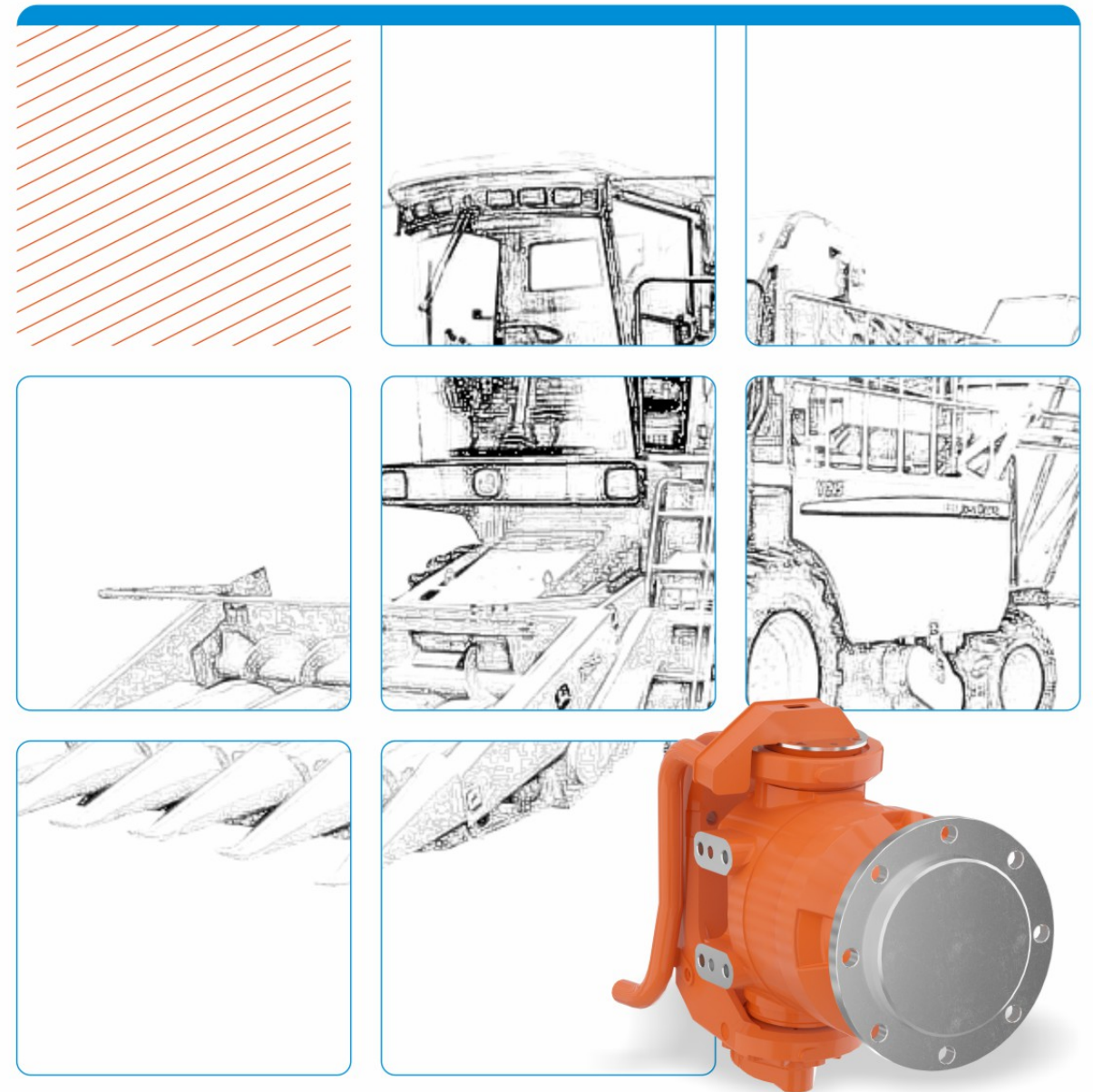


徐州办事处
长沙办事处 恒通液压

专注于径向柱塞大扭矩马达

新品马达系列

NEW PRODUCTS



宁波恒通诺达液压股份有限公司

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宁波恒通诺达液压股份有限公司
NINGBO HELM TOWER NODA HYDRAULIC CO., LTD.

企业简介

Company Profile

恒通液压成立于2004年，是一家专业研发、生产、销售低速大扭矩径向柱塞马达、铣挖机的国家高新技术企业。恒通液压坐落于浙江省宁波市镇海区，占地面积二十多亩，年产值8000多万元。

本着“专注、专业、创新”的精神，恒通液压长期致力于低速大扭矩径向柱塞液压马达的研发，公司拥有一支高素质的技术研发团队，他们由几十位液压行业的资深工程师组成。同时恒通液压也与燕山大学、宁波大学等高校建立了长期的战略合作关系。截至2022年，恒通液压已取得十多项发明专利、几十项实用新型专利，并先后通过了ISO9001质量管理体系、ISO140001环境管理体系等多项权威认证。在产品研发、技术支持和服务方面，具备强劲的技术实力和竞争优势。

作为液压行业的标杆企业，恒通液压积极参与国家及行业标准化工作，引导行业标准制定，已参与修/制定各项液压行业国家及企业标准八项。

恒通液压现拥有几十台进口数控车床，立、卧式加工中心、自动化生产线、自动化装配线，同时配备三坐标检测仪、智能影像仪、硬度检测机等各类检验设备，能够充分保证产品配件的加工精度。随着转子自动化生产线、前盖自动化生产线等智能设备的引进，恒通液压现已具备年产2万台马达的生产规模。2023年，公司新厂房已在紧锣密鼓地筹备中，预计2024年末正式投入生产。

未来，公司将继续沿着“企业规模化、人才战略化、产业多元化、产品多样化”的发展之路，不断创新，持续优化，立志成为中国领先的液压马达制造企业，成为高科技人才圆梦的家园。

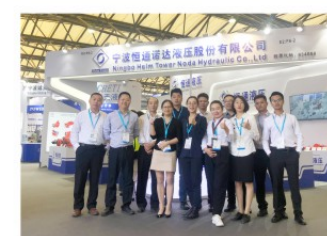
Ningbo Helm Tower Noda Hydraulic Co., Ltd. Was establish in 2004,which is a professional designer, manufacturer, exporter, national High-Tech enterprise for hydraulic piston motors, , drum cutter and parts.Our company is located in Zhenhai, Ningbo. Covering area 20 acres of land, ,annual output value more than \$12 million.

In the spirit of "focus, professionalism, and innovation", Helm Tower Hydraulic has long been committed to the research and development of low-speed and high torque radial piston hydraulic motors. The company has a high-quality technical research and development team, consisting of dozens of senior engineers in the hydraulic industry. Meanwhile Helm Tower Hydraulic has also established long-term strategic cooperative relationships with universities such as Yanshan University and Ningbo University. As of 2022, Helm Tower Hydraulic has obtained more than ten invention patents and dozens of utility model patents, and has successively passed multiple authoritative certifications such as ISO9001 quality management system and ISO140001 environmental management system. We have strong technical strength and competitive advantages in product research and development, technical support, and services.

As a benchmark enterprise in the hydraulic industry, Helm Tower Hydraulic actively participates in national and industry standardization work, guides the formulation of industry standards, and has participated in the revision/formulation of eight national and enterprise standards for the hydraulic industry.

Helm Tower Hydraulic currently has dozens of imported CNC lathes, vertical and horizontal machining centers, automated production lines, automated assembly lines, and various inspection equipment such as Three coordinate measuring machine, intelligent imaging machines, hardness testing machines, etc., which can fully ensure the processing accuracy of product accessories. With the introduction of intelligent equipment such as rotor automation production lines and front cover automation production lines, Helm Tower Hydraulic now has a production scale of 20000 motors per year. In 2023, the company's new factory building has been under intense preparation and is expected to be officially put into production by the end of 2024.

In the future, the company will continue to follow the development path of "enterprise scale, talent strategy, industrial diversification, and product diversification", continuously innovate and optimize, and aspire to become a leading hydraulic motor manufacturing enterprise in China and a home for high-tech talents to realize their dreams.



恒通的企业文化

企业使命：

聚焦客户需求，提供专业服务，为合作伙伴创造价值。

企业愿景：

持续创新，成为合作伙伴信赖的专业液压产品制造商与服务商。

恒通液压将聚焦液压行业，通过总体规划、分步实施、阶段见效、巩固提升，通过优化布局，整合供应链，提升企业品牌和竞争力，并全面进行标准化建设，事事有标准，人人有标准，运行有标准。

Helm Tower Company Culture

Corporate Mission:

Focus on customer needs, provide professional services, and create value for partners.

Corporate Vision:

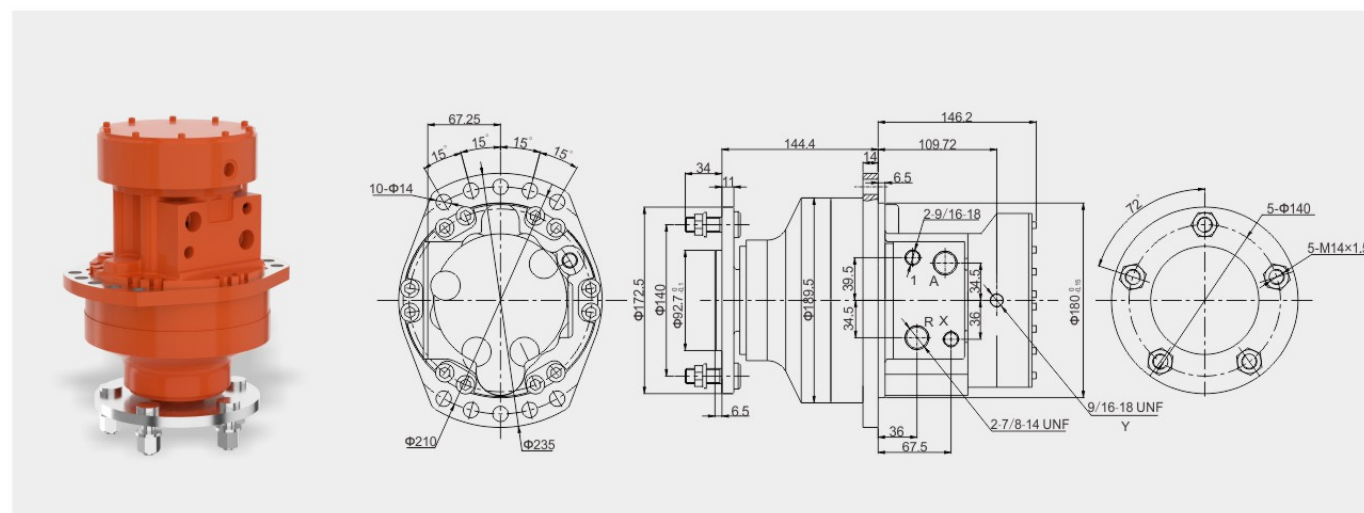
Continuously innovate, become a trusted professional hydraulic product manufacturer and service provider for partners.

Helm Tower will focus on the hydraulic industry, consolidate and improve through overall planning, step-by-step implementation, and phased effectiveness. By optimizing layout, integrating supply chain, enhance corporate brand and competitiveness, and comprehensively carry out standardization construction, with standards for everything and everyone.



HMSE03 液压马达

HMSE03 hydraulic motor



HMSE03 技术参数

HMSE03 Technical specifications

型号 Code	HMSE03
排量 Displacement(ml/r)	450-500
压差10MPa时理论扭矩 Theoretical torque at 10MPa (N.M)	716-795
额定转速 Rated speed(r/min)	117-105
转速范围 Speed range(r/min)	0-155
额定压力 Rated pressure(MPa)	25
额定扭矩 Rated torque(N.M)	1788-1987
最大压力 Max.pressure(MPa)	40
最大扭矩 Max.torque(N.M)	2862-3180
最大功率 Max.power(KW)	22
液压油 Hydraulic Oil	46#耐磨液压油
油液温度 Oil temperature	-20° ~70°
油液清洁度 Oil Cleanliness	GB/T 14039规定的等级1/19/16

HMSE03液压马达功能特点

HMSE03 hydraulic motor features

- 同等体积下实现大扭矩
- 节省安装空间，节省成本
- Achieving high torque at the same volume
- Save installation space and costs



HMSE03马达应用

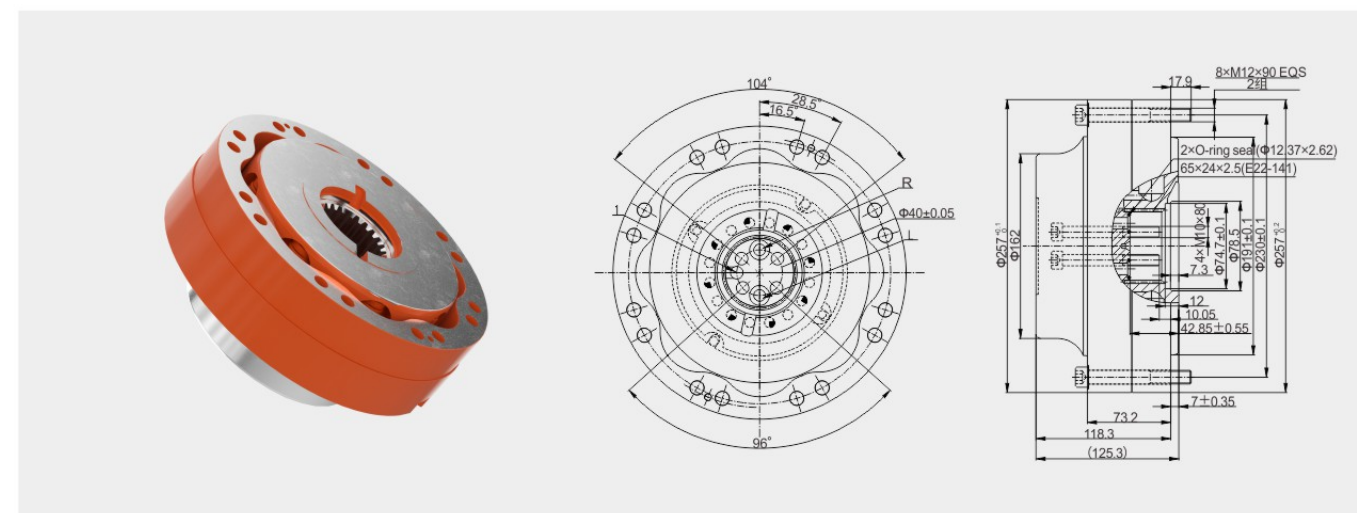
HMSE03 hydraulic motor application

各类中小型农机行走驱动和滑移装载机行走驱动。

Various small and medium-sized agricultural machinery drives
Skid steer loaders drive.

HMFE08 液压马达

HMFE08 hydraulic motor



HMFE08 技术参数

HMFE08 Technical specifications

型号 Code	HMFE08
排量 Displacement(ml/r)	627-1248
压差10MPa时理论扭矩 Theoretical torque at 10MPa (N.M)	997-1984
额定转速 Rated speed(r/min)	150-75
转速范围 Speed range(r/min)	0-150
额定压力 Rated pressure(MPa)	25
额定扭矩 Rated torque(N.M)	2492-4960
最大压力 Max.pressure(MPa)	40
最大扭矩 Max.torque(N.M)	3988-7937
最大功率 Max.power(KW)	41
液压油 Hydraulic Oil	46#耐磨液压油
油液温度 Oil temperature	-20° ~70°
油液清洁度 Oil Cleanliness	GB/T 14039规定的等级1/19/16

HMFE08液压马达功能特点

HMFE08 hydraulic motor features

- 轮边集成式直驱马达
- 易于安装，集中应用在卡车行走驱动中
- Wheel integrated direct drive motor
- Easy to install and centrally applied in truck travel drives



HMFE08马达应用

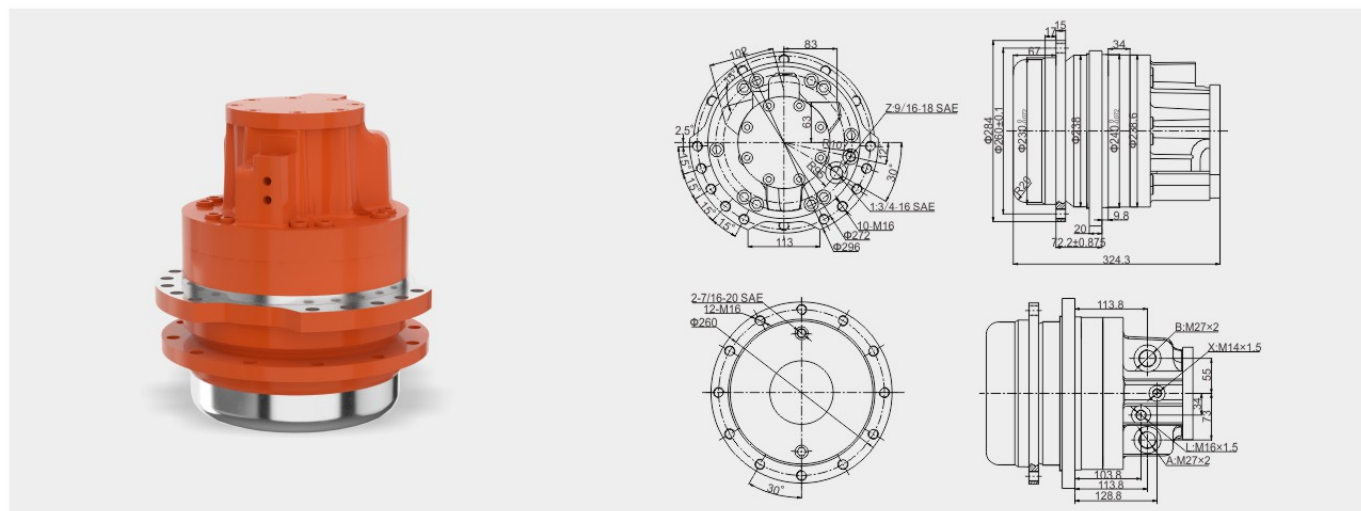
HMFE08 hydraulic motor application

应用于卡车行走驱动系统和SMPT车行走驱动系统。

Applied to truck travel drive system and SMPT vehicle travel drive system.

HMCR6T 液压马达

HMCR6T hydraulic motor



HMCR6T 技术参数

HMCR6T Technical specifications

型号 Code	HMCR6T
排量 Displacement(ml/r)	820-920
压差10MPa时理论扭矩 Theoretical torque at 10MPa (N.M)	2940-3290
额定转速 Rated speed(r/min)	102-91
转速范围 Speed range(r/min)	0-220
额定压力 Rated pressure(MPa)	25
额定扭矩 Rated torque(N.M)	3259-3657
最大压力 Max.pressure(MPa)	40
最大扭矩 Max.torque(N.M)	5215-5851
最大功率 Max.power(KW)	35
液压油 Hydraulic Oil	46#耐磨液压油
油液温度 Oil temperature	-20° ~70°
油液清洁度 Oil Cleanliness	GB/T 14039规定的等级1/19/16

HMCR6T液压马达功能特点

HMCR6T hydraulic motor features

- 高转速
- 内曲线多作用径向柱塞式
- 结构紧凑，可直接与履带部对接
- High rotation speed
- Inner curve multi acting radial piston type
- Compact structure, can directly connect with the track



HMCR6T系列马达应用

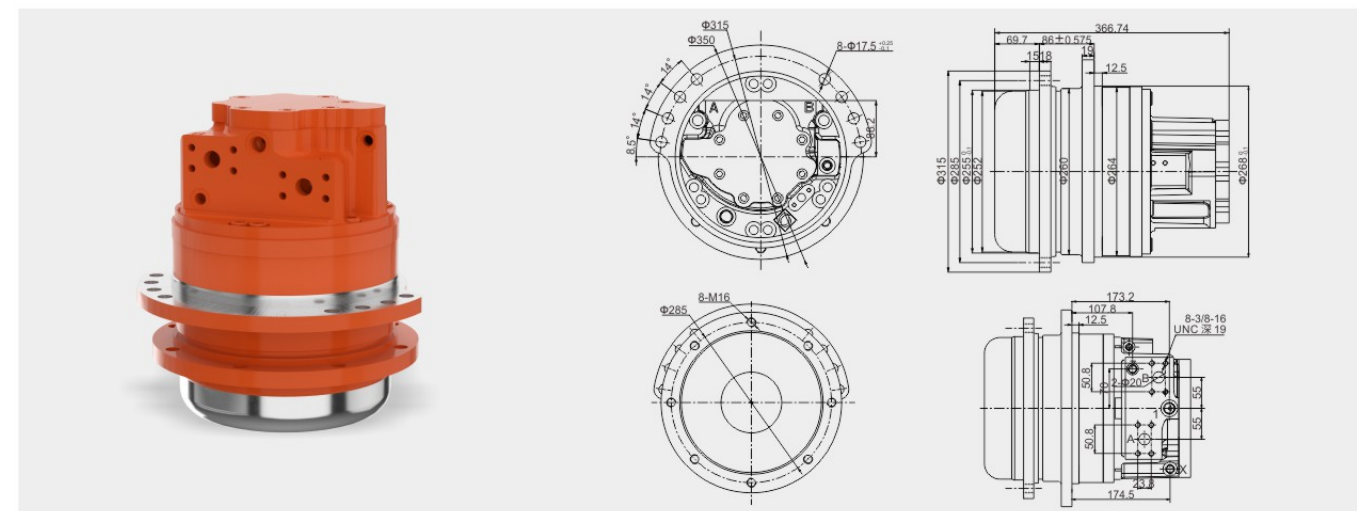
HMCR6T series hydraulic motor application

产品主要应用于履带式滑移装载机履带驱动。

The product is mainly applied to the drive chain structure of crawler skid steer loaders.

HMCR10T 液压马达

HMCR10T hydraulic motor



HMCR10T 技术参数

HMCR10T Technical specifications

型号 Code	HMCR10T
排量 Displacement(ml/r)	780-940
压差10MPa时理论扭矩 Theoretical torque at 10MPa (N.M)	1240-1494
额定转速 Rated speed(r/min)	125-100
转速范围 Speed range(r/min)	0-215
额定压力 Rated pressure(MPa)	25
额定扭矩 Rated torque(N.M)	3100-3735
最大压力 Max.pressure(MPa)	40
最大扭矩 Max.torque(N.M)	4961-8522
最大功率 Max.power(KW)	44
液压油 Hydraulic Oil	46#耐磨液压油
油液温度 Oil temperature	-20° ~70°
油液清洁度 Oil Cleanliness	GB/T 14039规定的等级1/19/16

HMCR10T液压马达功能特点

HMCR10T hydraulic motor features

- 高转速
- 内曲线多作用径向柱塞式
- 结构紧凑，可直接与履带部对接
- High rotation speed
- Inner curve multi acting radial piston type
- Compact structure, can directly connect with the track



HMCR10T系列马达应用

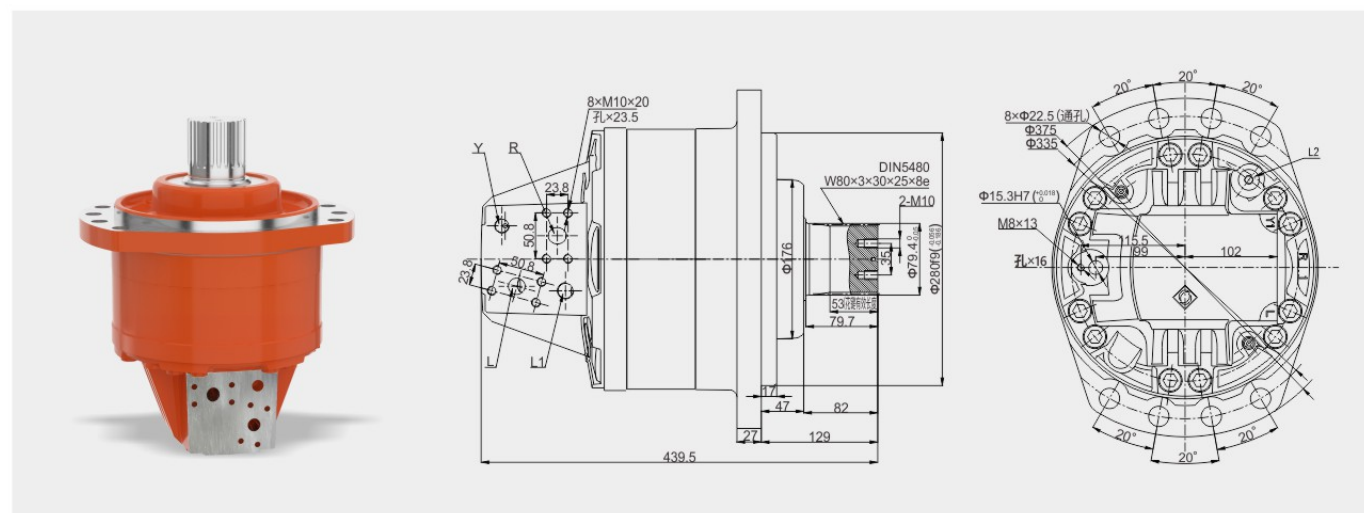
HMCR10T series hydraulic motor application

产品主要应用于履带式滑移装载机履带驱动。

The product is mainly applied to the drive chain structure of crawler skid steer loaders.

HP13 液压马达

HP13 hydraulic motor



HP13 技术参数

HP13 Technical specifications

型号 Code	HP13
排量 Displacement(ml/r)	900-1542
压差10MPa时理论扭矩 Theoretical torque at 10MPa (N.M)	1431-2452
额定转速 Rated speed(r/min)	395-218
转速范围 Speed range(r/min)	0-520
额定压力 Rated pressure(MPa)	25
额定扭矩 Rated torque(N.M)	3578-6219
最大压力 Max.pressure(MPa)	40
最大扭矩 Max.torque(N.M)	5724-9807
最大功率 Max.power(KW)	151
液压油 Hydraulic Oil	46#耐磨液压油
油液温度 Oil temperature	-20° ~70°
油液清洁度 Oil Cleanliness	GB/T 14039规定的等级1/19/16

HP13 液压马达功能特点

HP13 hydraulic motor features

- 高转速，高效率，功率密度高
- 耐高压
- 模块化设计，能够应用于恶劣的工况
- 结构简单，体积小，易安装
- High speed, high efficiency, high power density
- High pressure resistance
- Modular design that can be applied to harsh working conditions
- Simple structure, small size, and easy installation



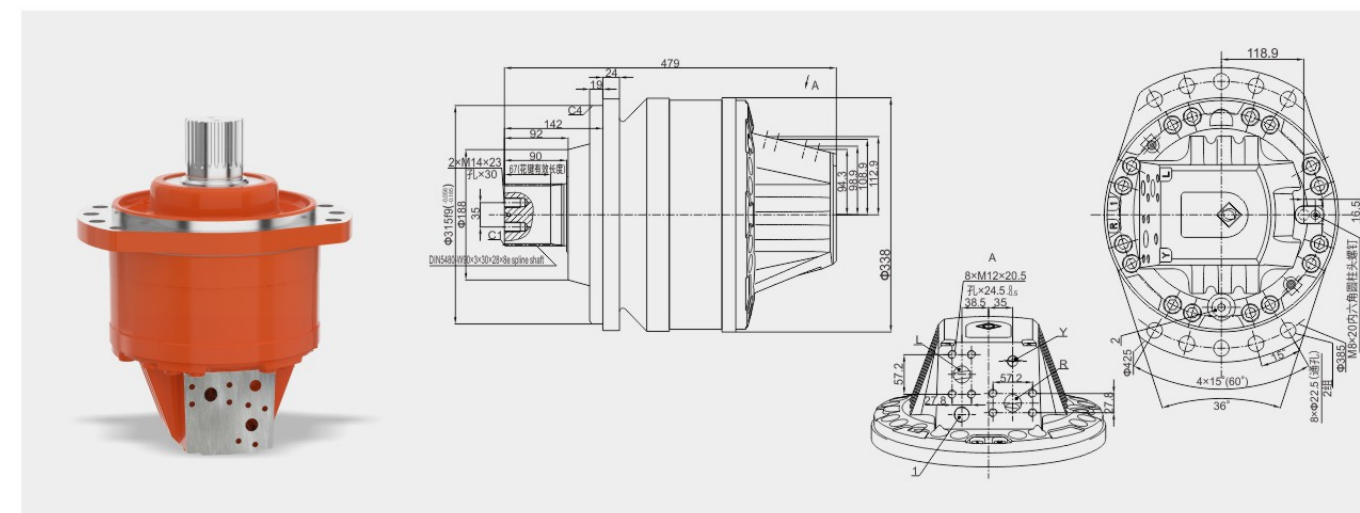
HP13 马达应用

HP13 hydraulic motor application

非开挖水平定向钻推拉液压系统和石油装备等。
Horizontal directional drilling push pull hydraulic system and Petroleum equipment, etc.

HP20 液压马达

HP20 hydraulic motor



HP20 技术参数

HP20 Technical specifications

型号 Code	HP20
排量 Displacement(ml/r)	1416-2427
压差10MPa时理论扭矩 Theoretical torque at 10MPa (N.M)	2254-3863
额定转速 Rated speed(r/min)	339-148
转速范围 Speed range(r/min)	0-505
额定压力 Rated pressure(MPa)	25
额定扭矩 Rated torque(N.M)	5629-9647
最大压力 Max.pressure(MPa)	40
最大扭矩 Max.torque(N.M)	9006-15436
最大功率 Max.power(KW)	200
液压油 Hydraulic Oil	46#耐磨液压油
油液温度 Oil temperature	-20° ~70°
油液清洁度 Oil Cleanliness	GB/T 14039规定的等级1/19/16

HP20 液压马达功能特点

HP20 hydraulic motor features

- 高转速，高效率，功率密度高
- 耐高压
- 模块化设计，能够应用于恶劣的工况
- 结构简单，体积小，易安装
- High speed, high efficiency, high power density
- High pressure resistance
- Modular design that can be applied to harsh working conditions
- Simple structure, small size, and easy installation



HP20 马达应用

HP20 hydraulic motor application

非开挖水平定向钻推拉液压系统和石油装备等。
Horizontal directional drilling push pull hydraulic system and Petroleum equipment, etc.

