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并诚挚邀请您和我们共同展望未来

We look forward to having
creative exchanges opinion with you and sincerely invite you
to look forward to the future together with us

济南修健机械制造有限公司

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PROVIDE RELIABLE DRIVE ASSEMBLY
FOR OFF-HIGHWAY VEHICLES

为非公路用车提供
可靠驱动总成的供应商

济南修健机械制造有限公司
Jinan Xiujian Machinery Manufacturing Co., Ltd.

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企业简介

济南修健机械制造有限公司，始建于1998年，是一家专业从事公路车桥及非公路车桥零部件总成及变速箱零部件开发、生产及销售为一体的高新技术企业。公司经过26年的发展，现已拥有济南、泰安两大生产基地，总占地面积140余亩，总员工300余人。是中国重汽、徐州美驰车桥、美国德纳等主机厂的专业配套生产单位，且连续多年获优秀供应商及质量贡献奖等称号，公司先后通过了IS09001、ISO/TS16949-2009、IATF16949-2016质量管理体系认证。

产品系类

公司针对客户需求已开发20系列车桥、30系列车桥、40系列车桥、50系列车桥及铲运机系列车桥，该系列车桥涵盖井下物料车、运人车、喷浆车、铲运机、运矿卡车、炸药车等井下车辆及隧道装备、高空车等系列车型；

生产设备

公司拥有数十条差速器自动化生产线、盆角齿生产线、十字轴生产线、FMS壳体类生产线、精锻齿轮及同步器生产线。生产设备涉及奥林康C50数控锥齿轮切齿机、G60数控锥齿轮磨齿机、B27数控刀条磨刀机、T60螺伞齿轮数控滚检机、CS200刀盘安装机和检查机、L60数控研齿机、牧野加工中心及马扎克、威亚、津上数控车床、立卧式加工中心以及爱协林推盘压淬生产线、易普森多用炉、气体软氮化炉、调质炉、等温正火线、强力喷丸机等先进冷、热加工设备近百余台，公司拥有3D砂型打印机为车桥订制提供便利条件。

检测设备及试验设备

直读光谱仪、徕卡金相显微镜DM1750M、三丰维氏显微硬度计HM-220C、P65齿轮测量中心、格林森齿轮检测中心350GMS、三丰及海克斯康三坐标测量机及驱动桥总成疲劳及加载性能试验台、湿式制动桥电动惯量安全试验台、AUTOMAX同步器试验台、200吨脉动疲劳试验机、50000NM静扭试验台、万能拉伸试验机等先进的检测设备，有效增强了产品质量控制的可靠性。

公司始终坚持“知不足而修、采众长则健”的发展宗旨、以“持续改进、不断提高管理水平，确保顾客满意”为质量方针，紧跟市场发展趋势，不断开拓创新。

SINCE 1998



COMPANY INTRODUCTION

Jinan Xiujian Machinery Manufacturing Co., Ltd., established in 1998, is a high-tech enterprise specializing in the development, production, and sales of highway and off highway axle assemblies and transmission components. After more than 27 years of development, the company now has two major production bases in Jinan and Tai'an, covering a total area of over 28 acres and employing more than 300 workers. We are a professional OEM factories for China National Heavy Duty Truck Group, MERITOR Axles, and USA DANA. We had won titles such as Excellent Supplier and Quality Contribution Award for many consecutive years. Our company has passed the quality management system certifications of IS09001, ISO/TS16949-2009, and IATF16949-2016.

Product series

The company has developed 20 series axles, 30 series axles, 40 series axles, 50 series axles , and Load Haul Dumper series axles to meet customer needs. This series of axles covers underground vehicles such as material transfer trucks, personnel transport vehicles, spraying vehicles, load haul dumper, mining truck, explosive trucks, tunnel equipment, and high-altitude vehicles;

Production equipment

The company has dozens of automated differential production lines, bevel gear production lines, spider production lines, FMS housing production lines, precision forging gear and synchronizer production lines. The production equipment includes nearly a hundred advanced cold and hot processing equipment such as OERLIKON C50 CNC bevel gear cutting machine, G60 CNC bevel gear grinding machine, B27 CNC blade sharpening machine, T60 spiral bevel gear CNC rolling inspection machine, CS200 disc installation machine and inspection machine, L60 CNC gear grinding machine, MAKINO machining center and Mazak, WIA, TSUGAMI VA4 CNC lathes, vertical and horizontal machining centers, AICHELIN push plate quenching production line, IPSEN multi-purpose furnace, gas nitriding furnace, quenching and tempering furnace, Isothermal normalizing production line, and strong shot blasting machine. we have 3D sand mold printer to provide convenient conditions for customizing axles.

Testing equipment and inspection devices

NCS Labspark750 Direct reading spectrometer, Leica metallographic microscope DM1750M, Mitutoyo Vickers microhardness tester HM-220C, OERLIKON P65 gear measurement center, Gleason gear testing center 350GMS, Mitutoyo and Hexagon CMM and drive axle assembly fatigue and loading performance test bench, wet brake axle electric inertia safety test bench, AUTOMAX synchronizer test bench, 200 ton pulsating fatigue test machine, 50000NM static torsion test bench, universal tensile test machine and so on , effectively enhancing the reliability of product quality control.

The company always adheres to the development philosophy of "knowing our shortcomings and adopting the strengths of others to make our team stronger ", and takes "continuous improvement, constantly improving management level, and ensuring customer satisfaction" as the quality policy, keeping up with market development trends and constantly exploring and innovating.

Welcome to visit our factory and cooperate.

研发实力

R&D STRENGTH

我们的开发
验证系统经过了时间的考验

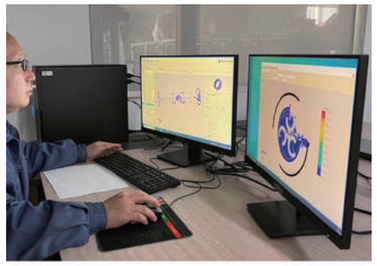
多年来我们一直在研究车辆作业时驱动系统负载的循环，因此我们精通车辆驱动系统的各项技术指标，以此实现为客户的量身定做。每一种驱动方案都要经受长时间艰苦的日常作业，我们的产品尤其驱动系统有很高的可靠性和耐用度。在自己的实验室里对单一组件和系统进行测试和优化，以此来确认我们的系统方案在功能和安全方面完全满足客户的要求。 --借助于三维软件整体设计--有限元分析/ROMAX 传动疲劳分析--桥总成台架试验(桥体的垂直疲劳、传动系统的加载疲劳试验、制动器性能试验)--完成开发验证跟踪并持续改进。

Our development validation system has stood the test of time.

For many years, we have been researching the load cycle of the drive system during vehicle operation, so we are proficient in various technical indicators of the vehicle drive system to achieve customized solutions for our clients. Every driving solution must withstand long and arduous daily operations, Our product, especially the drive system, has high reliability and durability. Test and optimize individual components and systems in our own laboratory to confirm that our system solution fully meets customer requirements in terms of functionality and safety-- With the help of 3D software overall design - finite element analysis/ROMAX transmission fatigue analysis - axle assembly bench test (vertical fatigue testing, loading fatigue test of the transmission system, brake performance testing) - complete development verification tracking and continuous improvement.



驱动桥综合性能试验台
Drive axle comprehensive performance test bench







设计软件
Design software

200吨脉动疲劳试验台
200 ton pulsating fatigue test bench



制动器性能试验台
Brake performance testing



商用车驱动桥总成静扭试验台
Commercial vehicle drive axle assembly static torsion test bench



NEW FORTUNE MACHINERY

生产规模

分布在不同区域的两座生产厂区，为传统和电力驱动系统生产各种组件。我们的优势在于以高性能的机械实现高效、高端生产。驱动系统传动链各个组件的开发和制造能力是我们的专业特长之一，同时我们也拥有合格及训练有素的员工。数个加工中心集群及FMS生产线与在线质控系统组成了完美和精益的产、控链条。为客户的交期和质量提供了保障。

PRODUCTION LINE

Two production plants located in different regions produce various components for traditional and electric drive systems. Our advantage lies in achieving efficient and high-end production with high-performance machinery. The development and manufacturing capabilities of various components in the drive system transmission chain are one of our professional strengths, and we also have qualified and well-trained employees. Several machining center clusters, FMS production lines, and online quality control systems form a perfect and lean production and control chain. Providing guarantees for customer delivery time and quality.





质量控制

QUALITY CONTROL

多台世界知名品牌的测量和检验设备:格林森齿轮检测中心350GMS、三丰维氏显微硬度计HM-220C、徕卡金相显微镜DM1750M、直读光谱仪、三丰及海克斯康三坐标测量机、P65齿轮测量中心。关键工序实现100%检测，这些设备不间断的运行，保障了各个组件满足设计和客户要求。

Many world-renowned brands of measuring and inspection equipment: Gleason Gear Inspection Center 350GMS, Mitutoyo Vickers microhardness tester HM-220C, Leica Metallographic Microscope DM1750M, Direct Reading Spectrometer, Mitutoyo and Hexagon CMM, P65 Gear Measurement Center. Key processes are 100% inspected, and these devices operate continuously to ensure that each component meets design and customer requirements.



材料光谱仪
Material spectrometer



三丰显微维氏硬度计HM-220C
Mitutoyo Vickers microhardness tester HM-220C



三坐标 CMM



格里森 Gleason





CS200



C50



徕卡金相显微镜
Leica metallographic microscope

智能装配线

INTELLIGENT ASSEMBLY LINE

智能半自动化装配线，通过人机配合可实现安装距自动测量、轴承压测及选垫功能，以达到齿轮的最佳配合侧隙;再通过扭矩测量机结合螺栓拧紧机以确保轴承及螺栓的预紧力，并将装配过程中详细数据记录在指定文件盘，以达到产品追溯的有效性，最终满足客户使用要求，总装采用AGV智能周转车。以上这些保证了系统最高的成本效益和质量要求。

Intelligent semi-automatic assembly line, through human-machine cooperation, can achieve automatic measurement of installation distance, bearing pressure measurement, and pad selection functions to achieve the best fit clearance of gears; Then, a torque measuring machine combined with a bolt tightening machine is used to ensure the pre tightening force of the bearings and bolts, and detailed data during the assembly process is recorded on a designated file tray to achieve effective product traceability and ultimately meet customer requirements. The final assembly adopts an AGV intelligent turnover vehicle. The above ensures the highest cost-effectiveness and quality requirements of the system.











OUR PARTNERS

CARLISLE BRAKE & FRICTION

FREUDENBERG INNOVATING TOGETHER

GOETZE

A+P A+PFEKT GmbH

FAG

TOHATSU SPRINGS

SAMSOL

Provide reliable drive assembly for off-highway vehicles



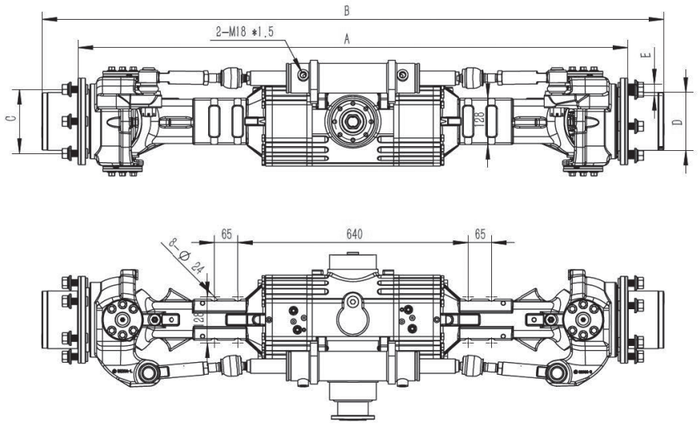


样本外联图及参数表

—

EXTERNAL DIMENSION
BROCHURE AND PARAMETER

20A 前桥



设计特点

① 采用双级减速结构，驱动力大通过性强;

②关键铸件采用高强度 QT600-10 铸铁;

③可选择限滑差速器;

④分段式结构设计，速比及外联接可选配，方便客户定制化产品;

⑤行、驻一体湿式制动防爆制动器;

⑥主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长;

⑦最大内转向角 35°（根据轴距可方便调整内外转向角），避免轮胎异常磨损;

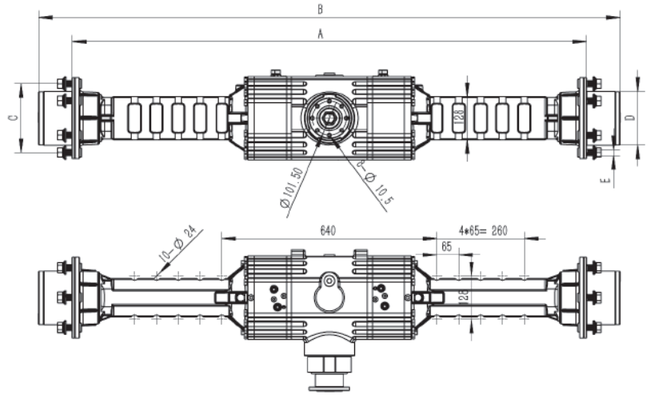
⑧车桥安装：刚性支架安装、中央摆动架安装。

Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;
②High strength QT600-10 cast iron for key castings spare parts;
③Optional limited slip differential;
④Segmented structural design, speed ratio and external connection dimension selection, Customizable production ;
⑤Integrated wet brake for driving and parking anti explosion brake;
⑥Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life;
⑦The maximum internal steering angle is 35 ° (which can be easily adjusted Internal and external steering angles according to the wheelbase) to avoid abnormal tire wear out;
⑧Axle installation: rigid bracket installation, central swing bracket installation.

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	9.038;9.681;11.935;13.645;14.115/ 12.804;13.716;16.908;19.332;19.998	A-轮辋距 Flange To Flange	1530/1660
主减速比 Bevel Set Rotio	2.134/2.286/2.818/3.222/3.333	B-桥总长 Overall Length	1730/1850
轮边速比 Planetary Ratio	4.235 / 6	C-轮毂螺栓分度圆直径 BCD MM	Φ205/Φ275
动态载荷 Dynamic	50000N	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ160/Φ220.8
静态载荷 Static Load	125000N	E-轮胎螺栓规格 Tire Bolt Specifications	M18x1.5/M20x1.5
最大输出扭矩 Max Output Torque	14000/20000Nm		

20A 后桥



设计特点

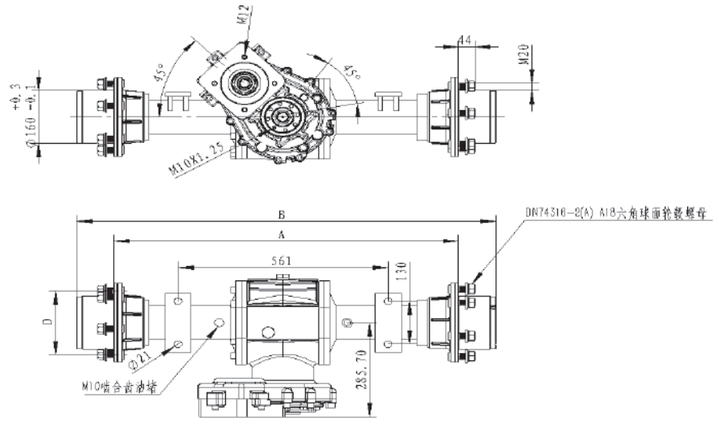
① 采用双级减速结构，驱动力大通过性强；
②关键铸件采用高强度QT600-10铸铁；
③可选择限滑差速器；
④分段式结构设计，速比及外联接尺寸选配，方便客户定制化产品；
⑤行、驻一体湿式制动防爆制动器；
⑥主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长。

Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;
②High strength QT600-10 cast iron for key castings spare parts;
③Optional limited slip differential;
④Segmented structural design,speed ratio and external connection dimension selection,Customizable production;
⑤Integrated wet brake for driving and parking anti explosion brake;
⑥Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life.

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	9.038;9.681;11.935;13.645;14.115/ 12.804;13.716;16.908;19.332;19.998	A-轮辋距 Flange To Flange	1530/1660
主减速比 Bevel Set Rotio	2.134/2.286/2.818/3.222/3.333	B-桥总长 Overall Length	1730/1850
轮边速比 Planetary Ratio	4.235 / 6	C-轮毂螺栓分度圆直径 BCD MM	Φ205/Φ275
动态载荷 Dynamic	70KN	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ160/Φ220.8
静态载荷 Static Load	175KN	E-轮胎螺栓规格 Tire Bolt Specifications	M18x1.5/M20x1.5
最大输出扭矩 Max Output Torque	14000/20000Nm		

25A 后桥



设计特点

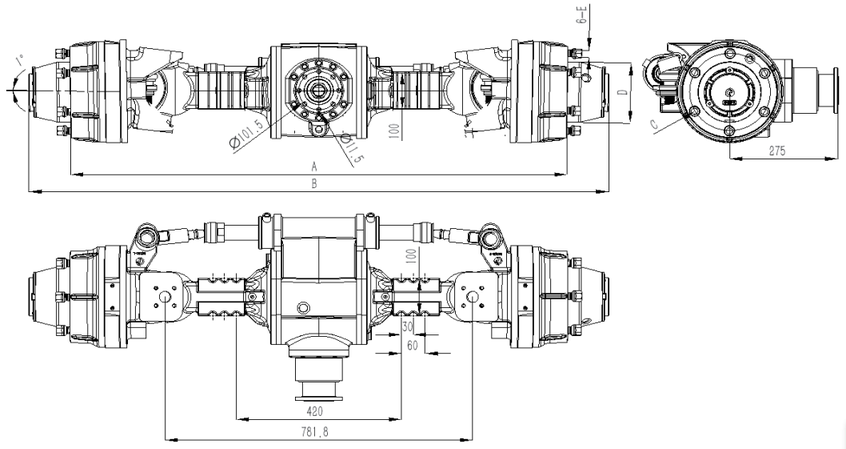
① 采用双级减速结构，驱动力大通过性强；
②关键铸件采用高强度QT600-10铸铁；
③可选择限滑差速器；
④分段式结构设计，速比及外联接尺寸选配，方便客户定制化产品；
⑤行、驻一体湿式制动防爆制动器；
⑥主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长；
⑦该桥型为桥箱一体，便于车辆空间布局，总速比选择空间大。

Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;
②High strength QT600-10 cast iron for key castings spare parts;
③Optional limited slip differential;
④Segmented structural design,speed ratio and external connection dimension selection,Customizable production;
⑤Integrated wet brake for driving and parking anti explosion brake;
⑥Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life;
⑦This axle is an integrated axle & transmission, which is convenient for install vehicle , and multiple different total speed ratios can be selected.

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	min17.98-max69	A-轮辋距 Flange To Flange	806/937/993/1108/1263
主减速比 Bevel Set Rotio	2.23/2.7/2.35/3.333	B-桥总长 Overall Length	1006/1137/1193/1308/1463
轮边速比 Planetary Ratio	4.235/4.8/6	C-轮毂螺栓分度圆直径 BCD MM	Φ205/275
动态载荷 Dynamic	3600Kg	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ160/220.8
静态载荷 Static Load	6600Kg	E-轮胎螺栓规格 Tire Bolt Specifications	M18x1.5/M20x1.5
最大输出扭矩 Max Output Torque	8500Nm	变速箱速比 Transmission Gear Ratio	1.872/3.5

25C 前驱动桥总成系列



设计特点

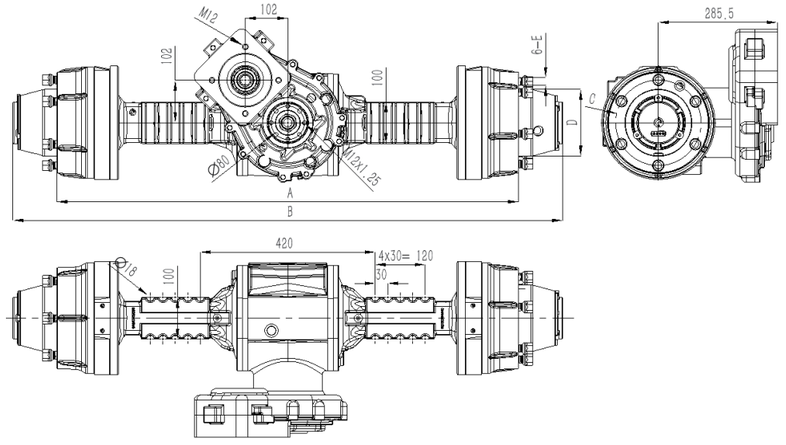
① 采用双级减速结构，驱动力大通过性强；
②关键铸件采用高强度QT600-10铸铁；
③可选择限滑差速器；
④分段式结构设计，速比及外联接尺寸选配，方便客户定制化产品；
⑤行、驻一体湿式制动防爆制动器；
⑥主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长。

Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;
②High strength QT600-10 cast iron for key castings spare parts;
③Optional limited slip differential;
④Segmented structural design,speed ratio and external connection dimension selection,Customizable production;
⑤Integrated wet brake for driving and parking anti explosion brake;
⑥Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life.

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	10.704/12.96/15.6	A-轮辋距 Flange To Flange	1108/1263/1478
主减速比 Bevel Set Rotio	2.23/2.7/3.25	B-桥总长 Overall Length	1320/1475/1690
轮边速比 Planetary Ratio	4.8	C-轮毂螺栓分度圆直径 BCD MM	Φ205
动态载荷 Dynamic	36KN	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ160
静态载荷 Static Load	66KN	E-轮胎螺栓规格 Tire Bolt Specifications	M18x1.5/M20x1.5
最大输出扭矩 Max Output Torque	8500Nm		

25C 后桥箱总成系列



设计特点

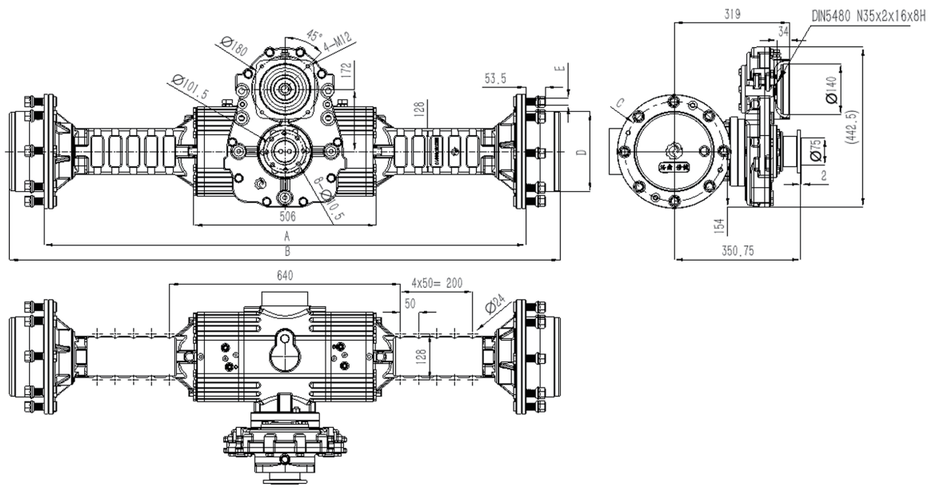
① 采用双级减速结构，驱动力大通过性强；
②关键铸件采用高强度QT600-10铸铁；
③可选择限滑差速器；
④分段式结构设计，速比及外联接尺寸选配，方便客户定制化产品；
⑤行、驻一体湿式制动防爆制动器；
⑥主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长；
⑦该桥型为桥箱一体，便于车辆空间布局，总速比选择空间大。

Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;
②High strength QT600-10 cast iron for key castings spare parts;
③Optional limited slip differential;
④Segmented structural design,speed ratio and external connection dimension selection,Customizable production;
⑤Integrated wet brake for driving and parking anti explosion brake;
⑥Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life;
⑦This axle is an integrated axle & transmission, which is convenient for install vehicle , and multiple different total speed ratios can be selected.

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	19.77/24.26/29.2 36.96/45.36/54.6	A-轮辋距 Flange To Flange	1108/1263/1478
主减速比 Bevel Set Rotio	2.23/2.7/3.25	B-桥总长 Overall Length	1320/1475/1690
轮边速比 Planetary Ratio	4.8	C-轮毂螺栓分度圆直径 BCD MM	Φ205
动态载荷 Dynamic	36KN	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ160
静态载荷 Static Load	66KN	E-轮胎螺栓规格 Tire Bolt Specifications	M18x1.5/M20x1.5
最大输出扭矩 Max Output Torque	8500Nm	变速箱速比 Transmission Gear Ratio	1.872/3.5

20 系列桥箱一体



设计特点

① 采用双级减速结构，驱动力大通过性强；

②关键铸件采用高强度QT600-10铸铁；

③可选择限滑差速器；

④分段式结构设计，速比及外联接尺寸选配，方便客户定制化产品；

⑤行、驻一体湿式制动防爆制动器；

⑥主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长；

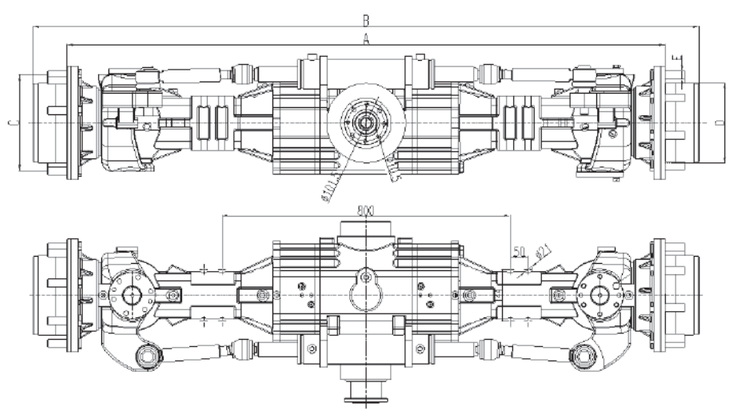
⑦该桥型为桥箱一体，便于车辆空间布局，总速比选择空间大。

Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;
②High strength QT600-10 cast iron for key castings spare parts;
③Optional limited slip differential;
④Segmented structural design,speed ratio and external connection dimension selection,Customizable production;
⑤Integrated wet brake for driving and parking anti explosion brake;
⑥Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life;
⑦This axle is an integrated axle & transmission, which is convenient for install vehicle , and multiple different total speed ratios can be selected;

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	9.038;9.681;11.935;13.645;14.115/ 12.804;13.716;16.908;19.332;19.998	A-轮辋距 Flange To Flange	1335/1530/1660
主减速比 Bevel Set Rotio	2.134/2.286/2.818/3.222/3.333	B-桥总长 Overall Length	1535/1730/1850
轮边速比 Planetary Ratio	4.235 / 6	C-轮毂螺栓分度圆直径 BCD MM	Φ205/Φ275
动态载荷 Dynamic	70KN	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ160/Φ220.8
静态载荷 Static Load	175KN	E-轮胎螺栓规格 Tire Bolt Specifications	M18x1.5/M20x1.5
最大输出扭矩 Max Output Torque	14000/20000Nm	变速箱速比 Transmission Gear Ratio	1.872/3.5/2.44

QQ30A 前桥



设计特点

① 采用双级减速结构，驱动力大通过性强；

②关键铸件采用高强度QT600-10铸铁；

③可选择限滑差速器；

④分段式结构设计，速比及外联接尺寸选配，方便客户定制化产品；

⑤行、驻一体湿式制动防爆制动器；

⑥主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长；

⑦最大内转向角35°（根据轴距可方便调整内外转向角），避免轮胎异常磨损；

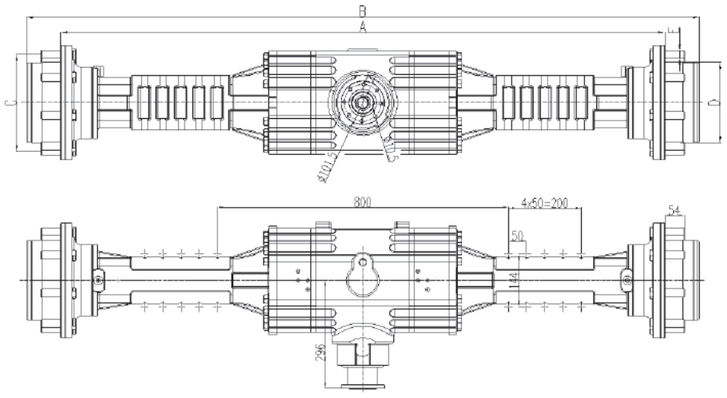
⑧车桥安装：刚性支架安装、中央摆动架安装。

Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;
②High strength QT600-10 cast iron for key castings spare parts;
③Optional limited slip differential;
④Segmented structural design,speed ratio and external connection dimension selection,Customizable production;
⑤Integrated wet brake for driving and parking anti explosion brake;
⑥Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life;
⑦The maximum internal steering angle is 35 ° (which can be easily adjusted Internal and external steering angles according to the wheelbase) to avoid abnormal tire wear out;
⑧Axle installation: rigid bracket installation, central swing bracket installation.

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	14.31/17.45/20.67	A-轮辋距 Flange To Flange	1530/1660
主减速比 Bevel Set Rotio	2.385 / 2.908 / 3.445	B-桥总长 Overall Length	1720/1850
轮边速比 Planetary Ratio	1:6	C-轮毂螺栓分度圆直径 BCD MM	Φ275/Φ335
动态载荷 Dynamic	80KN	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ222.3/Φ280.8
静态载荷 Static Load	200KN	E-轮胎螺栓规格 Tire Bolt Specifications	M22x1.5
最大输出扭矩 Max Output Torque	24000Nm		

HQ30A 后桥



设计特点

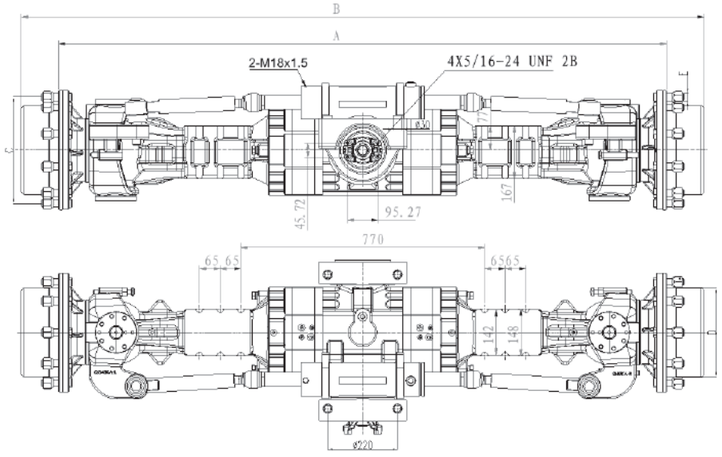
① 采用双级减速结构，驱动力大通过性强；
②关键铸件采用高强度QT600-10铸铁；
③可选择限滑差速器；
④分段式结构设计，速比及外联接尺寸选配，方便客户定制化产品；
⑤行、驻一体湿式制动防爆制动器；
⑥主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长。

Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;
②High strength QT600-10 cast iron for key castings spare parts;
③Optional limited slip differential;
④Segmented structural design,speed ratio and external connection dimension selection,Customizable production;
⑤Integrated wet brake for driving and parking anti explosion brake;
⑥Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life.

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	14.31/17.45/20.67	A-轮辋距 Flange To Flange	1530/1660
主减速比 Bevel Set Rotio	2.385 / 2.908 / 3.445	B-桥总长 Overall Length	1720/1850
轮边速比 Planetary Ratio	1:6	C-轮毂螺栓分度圆直径 BCD MM	Φ275/Φ335
动态载荷 Dynamic	80KN	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ222.3/Φ280.8
静态载荷 Static Load	200KN	E-轮胎螺栓规格 Tire Bolt Specifications	M22x1.5
最大输出扭矩 Max Output Torque	24000Nm		

QQ40A 前桥



设计特点

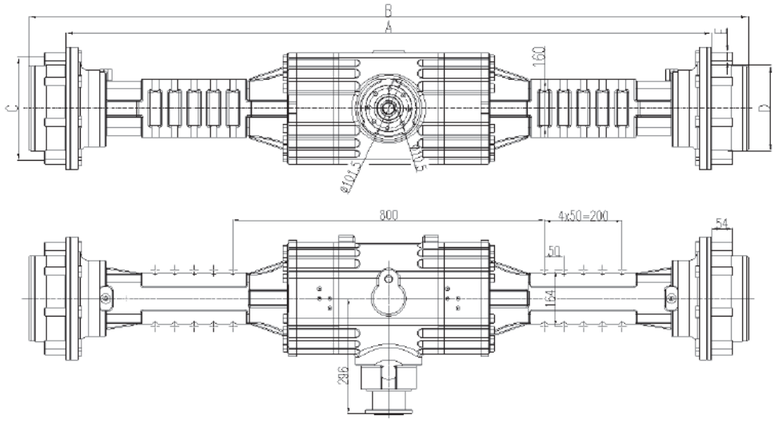
① 采用双级减速结构，驱动力大通过性强；
②关键铸件采用高强度QT600-10铸铁；
③可选择限滑差速器；
④分段式结构设计，速比及外联接尺寸选配，方便客户定制化产品；
⑤行、驻一体湿式制动防爆制动器；
⑥主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长；
⑦最大内转向角　35°（根据轴距可方便调整内外转向角），避免轮胎异常磨损；
⑧车桥安装：刚性支架安装、中央摆动架安装。

Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;
②High strength QT600-10 cast iron for key castings spare parts;
③Optional limited slip differential;
④Segmented structural design,speed ratio and external connection dimension selection,Customizable production;
⑤Integrated wet brake for driving and parking anti explosion brake;
⑥Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life;
⑦The maximum internal steering angle is 35 ° (which can be easily adjusted Internal and external steering angles according to the wheelbase) to avoid abnormal tire wear out;
⑧Axle installation: rigid bracket installation, central swing bracket installation.

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	14.31/17.45/20.67	A-轮辋距 Flange To Flange	1530/1660/1830/1920/1935
主减速比 Bevel Set Rotio	2.385 / 2.908 / 3.445	B-桥总长 Overall Length	1720/1850/2020/2156/2125
轮边速比 Planetary Ratio	1:6	C-轮毂螺栓分度圆直径 BCD MM	Φ275/Φ335
动态载荷 Dynamic	120KN	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ222.3/Φ280.8
静态载荷 Static Load	300KN	E-轮胎螺栓规格 Tire Bolt Specifications	M22x1.5
最大输出扭矩 Max Output Torque	34000Nm		

HQ40A 后桥



设计特点

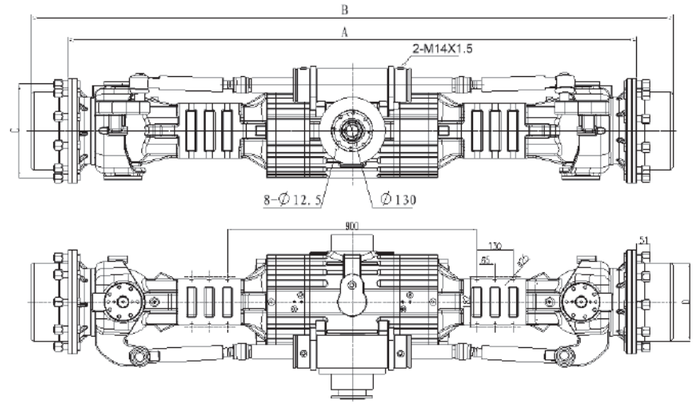
① 采用双级减速结构，驱动力大通过性强；
②关键铸件采用高强度QT600-10铸铁；
③可选择限滑差速器；
④分段式结构设计，速比及外联接尺寸选配，方便客户定制化产品；
⑤行、驻一体湿式制动防爆制动器；
⑥主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长。

Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;
②High strength QT600-10 cast iron for key castings spare parts;
③Optional limited slip differential;
④Segmented structural design,speed ratio and external connection dimension selection,Customizable production;
⑤Integrated wet brake for driving and parking anti explosion brake;
⑥Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life.

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	14.31/17.45/20.67	A-轮辋距 Flange To Flange	1530/1660
主减速比 Bevel Set Rotio	2.385 / 2.908 / 3.445	B-桥总长 Overall Length	1720/1850
轮边速比 Planetary Ratio	1:6	C-轮毂螺栓分度圆直径 BCD MM	Φ275/Φ335
动态载荷 Dynamic	120KN	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ222.3/Φ280.8
静态载荷 Static Load	300KN	E-轮胎螺栓规格 Tire Bolt Specifications	M22x1.5
最大输出扭矩 Max Output Torque	34000Nm		

QQ50A 前桥



设计特点

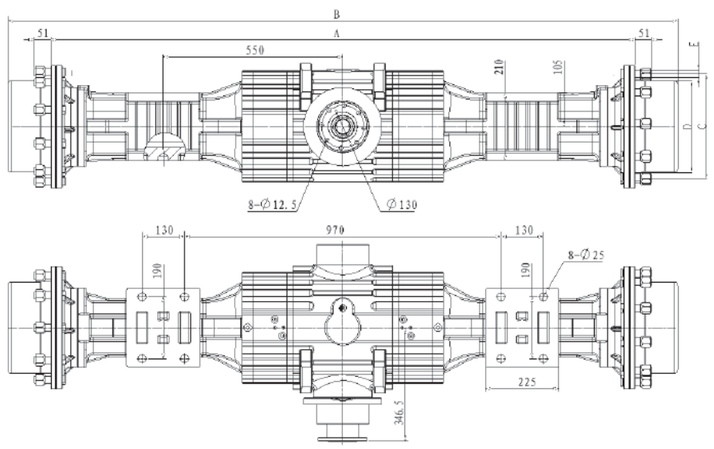
① 采用双级减速结构，驱动力大通过性强；
②关键铸件采用高强度QT600-10铸铁；
③可选择限滑差速器；
④分段式结构设计，速比及外联接尺寸选配，方便客户定制化产品；
⑤行、驻一体湿式制动防爆制动器；
⑥主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长；
⑦最大内转向角　35°（根据轴距可方便调整内外转向角），避免轮胎异常磨损；
⑧车桥安装：刚性支架安装、中央摆动架安装。

Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;
②High strength QT600-10 cast iron for key castings spare parts;
③Optional limited slip differential;
④Segmented structural design,speed ratio and external connection dimension selection,Customizable production;
⑤Integrated wet brake for driving and parking anti explosion brake;
⑥Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life;
⑦The maximum internal steering angle is 35 ° (which can be easily adjusted Internal and external steering angles according to the wheelbase) to avoid abnormal tire wear out;
⑧Axle installation: rigid bracket installation, central swing bracket installation.

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	17.45/20.67/22	A-轮辋距 Flange To Flange	1660/1790/2050/2310
主减速比 Bevel Set Rotio	2.908 / 3.445/3.667	B-桥总长 Overall Length	1924/2054/2314/2574
轮边速比 Planetary Ratio	1:6	C-轮毂螺栓分度圆直径 BCD MM	Φ335
动态载荷 Dynamic	150KN	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ280.8
静态载荷 Static Load	375KN	E-轮胎螺栓规格 Tire Bolt Specifications	M22x1.5
最大输出扭矩 Max Output Torque	60000Nm		

HQ50A 后桥



设计特点

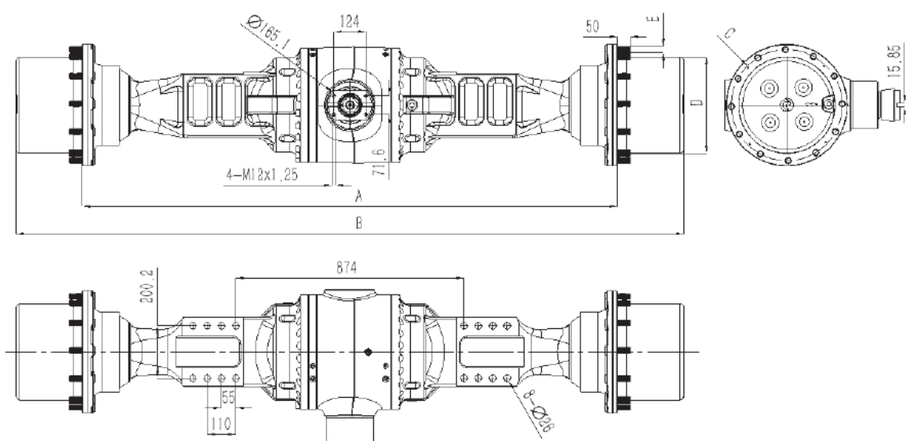
① 采用双级减速结构，驱动力大通过性强；
②关键铸件采用高强度 QT600-10 铸铁；
③可选择限滑差速器；
④分段式结构设计，速比及外联接可选配，方便客户定制化产品；
⑤行、驻一体湿式制动防爆制动器；
⑥主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长。

Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;
②High strength QT600-10 cast iron for key castings spare parts;
③Optional limited slip differential;
④Segmented structural design, speed ratio and external connection dimension selection, Customizable production;
⑤Integrated wet brake for driving and parking anti explosion brake;
⑥Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life.

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	17.45/20.67/22	A- 轮辋距 Flange To Flange	1660/1790/2310
主减速比 Bevel Set Rotio	2.908 / 3.445/3.667	B- 桥总长 Overall Length	1924/2054/2574
轮边速比 Planetary Ratio	1:6	C-轮毂螺栓分度圆直径 BCD MM	Φ335
动态载荷 Dynamic	150KN	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ280.8
静态载荷 Static Load	375KN	E- 轮胎螺栓规格 Tire Bolt Specifications	M22x1.5
最大输出扭矩 Max Output Torque	60000Nm		

HQ70A 后驱动桥总成



设计特点

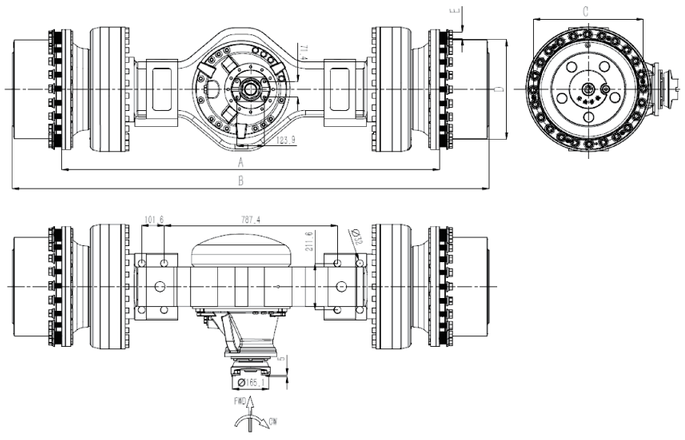
① 采用双级减速结构，驱动力大通过性强；
②关键铸件采用高强度QT600-10铸铁；
③可选择限滑差速器；
④分段式结构设计，速比及外联接尺寸选配，方便客户定制化产品；
⑤常开式防爆湿式制动制动器；
⑥主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长。

Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;
②High strength QT600-10 cast iron for key castings spare parts;
③Optional limited slip differential;
④Segmented structural design,speed ratio and external connection dimension selection,Customizable production;
⑤Normally open wet brake explosion-proof brake;
⑥Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life.

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	22	A-轮辋距 Flange To Flange	2050
主减速比 Bevel Set Rotio	3.667	B-桥总长 Overall Length	2560
轮边速比 Planetary Ratio	1:6	C-轮毂螺栓分度圆直径 BCD MM	Φ425
动态载荷 Dynamic	400KN	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ370
静态载荷 Static Load	800KN	E-轮胎螺栓规格 Tire Bolt Specifications	M22x1.5
最大输出扭矩 Max Output Torque	118KNm		

4 立方铲运驱动前桥



设计特点

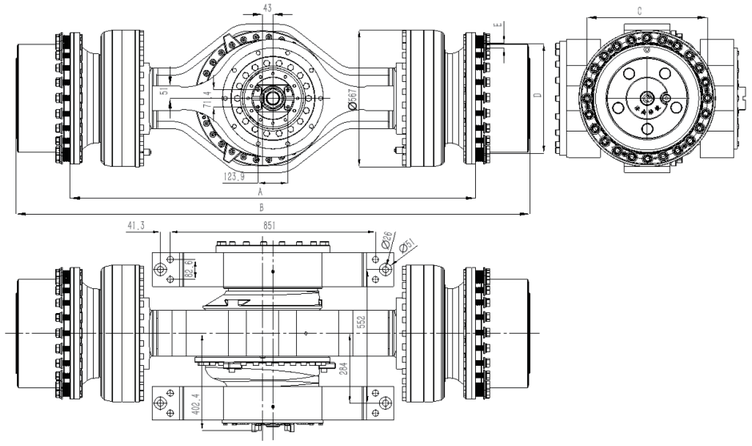
①采用三级减速结构，驱动力大通过性强；
②桥壳采用整体合金钢板焊接而成，确保桥壳的可靠性；
③可选择限滑差速器/牙签差速器；
④速比及外联接可选配，方便客户定制化产品；
⑤常闭式湿式制动防爆制动器；
⑥主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长。

Design Features

①The three-stage deceleration structure is adopted,with high driving force and better adaptation to rough road conditions;
②The axle housing is welded with integral alloy steel plates,ensuring the reliability of the axle housing;
③Optional limited slip differential/Jaw self-locking differential;
④Optional speed ratio and external coupling for easy clients customisation production;
⑤Normally closed wet anti explosion brake;
⑥Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life.

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	26.35	A-轮辋距 Flange To Flange	1715/1948
主减速比 Bevel Set Rotio	2.12	B-桥总长 Overall Length	2165/2398
轮边速比 Planetary Ratio	12.43	C-轮毂螺栓分度圆直径 BCD MM	500
动态载荷 Dynamic	290KN	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ454
静态载荷 Static Load	1200KN	E-轮胎螺栓规格 Tire Bolt Specifications	M22x1.5
最大输出扭矩 Max Output Torque	22000Nm		

4 立方铲运驱动后桥



设计特点

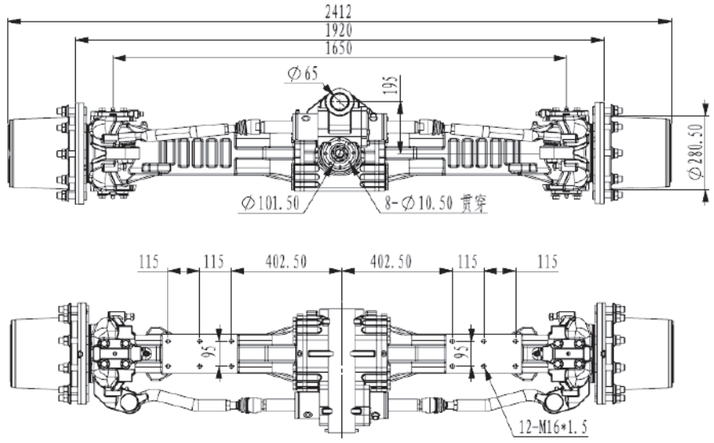
①采用三级减速结构，驱动力大通过性强；
②桥壳采用整体合金钢板焊接而成，确保桥壳的可靠性；
③可选择限滑差速器/牙签差速器；
④速比及外联接可选配，方便客户定制化产品；
⑤常闭式湿式制动防爆制动器；
⑥主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长。

Design Features

①The three-stage deceleration structure is adopted,with high driving force and better adaptation to rough road conditions;
②The axle housing is welded with integral alloy steel plates,ensuring the reliability of the axle housing;
③Optional limited slip differential/Jaw self-locking differential;
④Optional speed ratio and external coupling for easy clients customisation production;
⑤Normally closed wet anti explosion brake;
⑥Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life.

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	26.35	A-轮辋距 Flange To Flange	1682
主减速比 Bevel Set Rotio	2.12	B-桥总长 Overall Length	2132
轮边速比 Planetary Ratio	12.43	C-轮毂螺栓分度圆直径 BCD MM	500
动态载荷 Dynamic	150KN	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ458.82
静态载荷 Static Load	750KN	E-轮胎螺栓规格 Tire Bolt Specifications	M22x1.5
最大输出扭矩 Max Output Torque	22000Nm		

QQ40B 前桥



设计特点

①采用双级减速结构，驱动力大通过性强；

②桥壳采用整体合金铸钢材料，确保桥壳的可靠性；

③可选择限滑差速器；

④速比及外联接可选配，方便客户定制化产品；

⑤最大内转向角35°（根据轴距可方便调整内外转向角），避免轮胎异常磨损；

⑥常开式湿式制动防爆制动器（轮边）；

⑦主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长。

Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;

②The axle housing is welded with integral alloy steel plates,ensuring the reliability of the axle housing;

③Optional limited slip differential;

④Optional speed ratio and external coupling for easy clients customisation production;

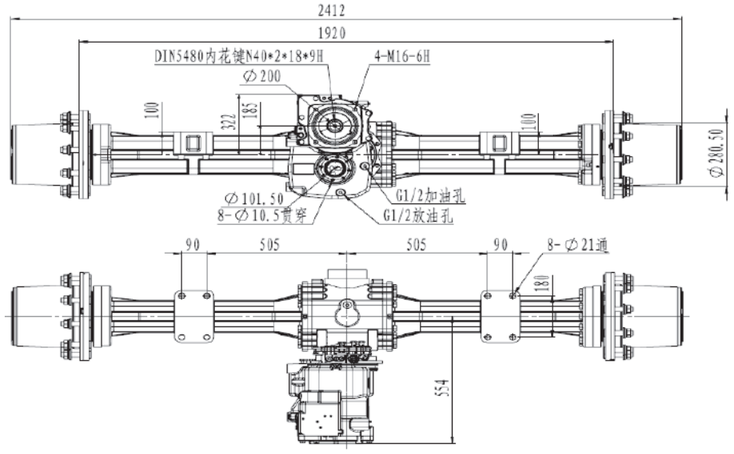
⑤The maximum internal steering angle is 35 ° (which can be easily adjusted Internal and external steering angles according to the wheelbase) to avoid abnormal tire wear out;

⑥Normally open wet brake explosion-proof brake (wheel reducer);

⑦Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life.

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	15.26	A-轮辋距 Flange To Flange	1920
主减速比 Bevel Set Rotio	13/31	B-桥总长 Overall Length	2412
轮边速比 Planetary Ratio	6.4	C-轮毂螺栓分度圆直径 BCD MM	Φ335
动态载荷 Dynamic	90KN	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ280.5
静态载荷 Static Load	180KN	E-轮胎螺栓规格 Tire Bolt Specifications	M22x1.5
最大输出扭矩 Max Output Torque	30000Nm		

HQ40B 后桥



设计特点

①采用双级减速结构，驱动力大通过性强；

②桥壳采用整体合金铸钢材料，确保桥壳的可靠性；

③可选择限滑差速器；

④速比及外联接可选配，方便客户定制化产品；

⑤外联 HL270 静压传动动力换挡变速箱（可实现高低 2 挡切换，低噪音，传动平稳）

⑥常开式湿式制动防爆制动器（轮边）；

⑦主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长。

Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;

②The axle housing is welded with integral alloy steel plates,ensuring the reliability of the axle housing;

③Optional limited slip differential;

④Optional speed ratio and external coupling for easy clients customisation production;

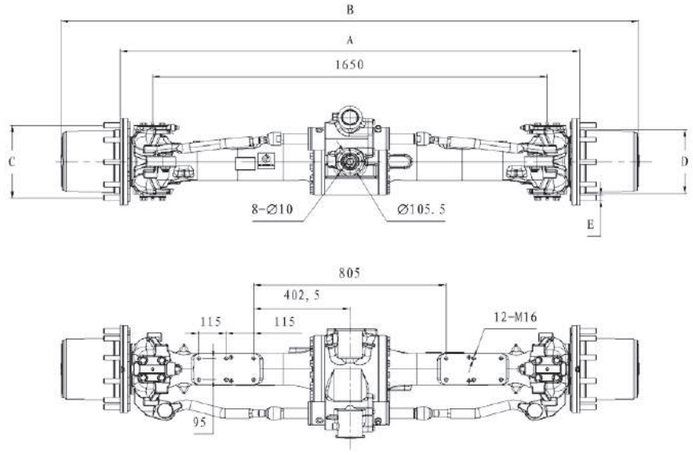
⑤ External HL270 static pressure transmission power shift transmission (high and low gear switching, low noise, smooth transmission);

⑥Normally open wet brake explosion-proof brake (wheel reducer);

⑦Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life.

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	15.26	A-轮辋距 Flange To Flange	1920
主减速比 Bevel Set Rotio	13/31	B-桥总长 Overall Length	2412
轮边速比 Planetary Ratio	6.4	C-轮毂螺栓分度圆直径 BCD MM	Φ335
变速箱高速挡速比 High Speed Ratio Of Gearbox	1.2	变速箱低速挡速比 Low Speed Ratio Of Gearbox	4.87
动态载荷 Dynamic	120KN	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ280.5
静态载荷 Static Load	240KN	E-轮胎螺栓规格 Tire Bolt Specifications	M22x1.5
最大输出扭矩 Max Output Torque	30000N.m		

QQ40B000000A 前桥总成



设计特点

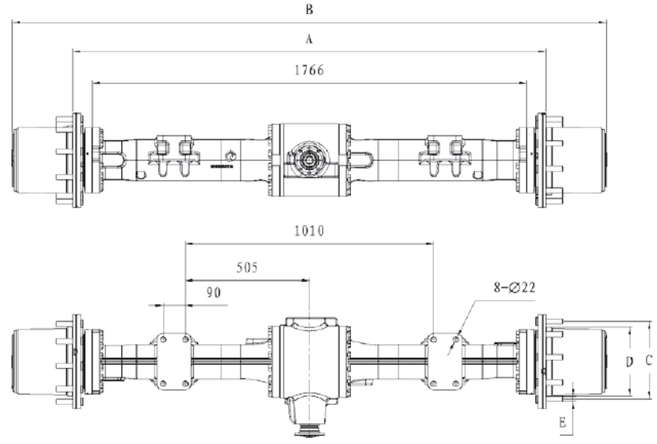
①采用双级减速结构，驱动力大通过性强；
②桥壳采用整体合金铸钢材料，确保桥壳的可靠性；
③可选择限滑差速器；
④速比及外联接可选配，方便客户定制化产品；
⑤最大内转向角35°（根据轴距可方便调整内外转向角），避免轮胎异常磨损；
⑥常开式湿式制动防爆制动器（轮边）；
⑦主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长。

Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;
②The axle housing is welded with integral alloy steel plates,ensuring the reliability of the axle housing;
③Optional limited slip differential;
④Optional speed ratio and external coupling for easy clients customisation production;
⑤The maximum internal steering angle is 35 ° (which can be easily adjusted Internal and external steering angles according to the wheelbase) to avoid abnormal tire wear out;
⑥Normally open wet brake explosion-proof brake (wheel reducer);
⑦Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life.

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	16	A-轮辋距 Flange To Flange	1920
主减速比 Bevel Set Rotio	14/35	B-桥总长 Overall Length	2454
轮边速比 Planetary Ratio	6.4	C-轮毂螺栓分度圆直径 BCD MM	Φ335
动态载荷 Dynamic	90KN	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ280.5
静态载荷 Static Load	180KN	E-轮胎螺栓规格 Tire Bolt Specifications	M22x1.5
最大输出扭矩 Max Output Torque	30000Nm		

HQ40B000000A 后桥总成



设计特点

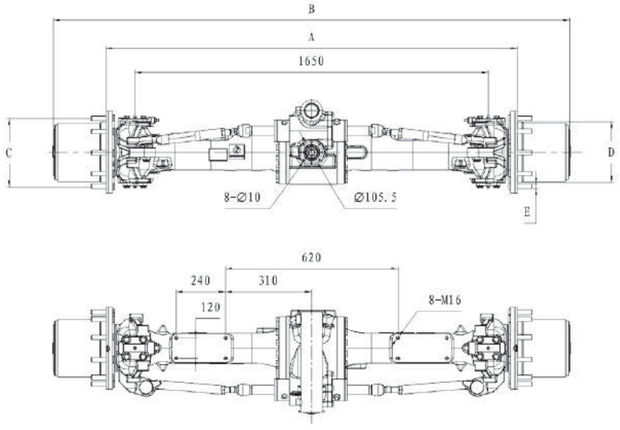
①采用双级减速结构，驱动力大通过性强；
②桥壳采用球墨合金铸铁材料，确保桥壳的可靠性；
③可选择限滑差速器；
④速比及外联接可选配，方便客户定制化产品；
⑤可外联 HL270 静压传动动力换挡变速箱（可实现高低 2 挡切换，低噪音，传动平稳）
⑥常开式湿式制动防爆制动器（轮边）；
⑦主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长。

Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;
②The axle housing is made of ductile iron alloy material to ensure its reliability;
③Optional limited slip differential;
④Optional speed ratio and external coupling for easy clients customisation production;
⑤External HL270 static pressure transmission power shift transmission (high and low gear switching, low noise, smooth transmission);
⑥Normally open wet brake explosion-proof brake (wheel reducer);
⑦Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life.

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	16	A-轮辋距 Flange To Flange	1920
主减速比 Bevel Set Rotio	14/35	B-桥总长 Overall Length	2412
轮边速比 Planetary Ratio	6.4	C-轮毂螺栓分度圆直径 BCD MM	Φ335
变速箱高速挡速比（可选装直联） High Speed Ratio Of Gearbox (Optional Direct Coupling)	1.2	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ280.5
变速箱低速挡速比 Low Speed Ratio Of Gearbox	4.87	E-轮胎螺栓规格 Tire Bolt Specifications	M22x1.5
动态载荷 Dynamic	120KN		
静态载荷 Static Load	240KN		
最大输出扭矩 Max Output Torque	30000N.m		

QQ210W000000A 前桥总成



设计特点

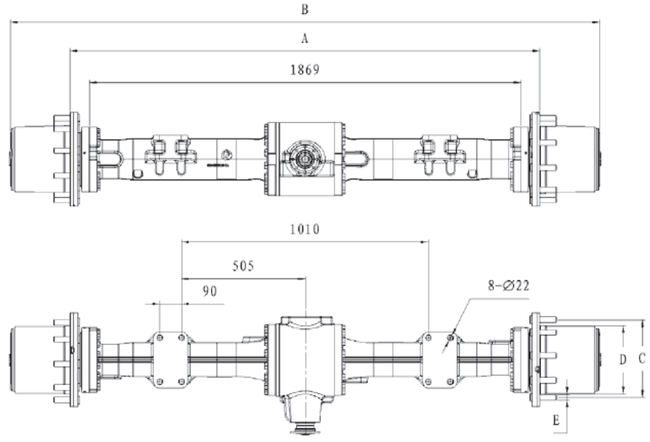
①采用双级减速结构，驱动力大通过性强；
②桥壳采用球墨合金铸铁材料，确保桥壳的可靠性；
③可选择限滑差速器；
④速比及外联接可选配，方便客户定制化产品；
⑤最大内转向角35°（根据轴距可方便调整内外转向角），避免轮胎异常磨损；
⑥常开式湿式制动防爆制动器（轮边）；
⑦主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长。

Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;
②The axle housing is made of ductile iron alloy material to ensure its reliability;
③Optional limited slip differential;
④Optional speed ratio and external coupling for easy clients customisation production;
⑤The maximum internal steering angle is 35 ° (which can be easily adjusted Internal and external steering angles according to the wheelbase) to avoid abnormal tire wear out;
⑥Normally open wet brake explosion-proof brake (wheel reducer);
⑦Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life.

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	16	A-轮辋距 Flange To Flange	1890
主减速比 Bevel Set Rotio	14/35	B-桥总长 Overall Length	2424
轮边速比 Planetary Ratio	6.4	C-轮毂螺栓分度圆直径 BCD MM	Φ335
动态载荷 Dynamic	120Kn	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ280.5
静态载荷 Static Load	240Kn	E-轮胎螺栓规格 Tire Bolt Specifications	M22x1.5
最大输出扭矩 Max Output Torque	35000Nm		

HQ210W000000A 后桥总成



设计特点

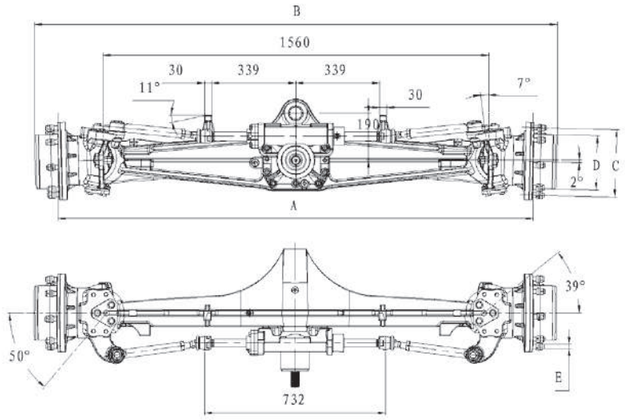
①采用双级减速结构，驱动力大通过性强；
②桥壳采用球墨合金铸铁材料，确保桥壳的可靠性；
③可选择限滑差速器；
④速比及外联接可选配，方便客户定制化产品；
⑤可外联 HL290 静压传动动力换挡变速箱（可实现高低 2 挡切换，低噪音，传动平稳）
⑥常开式湿式制动防爆制动器（轮边）；
⑦主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长。

Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;
②The axle housing is made of ductile iron alloy material to ensure its reliability;
③Optional limited slip differential;
④Optional speed ratio and external coupling for easy clients customisation production;
⑤External HL290 static pressure transmission power shift transmission (high and low gear switching, low noise, smooth transmission);
⑥Normally open wet brake explosion-proof brake (wheel reducer);
⑦Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life.

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	16	A-轮辋距 Flange To Flange	1890
主减速比 Bevel Set Rotio	14/35	B-桥总长 Overall Length	2424
轮边速比 Planetary Ratio	6.4	C-轮毂螺栓分度圆直径 BCD MM	Φ335
变速箱高速挡速比（可选装直联） High Speed Ratio Of Gearbox (Optional Direct Coupling)	1.2	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ280.5
变速箱低速挡速比 Low Speed Ratio Of Gearbox	4.87	E-轮胎螺栓规格 Tire Bolt Specifications	M22x1.5
动态载荷 Dynamic	140Kn		
静态载荷 Static Load	280Kn		
最大输出扭矩 Max Output Torque	35000Nm		

QQ35A000000H1 前桥总成



设计特点

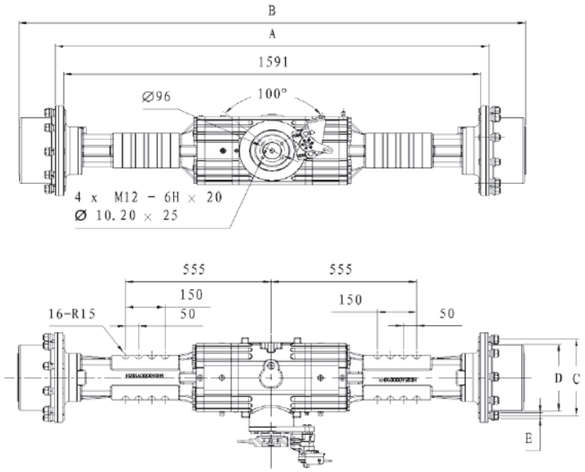
① 采用双级减速结构，驱动力大通过性强；
②桥壳采用球墨合金铸铁材料，确保桥壳的可靠性；
③采用中置式传动轴，摆动式中央摆轴；
④速比及外联接可选配，方便客户定制化产品；
⑤采用独立油路，全液压转向，转向角达 50°；
⑥中置转向油缸，转向轻便灵活
⑦主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长。

Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;
②The axle housing is made of ductile iron alloy material to ensure its reliability;
③The transmission shaft in the middle position and the central swing shaft;
④Segmented structural design, speed ratio and external connection dimension selection, Customizable production;
⑤Independent oil circuit, fully hydraulic steering, steering angle up to 50 °;
⑥The steering cylinder is in the middle, making the steering light and flexible;
⑦Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life.

技术参数 Technical Parameter		安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	15	A-轮辋距 Flange To Flange	1920
主减速比 Bevel Set Rotio	14/35	B-桥总长 Overall Length	2115
轮边速比 Planetary Ratio	6	C-轮毂螺栓分度圆直径 BCD MM	Φ275
动态载荷 Dynamic	90000N	D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ280.8
静态载荷 Static Load	225000N	E- 轮胎螺栓规格 Tire Bolt Specifications	M18x1.5
前轮外倾角	1°30′	前轮最大转角	50°
主销内倾角	7°	转向油缸直径	65
前轮前束	0-2	油缸行程	260
前轴摆角	11°		

HQ35A000000H1 后桥总成



设计特点

① 采用双级减速结构，驱动力大通过性强；
②桥壳采用球墨合金铸铁材料，确保桥壳的可靠性；
③配置常开式多盘湿式制动器，制动半轴，液压制动，制动性能好；
④速比及外联接可选配，方便客户定制化产品；
⑤主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长；
⑥内置差速锁，100%锁止，可提高车桥的脱困能力，适用于恶劣路况。

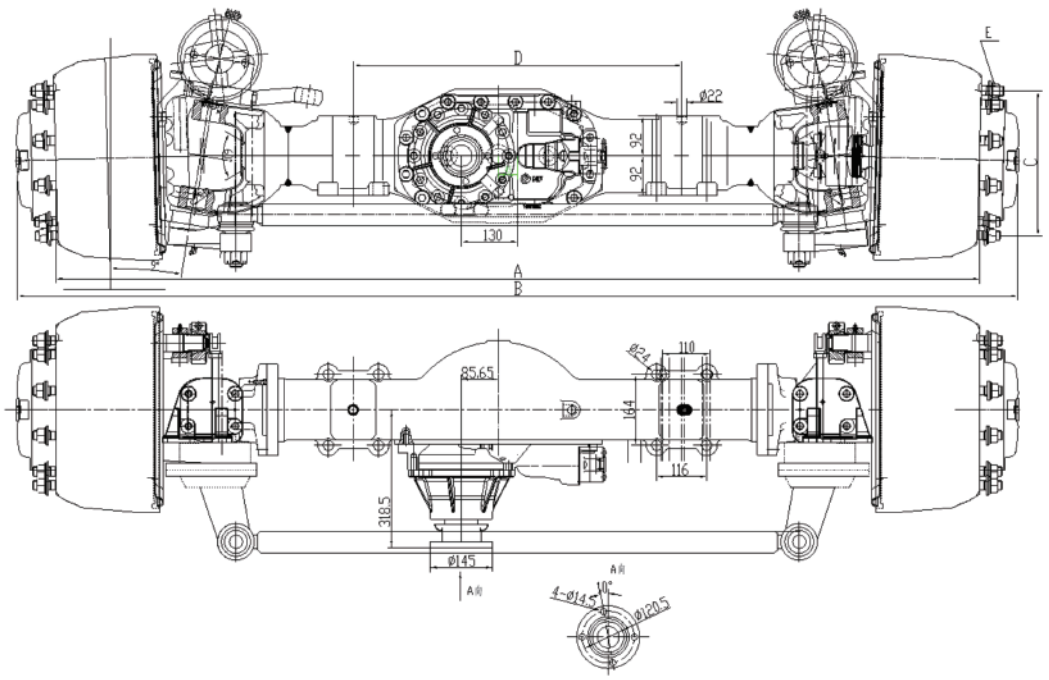
Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;
②The axle housing is made of ductile iron alloy material to ensure its reliability;
③Equipped with normally open disc wet brake, brake shaft, hydraulic brake, good braking performance;
④Speed ratio and external connections are optional, making it convenient for customers to customize products;
⑤Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life;
⑥Differential lock inside , 100% locked, can improve the ability of the axle to escape, suitable for harsh road conditions.

技术参数 Technical Parameter				安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	17.077			A-轮辋距 Flange To Flange	1654
主减速比 Bevel Set Rotio	15/37			B-桥总长 Overall Length	1932
轮边速比 Planetary Ratio	6.923			C-轮毂螺栓分度圆直径 BCD MM	Φ375
动态载荷 Dynamic	7600Kg			D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ280
静态载荷 Static Load	19000Kg			E- 轮胎螺栓规格 Tire Bolt Specifications	M22x1.5
行车制动力矩	48000N.m	制动排量	17CC(单侧)		
驻车制动拉杆拉力	220daN.m	车轮最大制动力	28518N.m		
驻车卡钳行程	55mm				

NEW FORTUNE MACHINERY

240 前驱动桥



设计特点

①采用双级减速结构，驱动力大通过性强；

②自动分离差速，100%锁止，可提高车桥的脱困能力，适用于恶劣路况；

③配置鼓式制动器；

④速比及外联接可选配，方便客户定制化产品；

⑤主、被动锥齿轮采用德国奥利康等高齿，承载力大、使用寿命长。

Design Features

①Dual stage deceleration structure with high driving force and better adaptation to rough road conditions;
②Automatic differential separation, 100% locking, can improve the ability of the axle to escape, suitable for harsh road conditions;
③Drum brake;
④Speed ratio and external connection size are optional;
⑤Spiral crown and pinion gears are produced by Germany Oerlikon machines with high load-carrying capacity and long service life.

技术参数 Technical Parameter				安装尺寸(mm) Installation Dimensions	
整桥速比 Total Ratio	5.92/6.73			A-轮辋距 Flange To Flange	2138/2222/2280
主减速比 Bevel Set Rotio	1.5/1.706			B-桥总长 Overall Length	2315/2399/2457
轮边速比 Planetary Ratio	3.947			C-轮毂螺栓分度圆直径 BCD MM	Φ335
动态载荷 Dynamic	6500kg			D-轮毂安装直径 Wheel Hub Mounting Diameter	Φ220.8
静态载荷 Static Load	16250Kg			E-轮胎螺栓规格 Tire Bolt Specifications	M22x1.5
输入扭矩	4700Nm	F-中心距	760/780/820/850/880		