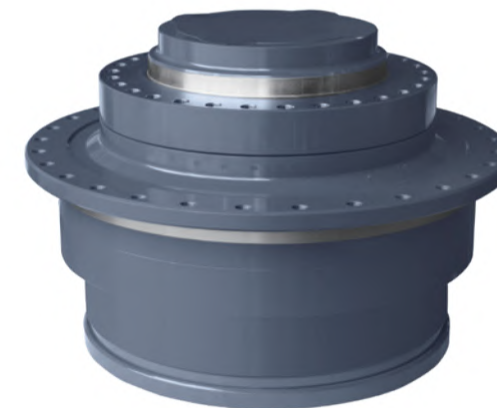




APMC 亚太传动

ENGINEERING MACHINERY
TRANSMISSION SOLUTIONS
工程机械传动解决方案

APMC
亚太传动



APMC 苏州亚太精睿传动科技股份有限公司
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Asia-pacific Transmission was established in April 2002, specializing in the research and development, design, manufacturing, and sales of core components and transmission systems in the field of heavy-duty transmission. The company is customer-oriented and supported by lean manufacturing technology, providing deep services to downstream customers in wind power, engineering machinery, oil and gas, metallurgy, mining and other fields.

In the construction machinery market, the company has designed and manufactured large tracked excavators with supporting walking devices, rotary and dump truck wheel edge devices, and other mechanisms. They have been successfully applied in batches for over 10000 hours on the client side and have been highly recognized by customers. They have achieved the goal of completely replacing imported products in China.

公司简介 COMPANY INTRODUCTION

亚太传动成立于2002年4月，专业致力于重载传动领域核心零部件及传动系统的研发、设计、制造和销售。公司以客户需求为导向，以精益制造技术为支撑，深度服务于风电、工程机械、油气、冶金、矿山等下游领域客户。

在工程机械市场，公司设计制造的大型履带式挖掘机配套行走装置、回转及自卸卡车轮边装置等机构，已成功通过客户端10000小时以上的批量应用,得到客户的高度认可，在中国实现了完全替代进口产品的目标。



发展历程
DEVELOPMENT
HISTORY

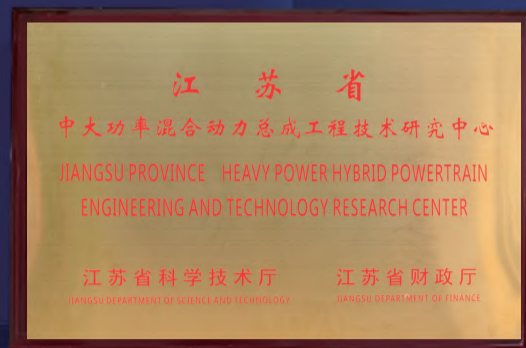
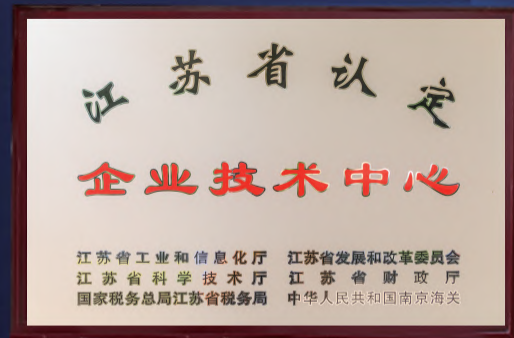
2023	通过国家专精特新“小巨人”企业认定 获评“苏州市5G工厂”荣誉 获得GB/T23001/6两化融合体系认证，等级AAA	Recognized as a national specialized, refined, and innovative "little giant" enterprise Honored as "Suzhou 5G Factory" Obtained GB/T23001/6 certification for the integration system of industrialization and industrialization, with a level of AAA
2022	股改完成，更名为苏州亚太精睿传动科技股份有限公司 通过“江苏省专精特新中小企业”认定 获批成立“苏州市工业设计中心” 获评“江苏省五星级上云企业”	The stock reform has been completed and renamed Suzhou Asia Pacific Jingrui Transmission Technology Co., Ltd Recognized as a "Specialized, Refined, Special, and New Small and Medium sized Enterprise in Jiangsu Province" Approved to establish "Suzhou Industrial Design Center" Awarded the title of "Jiangsu Province Five Star Cloud Enterprise"
2021	获评“苏州市守合同重信用企业” 获评“苏州市智能示范车间”	Awarded the title of "Suzhou Contract abiding and Creditworthy Enterprise" Awarded the title of "Suzhou Intelligent Demonstration Workshop"
2020	通过“两化融合管理体系”认证 获得苏州市质量奖	Certified through the "Integration of Industrialization and Industrialization Management System" Received Suzhou Quality Award
2019	成立江苏省中大功率混合动力总成工程技术研究中心 成立江苏省企业技术中心 通过GB/T 29490-2013知识产权管理体系认证	Establishing Jiangsu Province Engineering and Technology Research Center for Medium and High Power Hybrid Powertrain Establishing Jiangsu Provincial Enterprise Technology Center Certified by GB/T 29490-2013 Intellectual Property Management System
2018	成立苏州市外国专家工作室	Establish Suzhou Foreign Expert Studio
2017	大型履带式底盘行走减速机通过客户端10000小时的 批量应用，成功替代进口	The large-scale tracked chassis walking reducer has successfully replaced imports through 10000 hours of batch application on the client side
2016	成立苏州市企业技术中心	Establishing Suzhou Enterprise Technology Center
2015	成立企业博士后科研工作站（国家级）	Establishment of enterprise postdoctoral research workstation (national level)
2014	成立苏州市高强度大型精密齿轮传动装置工程技术研究中心	Establish Suzhou High Strength Large Precision Gear Transmission Equipment Engineering Technology Research Center
2012	通过“国家高新技术企业”认定	Recognized as a "National High tech Enterprise"
2008	通过ISO9001质量体系认证	Passed ISO9001 quality system certification
2002	苏州亚太金属有限公司成立	Suzhou Asia-pacific Metal Co., Ltd. Established

企业荣誉 CORPORATE HONORS



APMC多次获得国内技术和企业创新奖项，
是国家认定的高新技术企业，
拥有多项国际创新资质。

APMC has won domestic technology and enterprise innovation awards multiple times, and is a nationally recognized high-tech enterprise with multiple international innovation qualifications.



制造能力
MANUFACTURING
CAPABILITY



检测能力
DETECTION
CAPABILITY



产品介绍
PRODUCT
INTRODUCTION

应用领域
Application

- 矿山机械、桩工机械、液压挖掘机械、工程起重机械
- Mining Machinery, Piling Machinery, Hydraulic Excavating Machinery, Construction Hoisting Machinery

工作条件
Operation Condition

- 最高输入转速≤4000r/min
- 工作温度:-40℃~40℃(当环境温度低于0℃时， 起动前应预热润滑至10℃， 或采用低凝固点的润滑油， 如合成油)
- 适用于连续工作制或间断工作制， 并允许正反两向运转
- Max input ratios≤4000r/min
- Operation temp.: -40℃~40℃(Preheating oil to 10℃ when ambient temperature<0℃, or using lubrication oil of low-freezing, e.g. synthetic oil)
- Applicable to continuous and intermittent operation, enables forward and backward direction operation

润滑油&润滑方式
Lubrication & Lubrication Type

- **牌号、黏度:**
中负荷齿轮油L-CKC320或VG320,Mobil632(环境温度t>38℃)
中负荷齿轮油L-CKC220或VG220,Mobil630(环境温度t≤38℃)
符合GB 5903的规定
- **轴承:** 采用浸油润滑， 油品与齿轮润滑油品相同
- **热容量:** 浸油润滑， 工作平衡油温≤95℃

- **Brand, viscosity:**
L-CKC320 or VG320,Mobil632(ambient temp.t>38℃)
L-CKC220 or VG220, Mobil630(ambient temp.t≤38℃)
Complying with GB 5903
- **Bearing:** Using immersion lubrication, the oil used is the same as the gear lubrication oil
- **Thermal Capacity:** Immersion lubrication, working balance oil temperature ≤ 95 °C



检验方法
Inspection Method

- **气密性检验:**
用空气增压泵向减速机箱体内注入压力为0.055MPa的空气， 稳压后保压5min， 输入输出轴和各个机械结合面应无泄漏现象
- **Air Tight Test:**
Inject air with a pressure of 0.055MPa into the gearbox body using an air booster pump, maintain the pressure for 5 minutes after stabilizing, and there should be no leakage on the input and output shafts and various mechanical joint surfaces
- **空载试验:**
减速机在额定转速下， 正反方向各运行1h(带有逆止器的产品仅单方向运行)， 应符合以下要求：
1.各连接件、紧固件不得松动
2.各密封处、结合处不得渗油
3.运转平稳正常， 无明显停滞、振动和异常声响
4.减速机运转时产生的温升: 环境温度为50℃时， 油池最高的温度不应高于85℃
- **No-load Test:**
The reducer should run for 1 hour in both directions at rated speed (products with backstop only operate in one direction) and meet the following requirements:
1.All connections and fasteners shall not be loosened
2.No leakage from all sealinas or connections
3. Stable operation without apparent pause, vibration or abnormal voice
4. The oil pool temperature shall be equal to or under 85℃ when the ambient temp. reaches 50℃
- **负载试验:（新产品定型或批量抽检）**
1.按额定输入功率， 在额定转速下， 逐级加载试验， 每级载荷试验达到油温平衡1h后再增加一级(约20%额定负荷)， 直到平衡油温达到润滑油允许的最高温度为止
2.其运转时应连续平稳， 不得有明显停滞、振动和异常声响
3.减速机各运转过程各密封处不得有渗漏现象
4.减速机运转时允许的最高油温: 矿物油一般为90℃时， 合成油可允许100℃
- **Load Test:**
1.According to the rated input power, load the test step by step at the rated speed. After each load test reaches the oil temperature balance for 1 hour, add another level (about 20% of the rated load) until the balance oil temperature reaches the maximum allowable temperature of the lubricating oil
2.Its operation should be continuous and stable, without obvious stagnation, vibration, or abnormal sounds
3.There should be no leakage at the sealing points during the operation of the reducer
4.The maximum allowable oil temperature during the operation of the gearbox: when mineral oil is generally 90 °C, synthetic oil can be allowed at 100 °C

验收指标
Acceptance Indicators

- 温度: 各级温度平衡后不超过许用油温;
- 噪音: 无异常噪音， 各方向隔1米距离检测， 小于85dB;
- 振动: 振动按大纲要求， 一般不超过3.5mm/s;
- 清洁度: 负荷JB/T 7929中的K级;
- 紧固件无松动， 密封处无渗漏。
- Temperature: After temperature equilibrium at all levels, it shall not exceed the allowable oil temperature;
- Noise: No abnormal noise, detected at a distance of 1 meter in all directions, less than 85dB;
- Vibration: According to the outline requirements, the vibration generally does not exceed 3.5mm/s;
- Cleanliness: K level according to JB/T 7929 load;
- The fasteners are not loose and there is no leakage at the sealing area.

产品优势
PRODUCT
SUPERIORITY

A PRECISE
MANUFACTURER
& CREATOR

从制造到创造

定制开发
Customized Solutions



- 产品结构采用专利技术，满足主机矿山及特殊作业要求
- 承载能力覆盖范围更广，功率梯度更小，可按要求匹配减速比
- 矿山实地调研，长期跟踪了解主机使用工况，助力主机设计优化
- 外形安装与原有机型互换，可根据特殊工况针对设计
- 产品供货周期短，快速响应客户订单需求

- Product structure adopts Patent Technology, fulfilling the requirements of mine and special operation for machinery
- Larger carrying capacity, smaller power gradient, matched ratio as required
- Long-term tracking on machine operating based on field research, optimizing with assistant machine
- Interchangeable same external dimensions, custom-designed for special operating conditions
- Short supply cycle, prompt response to customer needs

高可靠性
High Reliability



- 超长寿命：耐碰撞，质保期长
- 工艺领先：齿面全部硬化
- 密封质优：质保内密封不漏油
- 外形安装与原有机型互换，可根据特殊工况针对设计
- 负载测试：120% 扭矩超载实验
- 出厂测试：出厂空载实验
- 设计精良：结构与轴承特殊设计
- 品质稳定：固化装配工艺，加强过程管控

- Ultra-long Service Life: strong crashworthiness, long warranty period
- Leading Process: all tooth surfaces hardened
- High Quality of Sealing: no leakage withine warranty
- Interchangeable same external dimensions, custom-designed for special operating conditions
- Load Testing: 120% torque overload test
- Inspection:100% ex-factory no-load test
- Well-designed: Special design for structure and bearing
- Stay In Grade: established assembly process, strenathening process controlling

易于维护
Easy Maintenance



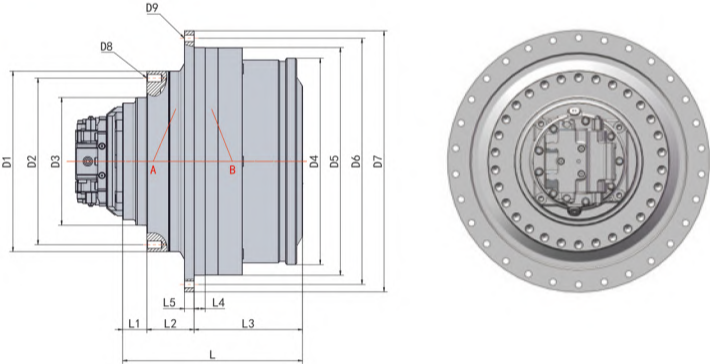
- 结构简单可靠
- 便于安装维护
- 易换油易保养
- 快速更换组件
- 维护结构简单
- 采用积木式结构(模块化)设计，在齿轮箱不拆机的情况下，打开端盖，即可更换第一级和第二级行星排零件
- 齿轮箱无易损件，仅需定期更新润滑油

- Simple and reliable structure
- Easy to install and maintain
- Easy to change oil and maintain
- Quick component replacement
- Simple maintenance structure
- Adopting a modular modular structure design, without disassembling the gearbox,
- Open the end cover to replace the first and second stage planetary gear parts
- The gearbox has no vulnerable parts and only requires regular updates of lubricating oil

挖掘机行走驱动
EXCAVATOR WALKING
DRIVE

· 适用挖掘机履带行走驱动
Suitable for excavator track walking drive

型号 Type	产品编码 Product code	D1	D2	D3	D4	D5	D6	D7	D8	D9
YTXZ650-76-A	XZ00310	565	510	450	542	545	600	655	26-M24	30-M24
YTXZ120T76-640	BXZ60001	550	510	450	542	545	600	640	26-M24	30-M24
FWWJ700-75-A	XZ00315	612	520	470	535	585	656	705	32-M24	32-M24
YTXZ718-87-A	XZ00291	570	510	450	535	576	626	670	30-M24	30-M24
FWWJ750-87-A	XZ00207	612	520	470	535	585	656	705	32-M24	32-M24
YTXZ1808705	XZ00267	612	520	470	520	585	656	705	32-M24	32-M24
FWWJ900-100-A	XZ00180	652	550	470	580	670	737	790	30-M27	30-M27
YTXZ220105390	XZ00306	600	550	470	520	670	737	790	30-M27	24-M30
YTSH950-100-C	XZ00287	652	515	450	535	610	680	735	24-M30	24-M30
YTSY950-100-A	XZ00239	652	515	450	535	610	680	735	24-M30	24-M30
YTTZ950-105-B	AJS00011	650	600	460	535	610	680	735	30-M30	24-M30
YTXZ220T3100	AJS00012	650	600	460	535	610	680	735	30-M30	24-M30
YTXZ220T3120	AJS00017	650	600	460	535	610	680	735	30-M30	24-M30
YTXZ220T3135	XZ00282	650	600	460	540	610	680	735	30-M30	24-M30
YTXZ220T3141	AJS00013	650	600	460	540	610	680	735	30-M30	24-M30
YTWJ1200T3141	XZ00322	650	600	460	743	820	886	940	30-M30	30-M27
YTXZ305T3160	AJS00018	685	630	530	660	610	685	740	28-M30	28-M30
YTXZ450T3085	BXZ60006	735	680	580	608	680	750	810	36-M30×2	36-M30×2



型号 Type	产品编码 Product code	L	L1	L2	L3	L4	L5	A+B(KN)		速比 Speed ratio	重量 kg Weight	应用挖机吨位 Application of excavator tonnage
YTXZ650-76-A	XZ00310	538	46	180	312	40	52	494 1170	494 1170	76	630	60-65T
YTXZ120T76-640	BXZ60001	538	46	180	312	40	52	494 1170	494 1170	76	600	
FWWJ700-75-A	XZ00315	543	46	150	347	30	48	600 1365	600 1365	75	780	
YTXZ718-87-A	XZ00291	551	46	170	335	28	35	600 1365	600 1365	87	750	
FWWJ750-87-A	XZ00207	543	46	150	347	30	48	600 1365	600 1365	87	780	70-80T
YTXZ1808705	XZ00267	549	46	150	353	30	48	600 1365	600 1365	87	780	
FWWJ900-100-A	XZ00180	625.5	36	183	406.5	30	48	612 1560	1127 2366	100	950	
YTXZ220105390	XZ00306	608	50	183	375	28	48	612 1560	1127 2366	105	960	
YTSH950-100-C	XZ00287	583	33	200	350	60	49	870 2266	870 2266	105	960	95-100T
YTSY950-100-A	XZ00239	583	33	200	350	60	49	870 2266	870 2266	105	950	
YTTZ950-105-B	AJS00011	622	87	185	350	60	55	870 2266	870 2266	105	980	
YTXZ220T3100	AJS00012	627	87	185	355	60	55	870 2266	870 2266	100	970	
YTXZ220T3120	AJS00017	627	87	185	355	60	55	870 2266	870 2266	120	970	
YTXZ220T3135	XZ00282	630	87	170	373	36	40	870 2266	870 2266	135	970	
YTXZ220T3141	AJS00013	630	87	170	373	36	40	870 2266	870 2266	141	970	120-135T
YTWJ1200T3141	XZ00322	647	87	170	390	40	35	612 1560	1127 2366		1450	
YTXZ305T3160	AJS00018	679.5	165	125	389.5	45	65	1220 2295	1220 2295	160	970	150-165T
YTXZ450T3085	BXZ60006	731	87	156	488	45	45	1040 2450	1040 2450	84.47	1400	200T



APMC 亚太传动

工程机械行走减速机

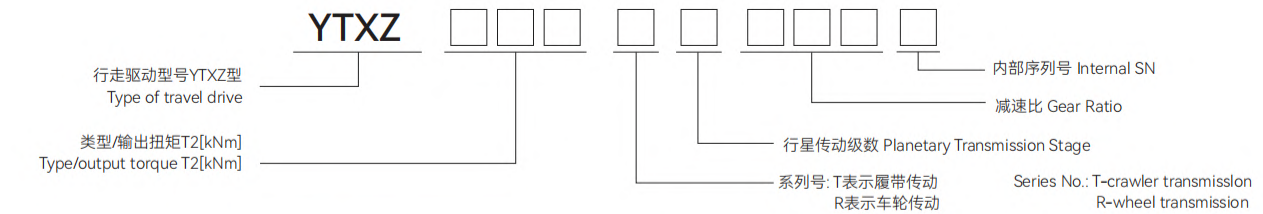
CONSTRUCTION MACHINERY

TRAVEL REDUCER

型号表示方法

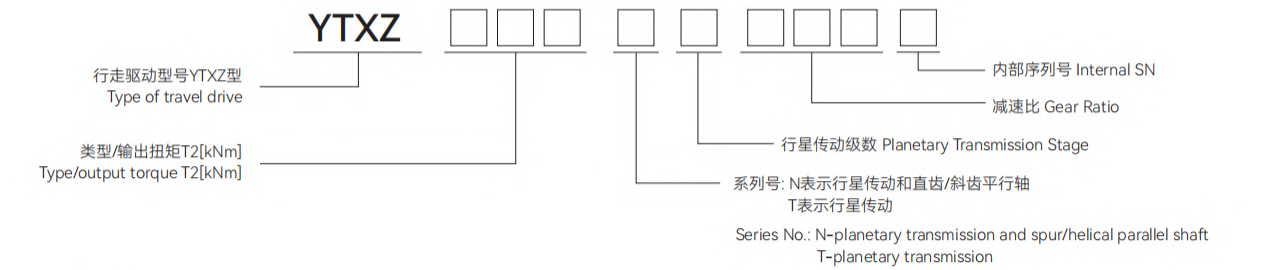
Model Denotation

- 输出扭矩130~600kNm
- Output torque130~600kNm



- 示例: YTXZ160T3-120-II SL (SL 表示输出端为加强型轴承)
- Example: YTXZ 160T3-120-II SL (SL: the output end shall be reinforced bearing)

- 输出扭矩 600~1300kNm
- Output torque 600~1300kNm



- 示例: YTXZ 600N3-640-I
- Example: YTXZ 600N3-640-I

技术参数

Technical Parameter

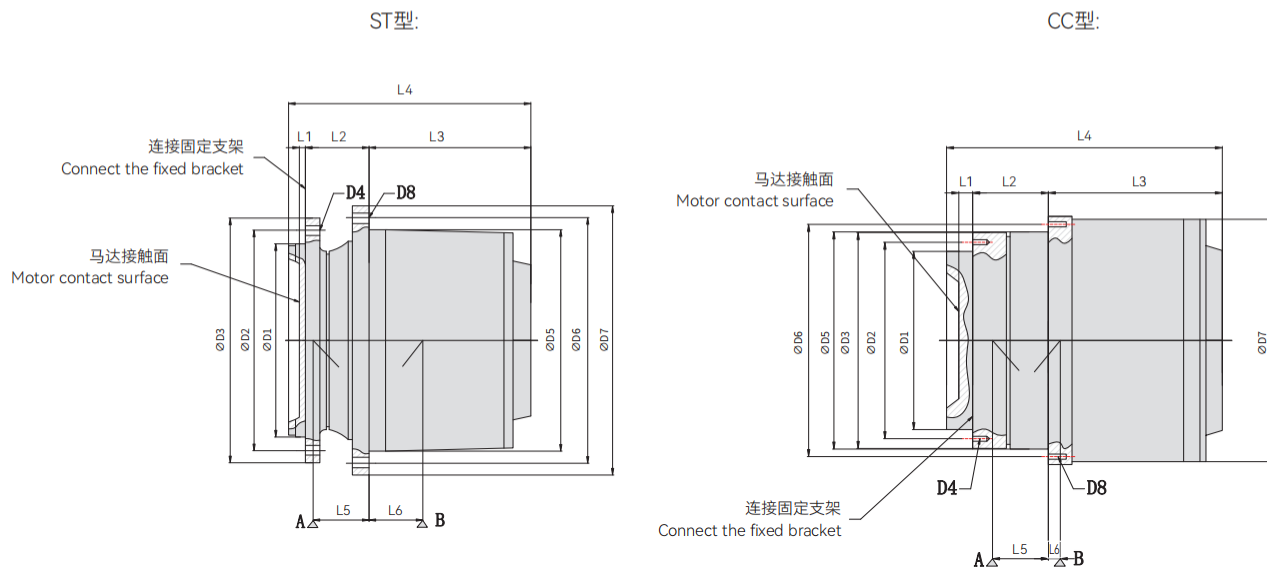
YTXZ型 (输出扭矩 Output Torque 130~600kNm)

型号 Type	输出扭矩(Nm) T2max Output Torque	速比 (i) Ratio	制动转矩(Nm) TBr max Braking Torque
YTXZ130T3	130,000	81-206	750
YTXZ 160 T3	160,000	210.8	1020
YTXZ 220 T3 I	220,000	67.7-97.7-188.9-246-293	1100
YTXZ 220 T3 II	220,000	67.7-97.7	-
YTXZ 220 T3 III	220,000	145.4	1400
YTXZ 220 T3 IV (见注1 Note 1)	220,000	345	1100
YTXZ 260 T3	260,000	188.9	1600
YTXZ 330 T3 I	330,000	168.9-209.9-252.0-302.4	2500
YTXZ 330 T3 II	330,000	302.4	2500
YTXZ 330 T4 I (见注2 Note 2)	330,000	826.6	-
YTXZ 330 T4 II	330,000	451.7	625
YTXZ 400 R3	460,000	95.61-347.1	1450
YTXZ 450 T4 I	450,000	421.7	1450
YTXZ 580 T4 I	600,000	610	1450

注: 1) 结构长度、尺寸及马达不同，详见附录A具体尺寸 2)输入端为直角输入传动级

Note: 1) Refer to Appendix A for specific dimensions and motor 2) input end shall be right-angle input drive stage

- 输出扭矩 130~600kNm
Output torque 130~600kNm



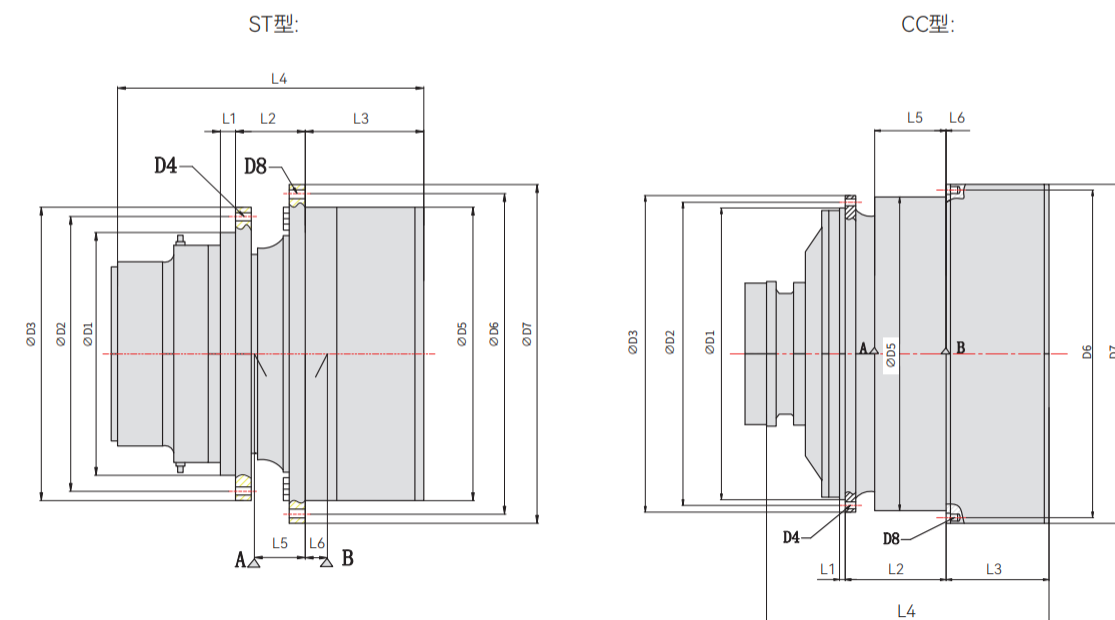
YTXZ型 (输出扭矩 Output Torque 130~600kNm)

型号 Type	D1	D2	D3	D4	D5	D6	D7	D8
YTXZ130 T3	390	500	550	32XM24	450	500	550	32XM24X2
YTXZ 160 T3 I	450	510	560	20XM30	535	600	650	30XM24X2
YTXZ 160 T3 II	450	510	560	30XM24X2	535	600	650	30XM24X2
YTXZ 220 T3 I	460	600	650	30XM30	610	680	835	24XM30
YTXZ 220 T3 II	460	520	580	24XM30	610	680	835	24XM30
YTXZ 220 T3 III	460	600	650	30XM30	610	680	835	24XM30
YTXZ 220 T3 IV	450	515	568	29XM36X3	580	620	680	42XM30X2
YTXZ 260 T3	560	630	685	28XM30	610	850	810	28XM30
YTXZ 330 T3 I	580	680	835	30XM30	660	830	885	30XM30
YTXZ 330 T3 II	580	680	835	30XM30	660	830	885	30XM30
YTXZ 330 T3 III	450	515	658	32XM30X2	580	620	680	44XM24X2
YTXZ 330 T4 I (注2 Note 2)	580	680	835	30XM30	660	830	885	30XM30
YTXZ 330 T4 II	580	680	835	30XM30	660	830	885	30XM30
YTXZ 400 R3	450	515	568	29XM36X3	580	620	680	42XM30X2
YTXZ 450 T4	450	515	568	29XM36X1.5	580	620	680	42XM30X1.5
YTXZ 580 T4	450	515	568	29XM36X1.5	580	620	880	42XM30X1.5

型号 Type	L1	L2	L3	L4	L5	L6	A+B(KN)		质量(kg) Mass	型式 (T/K) Model
							C	Co		
YTXZ130 T3	45	190	295	530	147	50.5	-	-	452	T
YTXZ 160 T3 I	30	168	340	538	138	26	688	1,520	680	T
YTXZ 160 T3 II	30	168	340	538	138	26	688	1,520	680	T
YTXZ 220 T3 I	45	180	350	565	155	35	810	1,560	680	T
YTXZ 220 T3 II	45	180	350	565	155	35	810	1,560	850	T
YTXZ 220 T3 III	45	180	350	565	155	35	810	1,560	850	T
YTXZ 220 T3 IV	-	255	305	-	190	18	810	1,560	880	K
YTXZ 260 T3	98	185	415	688	114	84	810	1,560	1,000	T
YTXZ 330 T3 I	150	125	400	685	190	25	1,040	2,450	1,250	T
YTXZ 330 T3 II	88	188	400	685	190	25	1,040	2,450	1,230	T
YTXZ 330 T3 III	45	253	442	840	188	38	1,040	2,450	1,210	K
YTXZ 330 T4 I(注2 Note 2)	-	188	430	1,185	190	25	1,040	2,450	1,410	-
YTXZ 330 T4 II	-	188	400	685	190	25	1,040	2,450	1,320	T
YTXZ 400 R3	13	255	522	820	185	34	1,040	2,450	1,260	K
YTXZ 450 T4	13	255	512	810	185	19	1,040	2,450	1,240	K
YTXZ 580 T4	13	255	533	831	188	28	1,040	2,450	1,440	K

注2: 输入端为直角输入传动级
Note2: Input end is right-angle input drive stage

- 输出扭矩 600~1,300kNm
Output torque 600~1,300kNm



YTXZ 型(输出扭矩 Output Torque600~1300kNm)

型号 Type	输出扭矩(Nm) T2max Output Torque	速比 (i) Ratio	制动转矩(Nm) TBr max Braking Torque	应用** Application
YTXZ 0600 N/1***	600,000	243.5	1X*3,115	ST
YTXZ 0600 N/2***	600,000	敬请垂询 If in doubt ask	2x*1,200	ST
YTXZ 0600 N	600,000	敬请垂询 If in doubt ask	2x*1,830	CC
NYTXZ 0800 N	792,000	284.8	与马达集成 (Integration with motor)	ST
NYTXZ 0800 N	984,000	386.7	2X*1,830	CC
NYTXZ 1100 N	1,117,000	401.5	2X*1,700	ST
NYTXZ 1300 N	1,300,000	458.5	2X*1,700	ST

型号 Type	D1	D2	D3	D4	D5	D6	D7	D8
YTXZ 0600 N/1	680	850	815	30XM39	885	985	1,055	24XM29
YTXZ 0600 N/2	830	810	880	41XM30X2	885	965	1,020	48XM30X2
YTXZ 0600 N	668	826	889	30XM36X1.5	880	850	900	45XM36X1.5
YTXZ 0800 N	830	980	1,050	48XM30X2	920	986	1,055	48XM30X2
YTXZ 0800 N	668	826	889	30XM36X1.5	880	850	900	45XM36X1.5
YTXZ 1100 N	1,110	1,230	1,310	48XM36	1,040	1,180	1,226	52XM30
YTXZ 1300 N	1,110	1,230	1,310	48XM36	1,040	1,180	1,226	52XM30

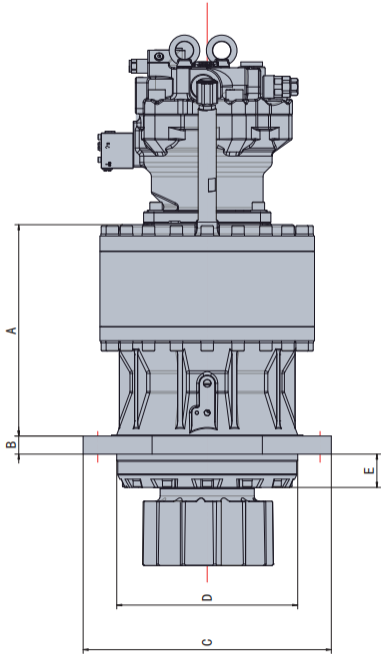
型号 Type	L1	L2	L3	L4	L5	L6	A+B(KN)		质量(kg) Mass
							C	Co	
YTXZ 0600 N/1	60	242.5	459.5	1,168	186	62	1,320	3,150	2,500
YTXZ 0600 N/2	58.5	245	464.5	1,161	186	62	1,320	3,150	2,600
YTXZ 0600 N	33	405	368	1,211.5	248	6	1,320	3,150	2,850
YTXZ 0800 N	25	229	683	1,332	69	186	2,450	5,200	3,800
YTXZ 0800 N	66	405	486	1,324	244	2	2,450	5,200	3,320
YTXZ 1100 N	60	503	585	1,524	318.5	48.5	3,900	8,650	8,050
YTXZ 1300 N	60	503	593	1,565.5	319	49	3,900	8,650	8,500

注:1)*~制动器数量 2)*~ST=标准型号, CC=适用于履带驱动: ***~马达数量
YTXZ系列减速机的输入和输出方式及外形尺寸应符合附录A(规范性附录)的规定
Note:1)*--Qty, of braking 2)**~ST=Standard type, CC=aplicable to caterpillar drive; *** -Qty, of motor
Input/output type and overall dimensions of YTxZ reducer shall comply with Appendix A(Normative Appendix)

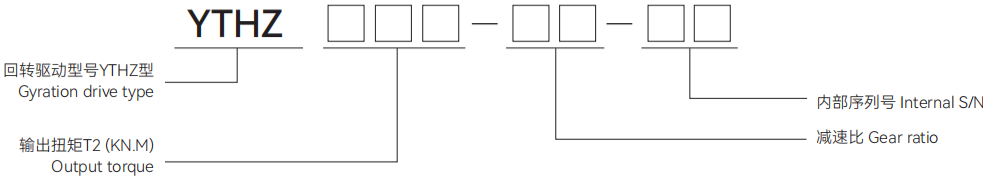
附录 A(规范性附录)
1.YTXZ系列行星减速机的输入、输出方式和主要外形及安装尺寸
2.图表A-1列出了YTXZ系列行星减速机的输入和输出方式 (输出扭矩130~600kNm)
3.图表A-2给出了YTXZ系列行星减速机的主要外形和安装尺寸 (输出扭矩600~1300kNm)

Appendix A(Normative Appendix)
1.Input / output type, major configuration and installation dimensions of YTXZ planetary reducer
2.Diagram A-1 illustrates input and output type of YTXZ planetary reducer (output torque130~600kNm)
3.Diagram A-2 illustrates major configuration and instalation dimensions of YTXZ planetary reducer(output torque 600 - 1300kNm)

工程机械回转减速机
CONSTRUCTION MACHINERY
GYRATION REDUCER



型号表示方法
Model Denotation



型号 Type	额定输出扭矩 (Nm) Output Torque	速比 (i) Ratio	马达排量 (cc/r) Motor displacement	输出齿参数 Output tooth parameter
YTHZ200	19740	22	250	M16,Z=13
YTHZ200	20010	19.6	250	M16,Z=13
YTHZ235	23500	21.78	250	M16,Z=13
YTHZ250	24500	21.78	250	M18,Z=12
YTHZ400	40000	25	250	M20,Z=11
YTHZ540	54000	49.28	-	-
YTHZ620	62000	62.2	-	-
YTHZ1150	115000	63.6	-	-

型号 Type	A	B	C	D	E
YTHZ200	422	35	480	350	61
YTHZ200	422	35	480	350	64.5
YTHZ235	412	35	570	380	65
YTHZ250	412	35	570	380	65
YTHZ400	417	80	540	440	72
YTHZ540	-	-	-	-	-
YTHZ620	-	-	-	-	-
YTHZ1150	-	-	-	-	-



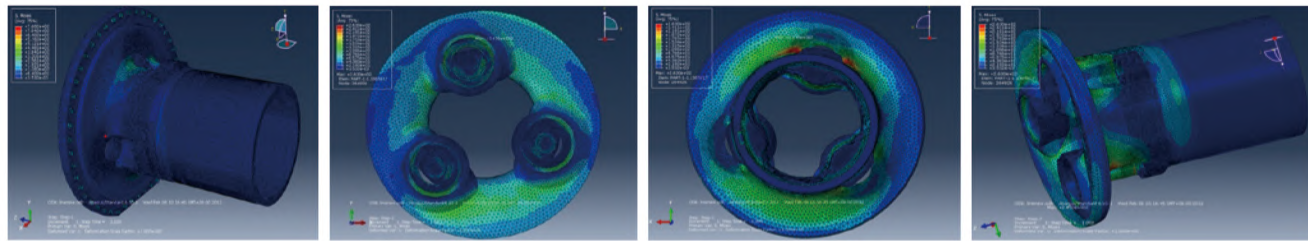
APMC 亚太传动

非公路矿车轮边减速机总成 WHEEL HUB REDUCER ASSEMBLY FOR OFF-HIGHWAY MINE TRUCK

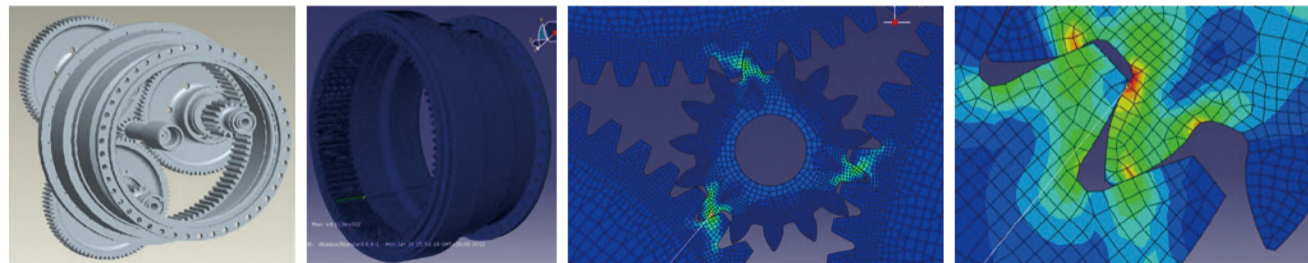
2010年，亚太传动进入矿用自卸车行业，批量生产配套轮边减速器、齿轮等零部件。目前，公司具备载重60吨-320吨矿车轮边减速器、齿轮的设计制造能力，已在矿用自卸车行业与多家主机厂及终端用户保持广泛合作。

In 2010, APMC entered into haul truck field, focusing on mass production of matched wheel hub reducer and parts, e.g. gear. At present, APMC is capable of designing and manufacturing reducer and gear for wheel hub of 60t-320t mine truck, and has built extensive cooperation with machine suppliers and end-users in haul truck industry.

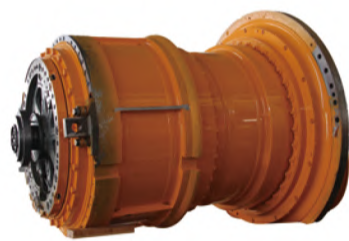
机架零件有限元分析 Finite Element Analysis of Housing Parts



齿轮件三维及有限元分析 3D and Finite Element Analysis of Gear



产品概况 Product



230吨电动轮总成 230t Electric Wheel Assembly

额定输入扭矩: 12900NM
速比: 31.875
适用车型: 230吨矿用自卸车
运行时间: 15000小时以上

Rated input torque: 12900NM
Ratio: 31.875
Application: 230t off-highway truck
Operation time: over 15000 hours



130/150吨轮边减速器 130t/150t Wheel Reducer

额定输入扭矩: 4268/5457N.M
最大输入扭矩: 12800/15300N.M
速比: 33.85/30.36
重量: 5000/5500KG
适用车型: 130/150吨矿用自卸车

Rated input torque: 4268/5457N M
Maximum input torque: 12800/15300N M
Speed ratio: 33.85/30.36
Weight: 5000/5500KG
Applicable model: 130/150 ton mining dump truck



扭力管 Torque Tube

材质: 34CrNiMo6
硬度: 50-55HRC
适用车型:
170吨、190吨、230吨矿用自卸车

Material: 34CrNiMo6
Hardness: 50-55HRC
Application:
off-highway truck of 170t, 190t, 230t



行星轮总成 Planetary Gear Assembly

材质: 18CrNiMo7-6
硬度: 58-62HRC
适用车型:
170吨、190吨、230吨矿用自卸车

Material: 18CrNiMo7-6
Hardness: 58-62HRC
Application:
off-highway truck of 170t, 190t, 230t