAW500-1500 High Speed Shaft	Test type: Test inner diameter: Test number: Maximum test speed: Test methods: Test parameters: Purpose: the abrasion perfoare mainly used. Test type: Test pieces Length:	ABS wheel speed sensor $\phi 10 \sim \phi 100 mm$ 2 $3000 r/min$ Automatic computer control, monitoring and recording. Speed, current, output voltage signal and the waveform, etc. ormance and life test of transmission shaft within the diameter 1.5m range
	Sensor Dynamic Testing Machine TAW500-1500 High Speed Shaft	Test type: Test inner diameter: Test number: Maximum test speed: Test methods: Test parameters: Purpose: the abrasion perfoare mainly used. Test type: Test pieces Length: Test number:	ABS wheel speed sensor
	Sensor Dynamic Testing Machine TAW500-1500 High Speed Shaft	inner diameter 10-100mm i Test type: Test inner diameter: Test number: Maximum test speed: Test methods: Test parameters: Purpose: the abrasion perfoare mainly used. Test type: Test pieces Length: Test number: Maximum test speed:	ABS wheel speed sensor
	Sensor Dynamic Testing Machine TAW500-1500 High Speed Shaft	inner diameter 10-100mm i Test type: Test inner diameter: Test number: Maximum test speed: Test methods: Test parameters: Purpose: the abrasion perfoare mainly used. Test type: Test pieces Length: Test number: Maximum test speed: Maximum test torque:	ABS wheel speed sensor
	Sensor Dynamic Testing Machine TAW500-1500 High Speed Shaft	inner diameter 10-100mm i Test type: Test inner diameter: Test number: Maximum test speed: Test methods: Test parameters: Purpose: the abrasion perfoare mainly used. Test type: Test pieces Length: Test number: Maximum test speed: Maximum test torque: Test methods:	ABS wheel speed sensor
27	Sensor Dynamic Testing Machine TAW500-1500 High Speed Shaft	Test type: Test inner diameter: Test inner diameter: Test number: Maximum test speed: Test methods: Test parameters: Purpose: the abrasion perfeare mainly used. Test type: Test pieces Length: Test number: Maximum test speed: Maximum test torque: Test methods: Test parameters:	ABS wheel speed sensor
27	TAW500-1500 High Speed Shaft Abrasion Test Rig	Test type: Test inner diameter: Test inner diameter: Test number: Maximum test speed: Test methods: Test parameters: Purpose: the abrasion performer mainly used. Test type: Test pieces Length: Test number: Maximum test speed: Maximum test torque: Test methods: Test parameters: Test methods: Test parameters: test machine sell Purpose: the performance, speed railway, the subway trange Can be used.	ABS wheel speed sensor \$\phi 10 \simp \phi 100\text{min}\$ Automatic computer control,monitoring and recording. Speed, current, output voltage signal and the waveform, etc. brance and life test of transmission shaft within the diameter 1.5m range Automobile transmission shaft \$0.5 \simp 1.5m 1 7000r/min 2000N.m Automatic computer control,monitoring and recording. Temperature, speed, torque, current, etc. *ies thermal and endurance test for the locomotive vehicles wheel of class of high rail transit to railway axle box bearing in the inner diameter 80-200mm
27 Three	TAW500-1500 High Speed Shaft Abrasion Test Rig Rail transit bearing TRa80-200F Railway Wheel Axle	inner diameter 10-100mm in Test type: Test inner diameter: Test number: Maximum test speed: Test methods: Test parameters: Purpose: the abrasion performer mainly used. Test type: Test pieces Length: Test number: Maximum test speed: Maximum test torque: Test methods: Test parameters: test machine sel Purpose: the performance, speed railway, the subway in range Can be used. Test type:	ABS wheel speed sensor \$\phi 10 \simp \phi 100\text{min}\$ Automatic computer control,monitoring and recording. Speed, current, output voltage signal and the waveform, etc. **Ormance and life test of transmission shaft within the diameter 1.5m range Automobile transmission shaft \$0.5 \simp 1.5m \$1 \$7000r/min\$ \$2000N.m\$ Automatic computer control,monitoring and recording. Temperature, speed, torque, current, etc. **ies** thermal and endurance test for the locomotive vehicles wheel of class of high rail transit to railway axle box bearing in the inner diameter 80-200mm Railway axle box bearing
27 Three	TAW500-1500 High Speed Shaft Abrasion Test Rig Rail transit bearing TRa80-200F Railway Wheel Axle	inner diameter 10-100mm in Test type: Test inner diameter: Test number: Maximum test speed: Test methods: Test parameters: Purpose: the abrasion performer mainly used. Test pieces Length: Test number: Maximum test speed: Maximum test torque: Test methods: Test parameters: test machine sel Purpose: the performance, speed railway, the subway in range Can be used. Test type: Test inner diameter range:	ABS wheel speed sensor
27 Three	TAW500-1500 High Speed Shaft Abrasion Test Rig Rail transit bearing TRa80-200F Railway Wheel Axle	inner diameter 10-100mm in Test type: Test inner diameter: Test number: Maximum test speed: Test methods: Test parameters: Purpose: the abrasion performer mainly used. Test pieces Length: Test number: Maximum test speed: Maximum test torque: Test methods: Test parameters: test machine sel Purpose: the performance, speed railway, the subway in range Can be used. Test type: Test inner diameter range: Test number:	ABS wheel speed sensor \$\phi 10 \simp \phi 100\text{min}\$ Automatic computer control,monitoring and recording. Speed, current, output voltage signal and the waveform, etc. **Drmance and life test of transmission shaft within the diameter 1.5m range Automobile transmission shaft \$0.5 \simp 1.5m 1 7000r/min 2000N.m Automatic computer control,monitoring and recording. Temperature, speed, torque, current, etc. **ies** thermal and endurance test for the locomotive vehicles wheel of class of high rail transit to railway axle box bearing \$\phi 80 \simp \phi 200mm 2000mm 2000mm
27 Three	TAW500-1500 High Speed Shaft Abrasion Test Rig Rail transit bearing TRa80-200F Railway Wheel Axle	inner diameter 10-100mm in Test type: Test inner diameter: Test number: Maximum test speed: Test methods: Test parameters: Purpose: the abrasion perfeare mainly used. Test pieces Length: Test number: Maximum test speed: Maximum test torque: Test methods: Test parameters: test machine sel Purpose: the performance, speed railway, the subway in range Can be used. Test type: Test inner diameter range: Test number: Maximum test load:	ABS wheel speed sensor \$\phi 10 \simp \phi 100\text{min}\$ Automatic computer control,monitoring and recording. Speed, current, output voltage signal and the waveform, etc. **Drmance and life test of transmission shaft within the diameter 1.5m range* Automobile transmission shaft \$0.5 \simp 1.5m 1 7000r/min 2000N.m Automatic computer control,monitoring and recording. Temperature, speed, torque, current, etc. **ies** thermal and endurance test for the locomotive vehicles wheel of class of high rail transit to railway axle box bearing in the inner diameter 80-200mm Railway axle box bearing \$\phi 80 \simp \phi 200\text{mm}\$ Railway axle box bearing \$\phi 80 \simp \phi 200\text{mm}\$ Railand 250kN, axial \pm 200kN
27 Three	TAW500-1500 High Speed Shaft Abrasion Test Rig Rail transit bearing TRa80-200F Railway Wheel Axle	Test type: Test inner diameter: Test inner diameter: Test number: Maximum test speed: Test methods: Test parameters: Purpose: the abrasion perfeare mainly used. Test type: Test pieces Length: Test number: Maximum test speed: Maximum test torque: Test methods: Test parameters: test machine sel Purpose: the performance, speed railway, the subway is range Can be used. Test inner diameter range: Test number: Maximum test load: Maximum test load: Maximum test speed:	ABS wheel speed sensor \$\phi 10 \simp \phi 100\text{min}\$ Automatic computer control,monitoring and recording. Speed, current, output voltage signal and the waveform, etc. **Ormance and life test of transmission shaft within the diameter 1.5m range* Automobile transmission shaft \$0.5 \simp 1.5\text{m}\$ 1 7000r/min 2000N.m Automatic computer control,monitoring and recording. Temperature, speed, torque, current, etc. **ies** thermal and endurance test for the locomotive vehicles wheel of class of high rail transit to railway axle box bearing in the inner diameter 80-200mm Railway axle box bearing \$\phi 80 \simp \phi 200\text{m}\$ Railal 250kN, axial \pm 200kN 3800r/min (550km/h)
27 Three	TAW500-1500 High Speed Shaft Abrasion Test Rig Rail transit bearing TRa80-200F Railway Wheel Axle	Test type: Test inner diameter: Test inner diameter: Test number: Maximum test speed: Test methods: Test parameters: Purpose: the abrasion perfeare mainly used. Test type: Test pieces Length: Test number: Maximum test speed: Maximum test torque: Test methods: Test parameters: test machine sel Purpose: the performance, speed railway, the subway is range Can be used. Test inner diameter range: Test inner diameter range: Test number: Maximum test load: Maximum test speed: Analog wind speed:	ABS wheel speed sensor \$\phi 10 \simp \phi 100\text{min}\$ Automatic computer control,monitoring and recording. Speed, current, output voltage signal and the waveform, etc. **Ormance and life test of transmission shaft within the diameter 1.5m range Automobile transmission shaft \$0.5 \simp 1.5\text{m}\$ 1 7000r/min 2000N.m Automatic computer control,monitoring and recording. Temperature, speed, torque, current, etc. **ies** thermal and endurance test for the locomotive vehicles wheel of class of high rail transit to railway axle box bearing in the inner diameter 80-200mm Railway axle box bearing \$\phi 80 \simp \phi 200\text{mm}\$ Railway axle box bearing \$\phi 80 \simp \phi 200\text{km}\$ Radial 250kN, axial \pm 200kN 3800r/min (550km/h) \$0 \simp 180km/h (50m/s)
27 Three	TAW500-1500 High Speed Shaft Abrasion Test Rig Rail transit bearing TRa80-200F Railway Wheel Axle	Test type: Test inner diameter: Test inner diameter: Test number: Maximum test speed: Test methods: Test parameters: Purpose: the abrasion perfeare mainly used. Test type: Test pieces Length: Test number: Maximum test speed: Maximum test torque: Test methods: Test parameters: test machine sel Purpose: the performance, speed railway, the subway is range Can be used. Test inner diameter range: Test number: Maximum test load: Maximum test load: Maximum test speed:	ABS wheel speed sensor \[\text{q10}\sigma\text{p100mm} \] \[\text{2} \] \[\text{3000r/min} \] Automatic computer control, monitoring and recording. \] Speed, current, output voltage signal and the waveform, etc. \text{prmance and life test of transmission shaft within the diameter 1.5m range} \[\text{Automobile transmission shaft} \] \[\text{0.5}\sigma\cdot 1.5m \] \[\text{1} \] \[\text{7000r/min} \] \[\text{2000N.m} \] Automatic computer control, monitoring and recording. \] Temperature, speed, torque, current, etc. \[\text{ies} \] thermal and endurance test for the locomotive vehicles wheel of class of high rail transit to railway axle box bearing in the inner diameter 80-200mm \] \[\text{Railway axle box bearing} \] \[\text{ \text{q80}\sigma \text{ \text{q000mm}}} \] \[\text{Radial 250kN, axial \pm \frac{\pm 200kN}{\pm 3800r/min} \text{(550km/h)}

	TRa50-160tF Locomotive Traction	Purpose: the performance to	est, thermal test, high and low temperature environment simulation tests
29	Motor Bearing Testing Machine	•	notive traction motor bearing of class of high speed railway, the subway
	3 3		eter 50-160mm range can be used.
		Test type: Test inner diameter range:	Traction motor bearing φ50∼φ160mm
	1000	Test number:	1
	A CONTRACTOR OF THE PARTY OF TH	Maximum test load:	Gear radial 300kN, rotor radial 100kN, axial 70kN
		Maximum test speed:	10000r/min
		Analog wind speed and temperature:	$0\sim$ 180km/h (50m/s) , -50°C \sim +50°C
	7213	Test methods:	Automatic computer control, monitoring and recording.
	TRa100-200F Railway Locomotive	Test parameters:	Speed, load, temperature, vibration, motor current, etc.
30	Holding Axle Box Bearing Testing		nd endurance test for holding the axle box bearing of class of high speed asit in the inner diameter 100-200mm range can be used.
		Test type: Test inner diameter range:	Holding the axle box bearing
		Test number:	φ50~φ160mm 2
		Maximum test load:	Radial 260kN,axial 100kN
		Maximum test speed:	1500r/min
		Analog wind speed:	0~30km/h
		Test methods: Test parameters:	Automatic computer control,monitoring and recording. Speed, load, temperature, vibration, motor current, etc.
		rest parameters.	Speed, toda, temperature, vibration, motor current, etc.
Four	Wind power bearing	testing machine	eseries
	TWp 1500-3000F Wind Turbine Yaw		
31	and Pitch Wheel Bearing Dynamic Simulation Testing Machine	Purpose: the dynamic simul diameter 100-200mm range	ation test of wind turbine yaw and pitch wheel bearing in the inner are mainly used.
		Test type:	Wind Turbine yaw and pitch wheel bearing
		Test inner diameter range:	φ1500~φ3000mm
		Test number:	1
		Maximum radial load: Maximum axial load:	Spindle end 2000 kN, auxiliary shaft end 1000 kN 1000kN
		Maximum test speed:	1r/min
		Test methods:	Automatic computer control, monitoring and recording.
	给承达领权	Test parameters:	Speed, load, temperature, vibration, torque, motor current, etc.
32	TWp1000-3000F Wind Turbine Yaw and Pitch Wheel Bearing Friction Torque Testing Machine	Purpose: the starting and dy the inner diameter 1000-300	namic friction torque test of wind turbine yaw and pitch wheel bearing in 0mm range are mainly used.
	Torque Testing Waterine		
	Torque resting stractime	Test type:	Wind Turbine yaw and pitch wheel bearing
	Torque l'esting viacinité	Test inner diameter range:	
	Torque Lesing Waterine	Test inner diameter range: Test number:	Wind Turbine yaw and pitch wheel bearing
	Torque Testing Watchine	Test inner diameter range:	Wind Turbine yaw and pitch wheel bearing φ1000~φ3000mm 1 1r/min 1000N.m×Drive ratio
	Torque Testing Waterine	Test inner diameter range: Test number: Maximum test speed: Friction torque range: Test methods:	Wind Turbine yaw and pitch wheel bearing φ1000~φ3000mm 1 1r/min 1000N.m×Drive ratio Automatic computer control,monitoring and recording.
		Test inner diameter range: Test number: Maximum test speed: Friction torque range:	Wind Turbine yaw and pitch wheel bearing φ1000~φ3000mm 1 1r/min 1000N.m×Drive ratio
33	TWp500-800F Megawatt Wind Turbine Gearbox Bearing Testing Machine	Test inner diameter range: Test number: Maximum test speed: Friction torque range: Test methods: Test parameters:	Wind Turbine yaw and pitch wheel bearing
33	TWp500-800F Megawatt Wind Turbine Gearbox Bearing Testing	Test inner diameter range: Test number: Maximum test speed: Friction torque range: Test methods: Test parameters: Purpose: the performance a diameter 1000-3000mm range: Test type:	Wind Turbine yaw and pitch wheel bearing
33	TWp500-800F Megawatt Wind Turbine Gearbox Bearing Testing	Test inner diameter range: Test number: Maximum test speed: Friction torque range: Test methods: Test parameters: Purpose: the performance a diameter 1000-3000mm range: Test type: Test inner diameter range:	Wind Turbine yaw and pitch wheel bearing φ1000~φ3000mm 1 1r/min 1000N.m×Drive ratio Automatic computer control,monitoring and recording. Speed, load, temperature, vibration, torque,motor current, etc. and durability test of megawatt wind turbine gearbox bearing in the inner ge are mainly used. Wind turbine gearbox bearing φ500~φ800mm
33	TWp500-800F Megawatt Wind Turbine Gearbox Bearing Testing	Test inner diameter range: Test number: Maximum test speed: Friction torque range: Test methods: Test parameters: Purpose: the performance a diameter 1000-3000mm range: Test inner diameter range: Test number:	Wind Turbine yaw and pitch wheel bearing φ1000~φ3000mm 1 1r/min 1000N.m×Drive ratio Automatic computer control,monitoring and recording. Speed, load, temperature, vibration, torque,motor current, etc. and durability test of megawatt wind turbine gearbox bearing in the inner ge are mainly used. Wind turbine gearbox bearing φ500~φ800mm 2/4
33	TWp500-800F Megawatt Wind Turbine Gearbox Bearing Testing	Test inner diameter range: Test number: Maximum test speed: Friction torque range: Test methods: Test parameters: Purpose: the performance a diameter 1000-3000mm range: Test inner diameter range: Test number: Maximum radial load:	Wind Turbine yaw and pitch wheel bearing φ1000~φ3000mm 1 1r/min 1000N.m×Drive ratio Automatic computer control,monitoring and recording. Speed, load, temperature, vibration, torque,motor current, etc. and durability test of megawatt wind turbine gearbox bearing in the inner ge are mainly used. Wind turbine gearbox bearing φ500~φ800mm 2/4 1200kN
33	TWp500-800F Megawatt Wind Turbine Gearbox Bearing Testing	Test inner diameter range: Test number: Maximum test speed: Friction torque range: Test methods: Test parameters: Purpose: the performance a diameter 1000-3000mm range: Test inner diameter range: Test number:	Wind Turbine yaw and pitch wheel bearing φ1000~φ3000mm 1 1r/min 1000N.m×Drive ratio Automatic computer control,monitoring and recording. Speed, load, temperature, vibration, torque,motor current, etc. and durability test of megawatt wind turbine gearbox bearing in the inner ge are mainly used. Wind turbine gearbox bearing φ500~φ800mm 2/4
33	TWp500-800F Megawatt Wind Turbine Gearbox Bearing Testing	Test inner diameter range: Test number: Maximum test speed: Friction torque range: Test methods: Test parameters: Purpose: the performance a diameter 1000-3000mm range: Test inner diameter range: Test number: Maximum radial load: Maximum axial load:	Wind Turbine yaw and pitch wheel bearing
33	TWp500-800F Megawatt Wind Turbine Gearbox Bearing Testing	Test inner diameter range: Test number: Maximum test speed: Friction torque range: Test methods: Test parameters: Purpose: the performance a diameter 1000-3000mm range: Test inner diameter range: Test number: Maximum radial load: Maximum axial load: Maximum test speed:	Wind Turbine yaw and pitch wheel bearing φ1000~φ3000mm 1 1r/min 1000N.m×Drive ratio Automatic computer control,monitoring and recording. Speed, load, temperature, vibration, torque,motor current, etc. and durability test of megawatt wind turbine gearbox bearing in the inner ge are mainly used. Wind turbine gearbox bearing φ500~φ800mm 2/4 1200kN 200kN 100r/min
33 Five	TWp500-800F Megawatt Wind Turbine Gearbox Bearing Testing Machine Aerospace bearing to	Test inner diameter range: Test number: Maximum test speed: Friction torque range: Test methods: Test parameters: Purpose: the performance a diameter 1000-3000mm range: Test inner diameter range: Test number: Maximum radial load: Maximum axial load: Maximum test speed: Test methods: Test parameters:	Wind Turbine yaw and pitch wheel bearing
	TWp500-800F Megawatt Wind Turbine Gearbox Bearing Testing Machine	Test inner diameter range: Test number: Maximum test speed: Friction torque range: Test methods: Test parameters: Purpose: the performance a diameter 1000-3000mm range: Test inner diameter range: Test number: Maximum radial load: Maximum axial load: Maximum axial load: Test methods: Test parameters: est machine serie Purpose: the life and perfore 210mm range are mainly usused for general aviation engineers	Wind Turbine yaw and pitch wheel bearing
Five	TWp500-800F Megawatt Wind Turbine Gearbox Bearing Testing Machine Aerospace bearing to TDR75-210nTf (ZYS-102) Aeroengine Between Shafts Bearing Double Ferrule Rotation Test	Test inner diameter range: Test number: Maximum test speed: Friction torque range: Test methods: Test parameters: Purpose: the performance a diameter 1000-3000mm range: Test inner diameter range: Test number: Maximum radial load: Maximum axial load: Maximum test speed: Test methods: Test parameters: est machine serious for general aviation engage in the serious	Wind Turbine yaw and pitch wheel bearing φ1000~φ3000mm 1 1r/min 1000N.m×Drive ratio Automatic computer control,monitoring and recording. Speed, load, temperature, vibration, torque,motor current, etc. Indicate the inner gear box bearing in the inner gear mainly used. Wind turbine gearbox bearing φ500~φ800mm 2/4 1200kN 200kN 100r/min Automatic computer control,monitoring and recording. Speed, load, temperature, vibration,motor current, etc. Possible the inner diameter 75- detect the state of the inner diameter 75- detect the
Five	TWp500-800F Megawatt Wind Turbine Gearbox Bearing Testing Machine Aerospace bearing to TDR75-210nTf (ZYS-102) Aeroengine Between Shafts Bearing Double Ferrule Rotation Test	Test inner diameter range: Test number: Maximum test speed: Friction torque range: Test methods: Test parameters: Purpose: the performance a diameter 1000-3000mm range: Test type: Test inner diameter range: Maximum radial load: Maximum axial load: Maximum test speed: Test methods: Test parameters: est machine serious the life and perfor 210mm range are mainly usused for general aviation engineers. Test type: Test type: Test type: Test type: Test inner diameter range:	Wind Turbine yaw and pitch wheel bearing φ1000~φ3000mm 1 Ir/min 1000N.m×Drive ratio Automatic computer control,monitoring and recording. Speed, load, temperature, vibration, torque,motor current, etc. Indicate the inner gear box bearing in the inner gear mainly used. Wind turbine gearbox bearing φ500~φ800mm 2/4 1200kN 200kN 100r/min Automatic computer control,monitoring and recording. Speed, load, temperature, vibration,motor current, etc. Possible the inner diameter 75- detected, test of aeroengine between shafts bearing in the inner diameter 75- detected, test bearing inner and outer rings rotate simultaneously, it can also be gine shaft bearing test. Between shafts bearing φ75~φ180mm
Five	TWp500-800F Megawatt Wind Turbine Gearbox Bearing Testing Machine Aerospace bearing to TDR75-210nTf (ZYS-102) Aeroengine Between Shafts Bearing Double Ferrule Rotation Test	Test inner diameter range: Test number: Maximum test speed: Friction torque range: Test methods: Test parameters: Purpose: the performance a diameter 1000-3000mm range: Test inner diameter range: Test number: Maximum radial load: Maximum axial load: Maximum test speed: Test methods: Test parameters: est machine serious the life and perfor 210mm range are mainly usused for general aviation engage. Test type: Test inner diameter range: Test type: Test inner diameter range: Test type: Test inner diameter range: Test number:	Wind Turbine yaw and pitch wheel bearing \$\text{q}1000 \sigma \text{q}3000mm\$ \tag{1}{\text{Ir/min}} \text{1000N.m×Drive ratio} Automatic computer control,monitoring and recording. Speed, load, temperature, vibration, torque,motor current, etc. and durability test of megawatt wind turbine gearbox bearing in the inner ge are mainly used. Wind turbine gearbox bearing \$\text{\psi}500 \sigma \text{\psi}800mm\$ \text{2/4} \text{1200kN} \text{200kN} \text{100r/min} Automatic computer control,monitoring and recording. Speed, load, temperature, vibration,motor current, etc. Between shafts bearing in the inner diameter 75-ed, test bearing inner and outer rings rotate simultaneously, it can also be gine shaft bearing test. Between shafts bearing \$\text{\psi}75 \sigma \text{\psi}80mm\$ 1
Five	TWp500-800F Megawatt Wind Turbine Gearbox Bearing Testing Machine Aerospace bearing to TDR75-210nTf (ZYS-102) Aeroengine Between Shafts Bearing Double Ferrule Rotation Test	Test inner diameter range: Test number: Maximum test speed: Friction torque range: Test methods: Test parameters: Purpose: the performance a diameter 1000-3000mm range: Test type: Test inner diameter range: Maximum radial load: Maximum axial load: Maximum test speed: Test methods: Test parameters: est machine serious the life and perfor 210mm range are mainly usused for general aviation engineers. Test type: Test type: Test type: Test type: Test inner diameter range:	Wind Turbine yaw and pitch wheel bearing q1000~q3000mm 1 Ir/min 1000N.m×Drive ratio Automatic computer control,monitoring and recording. Speed, load, temperature, vibration, torque,motor current, etc. Indicate the inner gear box bearing in the inner gear emainly used. Wind turbine gearbox bearing q500~q800mm 2/4 1200kN 200kN 100r/min Automatic computer control,monitoring and recording. Speed, load, temperature, vibration,motor current, etc. PS In ance test of aeroengine between shafts bearing in the inner diameter 75-ed, test bearing inner and outer rings rotate simultaneously, it can also be gine shaft bearing test. Between shafts bearing q75~q180mm 1 30kN
Five	TWp500-800F Megawatt Wind Turbine Gearbox Bearing Testing Machine Aerospace bearing to TDR75-210nTf (ZYS-102) Aeroengine Between Shafts Bearing Double Ferrule Rotation Test	Test inner diameter range: Test number: Maximum test speed: Friction torque range: Test methods: Test parameters: Purpose: the performance a diameter 1000-3000mm range: Test inner diameter range: Test inner diameter range: Maximum radial load: Maximum axial load: Maximum test speed: Test methods: Test parameters: est machine serie Purpose: the life and perfore 210mm range are mainly used for general aviation engage of the serie of the series of the	Wind Turbine yaw and pitch wheel bearing \$\text{q}1000 \sigma \text{q}3000\text{mm}\$ \text{Ir/min}\$ \text{1000N.m×Drive ratio}\$ Automatic computer control,monitoring and recording. Speed, load, temperature, vibration, torque,motor current, etc. and durability test of megawatt wind turbine gearbox bearing in the inner ge are mainly used. Wind turbine gearbox bearing \$\text{\psi}500 \sigma \text{\psi}800\text{mm}\$ \text{2/4}\$ \text{1200kN}\$ \text{200kN}\$ \text{100r/min}\$ Automatic computer control,monitoring and recording. Speed, load, temperature, vibration,motor current, etc. Speed, load, temperature, vibration,motor current, etc. Between shafts bearing in the inner diameter 75-ed, test bearing inner and outer rings rotate simultaneously, it can also be gine shaft bearing test. Between shafts bearing \$\text{\psi}75 \sigma \text{\psi}180\text{mm}\$ 1
Five	TWp500-800F Megawatt Wind Turbine Gearbox Bearing Testing Machine Aerospace bearing to TDR75-210nTf (ZYS-102) Aeroengine Between Shafts Bearing Double Ferrule Rotation Test	Test inner diameter range: Test number: Maximum test speed: Friction torque range: Test methods: Test parameters: Purpose: the performance a diameter 1000-3000mm range: Test type: Test inner diameter range: Test number: Maximum radial load: Maximum axial load: Test parameters: est machine serie Purpose: the life and perfor 210mm range are mainly usused for general aviation engage are series. Test inner diameter range: Test type: Test inner diameter range: Test number: Maximum radial load: Oil temperature:	Wind Turbine yaw and pitch wheel bearing φ1000~φ3000mm 1 Ir/min 1000N.m×Drive ratio Automatic computer control,monitoring and recording. Speed, load, temperature, vibration, torque,motor current, etc. Indicate the inner gear box bearing in the inner gear emainly used. Wind turbine gearbox bearing φ500~φ800mm 2/4 1200kN 200kN 100r/min Automatic computer control,monitoring and recording. Speed, load, temperature, vibration,motor current, etc. PS In the inner diameter 75- Ed, test bearing inner and outer rings rotate simultaneously, it can also be gine shaft bearing test. Between shafts bearing φ75~φ180mm 1 30kN Room temperature~200°C

35	TAvAs40-80NT (ZYS-103) Aerospace Bearing Testing Machine	medium-sized high-speed a	cloading, light load slip,oil-break performance and durability test of viation and aerospace bearing in the inner diameter 40-80mm range are
	Dregastations reported.	mainly used.	Aviation garagness bearing
		Test type: Test inner diameter range:	Aviation, aerospace bearing φ40~φ100mm
	18	Test number:	1/2
		Test load:	Radial 20kN, axial 10kN
		Oil temperature:	Room temperature~200°C
-		Maximum test speed: Test methods:	36000r/min Automatic computer control monitoring and recording.
		Test parameters:	Speed, load, temperature, vibration, motor current, etc.
36	TAvAs8-50NT (ZYS-103A) Aviation and Aerospace Bearing Testing Machine	durability testing of small-s 50mm range are mainly use	ne adopts the main structure of simply supported beam. Performance and sized high-speed aviation and aerospace bearing in the inner diameter 8-ed. Aviation, aerospace bearing
		Test type: Test inner diameter range:	Aviation, aerospace bearing φ8∼φ50mm
		Test number:	1/2
		Test load:	Radial 10kN, axial 10kN
		Oil temperature:	Room temperature~200°C
		Maximum test speed:	60000r/min
		Test methods:	Automatic computer control, monitoring and recording.
-	The SEC 100 Mg (GNG 10.0)	Test parameters:	Speed, load, temperature, vibration, motor current, etc.
37	TAvE70-180nTf (ZYS-104) Aeroengine Spindle Bearing Testing	Performance and durability	ne can adopt the main structure of simply supported beam or cantilever. y test of medium and large aeroengine spindle bearing in the inner diameter
 		Test type: Test inner diameter range:	Aeroengine spindle bearing φ70∼φ180mm
+		Test number:	ψ/ο ψτουππ 1/2
		Test load:	Radial 100kN, axial 50kN
		Oil temperature:	Room temperature~200°C
	A. water	Maximum test speed:	20000r/min
		Test methods:	Automatic computer control, monitoring and recording.
-	The Fig. 100 The August City City	Test parameters:	Speed, load, temperature, vibration, motor current, etc.
38	TAvE50-180nTF Aeroengine Shaft Bearing Testing Machine		ne adopts the biaxial main structure, and it can accomplish simultaneously y test of 5 sets of engine high and low pressure rotor bearing.
+	Bearing Testing Wachine	Test type:	Aeroengine Shaft Bearing
		Test inner diameter range:	φ50~φ180mm
		Test number:	5
		Test load:	Radial 100kN,axial 50kN
		Oil temperature:	Room temperature~200°C
	1	Maximum test speed:	18000r/min
	0 110	Test methods: Test parameters:	Automatic computer control,monitoring and recording. Speed, load, temperature, vibration, motor current, etc.
	TAvE80-200nTf Aviation Shaft		ne is with complete turbine bearing and the outer casing of aviation engine
39	Bearing Testing Machine for Fault Simulation and Analysis		nd it can accomplish accelerated life test, pre-failure test and performance
-		Test type:	Aeroengine bearing and casing
-		Test inner diameter range: Test number:	φ80~φ200mm
		Test load:	Radial 20kN
1		Oil temperature:	Room temperature ~200°C
		Maximum test speed:	18000r/min
		Test methods:	Automatic computer control, monitoring and recording.
		Test parameters:	Speed, load, temperature, vibration, motor current, etc.
40	TAVK50-120nTf Aviation Bearing		ditions such as high temperature, high-speed, heavy or light load, dynamic
	Cage Dynamic Performance Testing	*	n bearing cage in the inner diameter 50-120mm range are mainly used.
 		Test type: Test inner diameter range:	Aerospace bearing φ50∼φ120mm
		Test number:	φυν φιζοπιπ
		Test load:	Radial 20kN, axial 10kN
		Oil temperature:	Room temperature ~100°C
		Maximum test speed:	12000r/min
		Test methods:	Automatic computer control,monitoring and recording.
		Test parameters:	Speed, load, temperature, vibration, current host, cage tilt angle, displacement
41	TAVASG8-30NfT Aviation and Aerospace Grease Lubricated Bearing Test Machine for High Temperature and High Speed		f high temperature and high speed, performance and durability test of small l bearing in the inner diameter 8-30mm range are mainly used. Aerospace grease lubricated bearing
 		Test inner diameter range:	φ8~φ30mm
		Test number:	φο φουπιπ 2
		Test load:	Radial 10kN, axial 2kN
		Heating temperature:	Room temperature ~300°C
		Maximum test speed:	60000r/min
		Test methods:	Automatic computer control,monitoring and recording.
		Test parameters:	Speed, load, temperature, vibration, motor current, etc.

	TAvAs8-30Nft Aviation and			
42		Purpose: at low temperatur	res, high-speed start-up performance and durability test of aviation and	
42	for Low Temperature and High	aerospace bearing in the ini	ner diameter 8-30mm range are mainly used.	
	Speed			
	3 0 000	Test type:	Aviation, aerospace bearing	
		Test inner diameter range: Test number:	φ8~φ30mm 2	
		Test load:	Radial 5kN, axial 5kN	
		Ambient temperature:	Room temperature \sim -50°C	
	T Constant	Maximum test speed:	60000r/min	
		Test methods:	Automatic computer control, monitoring and recording.	
		Test parameters:	Speed, load, temperature, vibration, motor current, etc.	
43	TAs2-7NT Aerospace Miniature Bearing Ultra-high Speed Testing Machine	Purpose: the performance and durability test of aerospace miniature bearing in the inner diameter 2-7mm range are mainly used.		
		Test type:	Aerospace miniature bearing	
		Test inner diameter range:	$\phi 2 \sim \phi 7 mm$	
		Test number:	1	
	0000	Test load:	Radial 50N, axial 50N	
	1889	Heating temperature: Maximum test speed:	Room temperature \sim 100 $^{\circ}$ C 120000r/min	
	The second second second	Test methods:	Automatic computer control, monitoring and recording.	
		Test parameters:	Speed, load, temperature, vibration, motor current, etc.	
44	TAsAf8-25N Aerospace Gyroscope Gas Dynamic Pressure Bearing Testing Machine	spherical diameter 8-25mm		
		Test type:	Aerospace gas dynamic pressure bearing	
		Spherical diameter range: Test number:	φ8~φ25mm	
		Test load:	Axial 25N	
		Displacement measurement		
	Al	error:	≤0.0001mm	
		Maximum test speed:	±40000r/min	
		Test methods:	Automatic computer control, monitoring and recording.	
	TAsV30-80 Vacuum Simulation Test	Test parameters:	Speed, load, temperature, vibration, motor current, etc.	
45			ronment, performance and durability test of aerospace meteorological m bearing in the inner diameter 30-80mm range are mainly used.	
		Test type:	Angular contact, deep groove ball bearing	
	999	Spherical diameter range:	φ30~φ80mm	
	o lon ag	Test number: Test load:	16 Axial preload 0~500N	
			*	
		Motion conditions:	Rotation 300r/min, swing $0.1^{\circ}/\text{s} \sim 20^{\circ}/\text{s}$, swing angle $-20^{\circ} \sim +20^{\circ}$	
		Environmental conditions:	Vacuum degree $1 \times 10^4 Pa$, temperature at room temperature $\sim 50^{\circ} C$	
	1	Friction torque test:	Range ≤0.5N.m, sensitivity ≤0.005N.m	
		Test methods:	Automatic computer control, monitoring and recording.	
		Test parameters:	Speed, swing speed, swing angle, friction torque, load, motor current, temperature, etc.	
46	TAsMs10-20NP Aerospace Aqueous Medium Bearing Testing Machine	Aerospace Aqueous Purpose: the simulation test of aqueous medium bearing in the inner diameter 10-20mm range in		
		Test type:	Aerospace bearing	
		Test diameter range:	φ10~φ20mm	
		Test number:	2	
		Test load:	Axial 1.5kN, radial 3kN ≤2MPa	
		Feed water pressure: Maximum test speed:	≤2MPa 65000r/min	
		Test methods:	Automatic computer control, monitoring and recording.	
	9/10	Test parameters:	Speed, load, temperature, vibration, Water pressure, motor current, etc.	
47	TAsNm8-30N Aerospace Guidance Systems Non-magnetic Bearing Testing Machine	Î	and durability test of aerospace guidance systems non-magnetic bearing in	
	1 esting Machine	Test type:	Aerospace bearing	
		Test diameter range:	φ8~φ30mm	
		Test number:	2	
·		Test load:	Axial 1kN, radial 1kN	
		Maximum test speed:	36000r/min	
		Test methods: Test parameters:	Spring Loaded, automatic computer control,monitoring and recording. Speed, load, temperature, vibration, motor current, etc.	
	1	rest parameters.	opeca, ioaa, temperature, vioration, motor current, etc.	