

WENKUI GROUP
NINGBO HELM TOWER NODA HYDRAULIC CO.,LTD

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文魁控股集团
宁波恒通诺达液压股份有限公司

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文魁控股集团 
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股票代码 Stock code : 834088



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关于我们的

宁波恒通液压创建于2004年，公司于2015年6月正式更名为宁波恒通诺达液压股份有限公司，并于2015年11月正式在全国中小企业股份转让系统挂牌，股票代码: 834088。恒通诺达液压是一家专业设计、生产和销售 HMS、HMCR系列柱塞马达，HVL、HVK、HVN系列叶片马达以及铣挖机、液压泵和液压配件的国家级重点高新企业，公司坐落于浙江省宁波市，毗邻宁波机场和北仑深水海港，交通便利。公司先后通过ISO9001、CCS、TUV、BV和SGS等多项认证，产品广泛用于船舶、军工、煤矿机械、农业机械、工程机械、森林机械以及路面机械等众多领域。

作为一家高新技术企业，恒通诺达坚持走“科技创新”发展之路，凭借先进的加工工艺、优良的生产设备和一支出色的研发技术队伍，使得公司生产的MS、MCR系列马达和配件产品能够完全替代国外原装品牌，目前我们已经成为瑞典、南非、美国以及国内如三一等众多知名工程机械和船舶制造商的配套生产合作伙伴，特别是公司近期成功开发的铣挖机系列产品，一经推出便得到广大客户的青睐，陆续收到美国、韩国、澳大利亚等国客户的大批量订单。

人才是公司最大的财富，恒通公司拥有一支高素质的技术研发队伍，他们由液压行业内的资深博士、硕士、高级工程师、工程师、助理工程师组成，同时也与国内众多高校建立了战略合作关系，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。

秉承“客户第一”和“以人为本”的企业经营理念，恒通公司一直致力于建立有序、具有自我创新能力的持续发展管理体制和发展模式、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。

如今，重新启航的恒通诺达股份有限公司将继续本着“专注、专业、创新”的精神，不断强化公司的研发、设计和生产能力，不断满足广大客户更深层次的需求，和广大新老客户携手共创新的辉煌。

About US

Ningbo Helm Tower Noda Hydraulic Co.,Ltd (Stock code: 834088) is belong to Ningbo wenkui group, which is a professional designer, manufacturer and exporter for HMS series and HMCR series hydraulic motors, HVL,HVK, HVN Series vane motor,HDC,HTC,HF Series Drum cutter, hydraulic pumps and parts, it obtained the certificates of ISO9001,CCS ,TUV and SGS certificate.

Our company is located in Ningbo High Technology Zone, Holding \$5 million registered capital, covering area is over 12000 square meters. In the spirit of "concentration, profession, innovation" Ningbo Helm Tower Hydraulic Technology Co., Ltd. is dedicated to the research and development of hydraulic system and hydraulic components for long time, our products are widely used in marine, coal mine machinery and project machinery, metallurgy, agriculture, garden, environment protection synchronously and so on. We possesses over 100 high quality technology staff who consist of senior doctor, master, senior engineer, and assistant engineer work in the hydraulic industry for many years which can provide powerful technology and competitive advantage in product R&D, technology support and service, all of those lead to our HMS hydraulic motor and HMCR hydraulic motor can completely replace same type hydraulic motor of the oversea famous brand. Due to the strong process capability, the quality of main parts processed by CNC can be guaranteed well. Not only the main parts of our products used high-grade alloy steel material like 20CrMnTi, 42CrMo, but also adopted advanced heat treatment technology including treatment of carbon penetration, quenching, salt bath and nitrogen treatment to promise the product quality, every single part is inspected and every product rigorously tested before it leaves our factory to ensure their unimpeachable standard and quality. After assembly, the whole machine will be tested on our test platform 100%.

The key parts such as screw cartridge valves, sealing, and screw bolts all were imported from USA, Germany, Italy, France and Taiwan.

We are a group manufacturing company owned more then 10 subsidiary factories. Consisting of head office, Ningbo Wenkui I/E Co., Ningbo Wenkui Hydraulic Manufacturing Co., Ningbo Helm Tower Hydraulic Motor Co., it' s located in Ningbo, and other subsidiary factories which specializing in manufacturing orbit motors and piston pumps located in Shandong and Jiangsu province. With strict quality management system, advanced produce technical procedure, fine engineering, technical personnel and excellent after service, keeps the products are exported to Europe countries, USA, America, Australia, Middle East, part of Asia and other countries /region which win extremely praise and favor by the customers.

With competitive price, excellent performance and prompt delivery, holding the principle of "Exist by Quality, Develop by Credit", we sincerely welcome you to establish co-operative relationships with us in the near future.

技术团队 TECHNICAL TEAM

恒通液压作为宁波高新技术企业，拥有一支高素质的技术研发队伍。他们由液压行业内的资深博士、硕士、高级工程师、工程师、助理工程师组成，同时也与国内众多高校（包括浙江大学液压研究的教授）建立了战略合作关系，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。

公司通过ISO9001-2015质量管理体系认证和CCS质量管理体系认证，产品拥有多项国家级发明专利和实用新型专利。新产品和新技术在不断地研发中。

As ningbo high-tech enterprises, Helm Tower Hydraulic Technology Co.,Ltd possesses high quality technology staff who consist of senior doctor, master, senior engineer, engineer and assistant engineer in the hydraulic industry. As well as the strategic cooperation with domestic universities which have powerful technology and competitive advantage in product R&D, technology support and service.

The company has passed ISO9001-2015 and CCS quality standards. Our products have a number of national invention patents. New products and technologies are constantly being developed.



资格认证 QUALIFICATION



恒通的企业文化

核心价值观：

客户第一，市场导向；以人为本，团队合作；胸怀远大，持之以恒。

恒通的追求：

恒通要成为全球领先的液压马达制造商与服务商；

恒通要有强烈的使命感和责任感-----信誉、效率、勤奋、自强不息的创新精神与进取精神、文明和社会责任感。

恒通的核心竞争力：

保证交货及时性；

100%的成品马达测试，100%的产品质量保证；

全方位的技术支持，充足的零配件库存，高效的信息反馈，完整的产品质保体系；

长期关注行业与传动技术发展积累的专业能力和创新能力；

长期坚持客户第一积累的客户满意度和品牌形象；

持续优化、高效的管理机制和流程体系；

精诚合作、训练有素的专业队伍。

Helm Tower Company Culture

Key Value:

Customer first, Market-driven, People oriented, Teams cooperation, Lone-term vision, Persistence.

Pursuit:

To be the global leading hydraulic motor manufacturer and service provider.

Owing the strong sense of mission and responsibility----prestige, efficiency, diligence, ceaseless, self-improvement innovation and enterprising spirit, civilization and society responsibility.

Key competitive power:

Ensure timely delivery;

100% motors passed the Final testing, 100% product quality assurance;

Comprehensive technical support, Sufficient spare parts inventory, Effective feedback, Completely quality Guarantee system;

The professional competence and innovative ability from the long term accumulation by focusing on the transmission and the industry development.

Always insisting on the satisfaction of the customers and the brand image.

Continually optimizing the high efficient management and the processing system

Team-work and experienced professional staff.

液 压 马 达、 泵 及 元 器 件 大 型 生 产 基 地

MANUFACTURING BASE OF HYDRAULIC MOTOR, PUMP AND COMPONENTS.



- | | |
|---|---|
| 1 | 2 |
| 3 | 4 |
| 5 | 6 |
| 8 | 7 |
| 9 | |

1. HMS马达测试台 HMS Motor Test Board
2. 立式加工中心 (韩国F500) Korea Vertical Machining Center
3. 加工中心 Machining Center
4. 三维测量仪 Three-Dimensional Measuring Instrument
5. 卧式加工中心 (韩国KH50G) Korea Horizontal Machining Center
6. 内曲线加工中心 (立式数控曲线磨床MK8580) Incurve Machining Center (Vertical Numerical Control Curve Grinding Machine)
7. 五轴加工设备 Five axis processing equipment
8. 加工车间 Process Workshop
9. 装配车间 Assembly Workshop



主要产品(Main Products) :

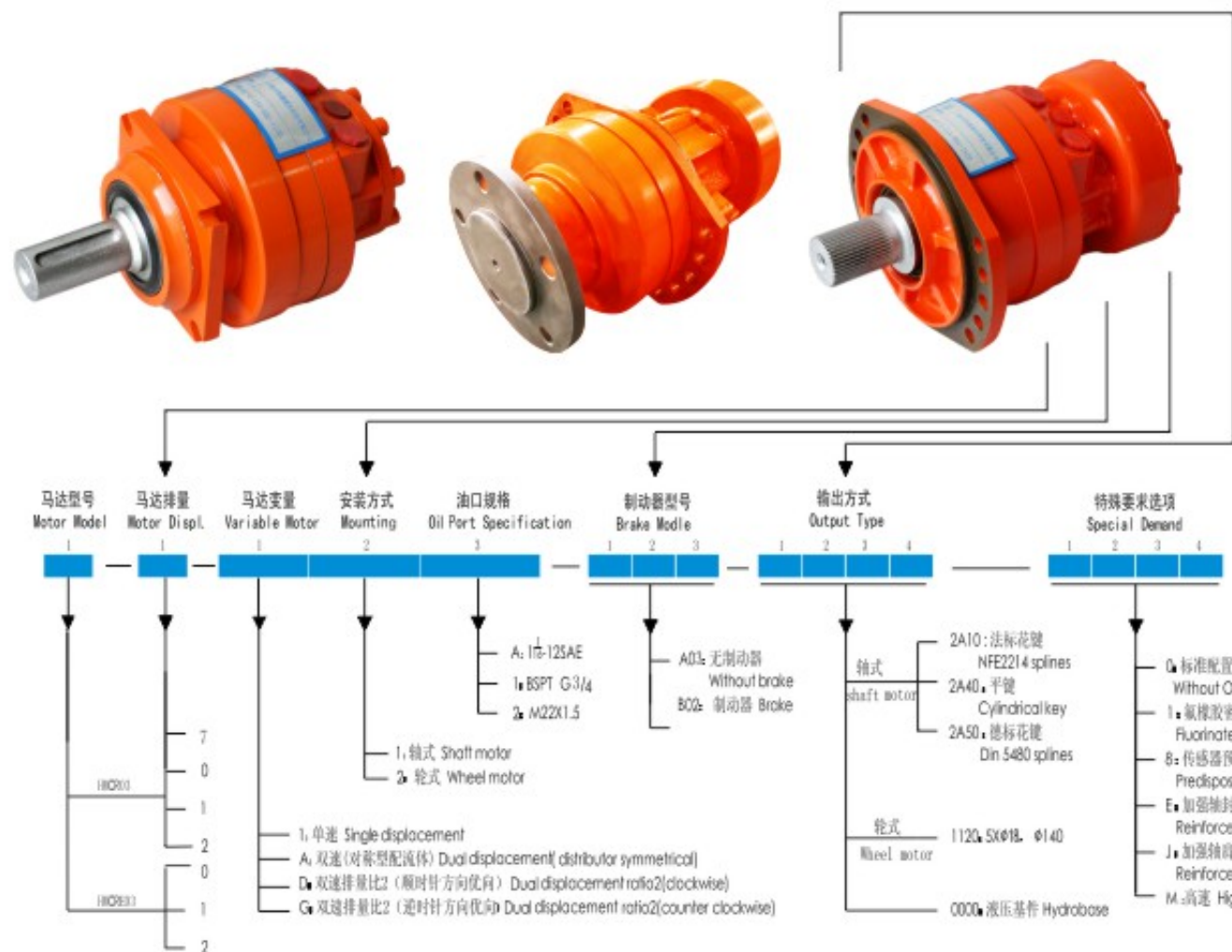
HVL/HVK/HVN叶片马达、HMS马达、HMCR马达、HDC/HTC铣挖机及其零配件。
HVL/HVK/HVN Vane Motor, HMS series Motor, HMCR series Motor, HDC/HTC Drum Cutter and Spare Parts and so on...
HMS系列和HMCR系列的零配件能100%替代进口马达零配件, 整机马达与进口马达性能接近。
The spare parts of our HMS and HMCR series motors can completely replace the imported motor parts. Meanwhile, our motor's performance is close to the imported motors'.
HMS02/HMS05/HMS08/HMS11/HMS18/HMCR03 已经通过国家机械测试中心的测试。
HMS02/HMS05/HMS08/HMS11/HMS18/HMCR03 series Motors have passed the quality tested by Chinese machinery testing Centre.

产品应用领域 (Field of application of Helm Tower products)

公司产品广泛应用于船舶、矿山机械、工程机械、农业机械、森林机械等。
The Helm Tower Motors using for Marine, Mining machinery, Construction machinery, Agricultural machinery, Forestry machinery and so on.

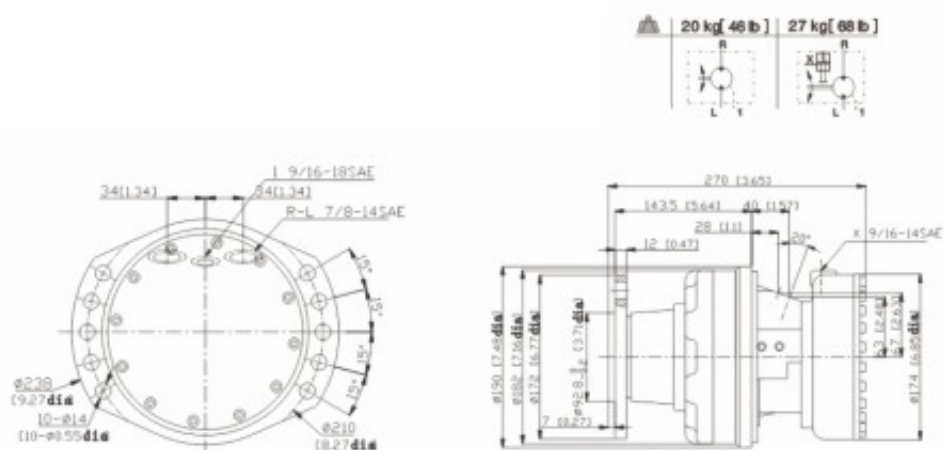
HMCRO3/HMCRE03系列液压马达

HMCRO3/HMCRE03 series hydraulic motor



HMCRO3/HMCRE03连接尺寸图

HMCRO3/HMCRE03 Connection Dimension



HMCRO3/HMCRE03系列液压马达应用

HMCRO3/HMCRE03 series hydraulic motor application

矿山机械 (Mining Machinery): 采煤机 (Coal Winning Machine), 掘进机 (Road Header), 刮板机 (Scraper), 重载搬运车 (Heavy Duty Handling Car), 煤矿钻机 (Coal Mine Drill)

工程机械 (Construction Machinery): 滑移装载机 (Skid Steer Loader), 潜孔钻机 (Down-The-Hole Drill), 旋挖钻机 (Rotary Drill), 小型挖装机 (Mini And Midi Excavator), 搅拌车 (Mixer Truck), 切割机 (Cutting Machine)

船舶机械 (甲板机械) (Marine Machinery): 港口龙门吊 (Gantry Crane)



滑移装载机
Skid Steer Loader



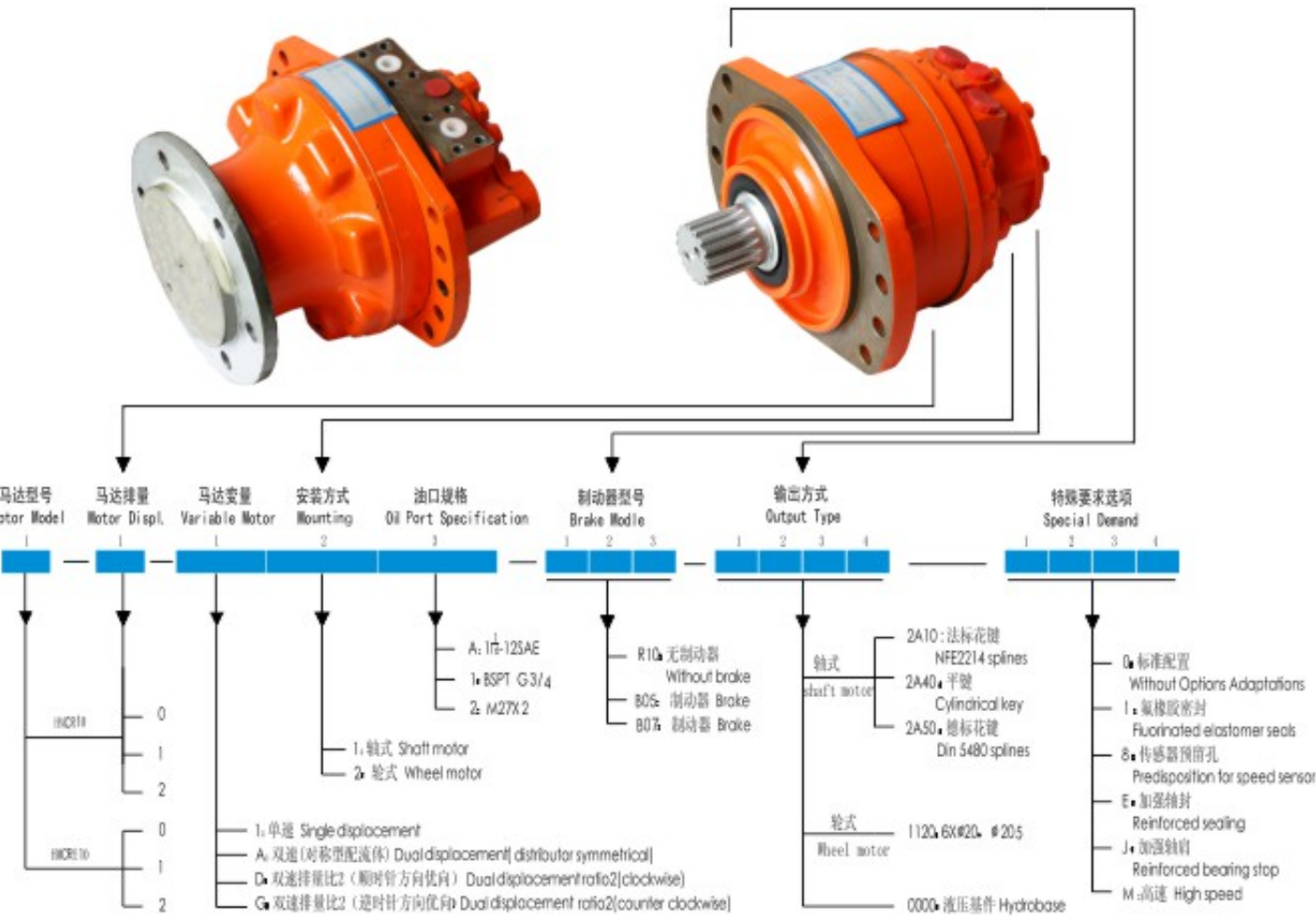
自走式龙门吊
Self-Propelled Gantry Crane

HMCRO3/HMCRE03系列排量图

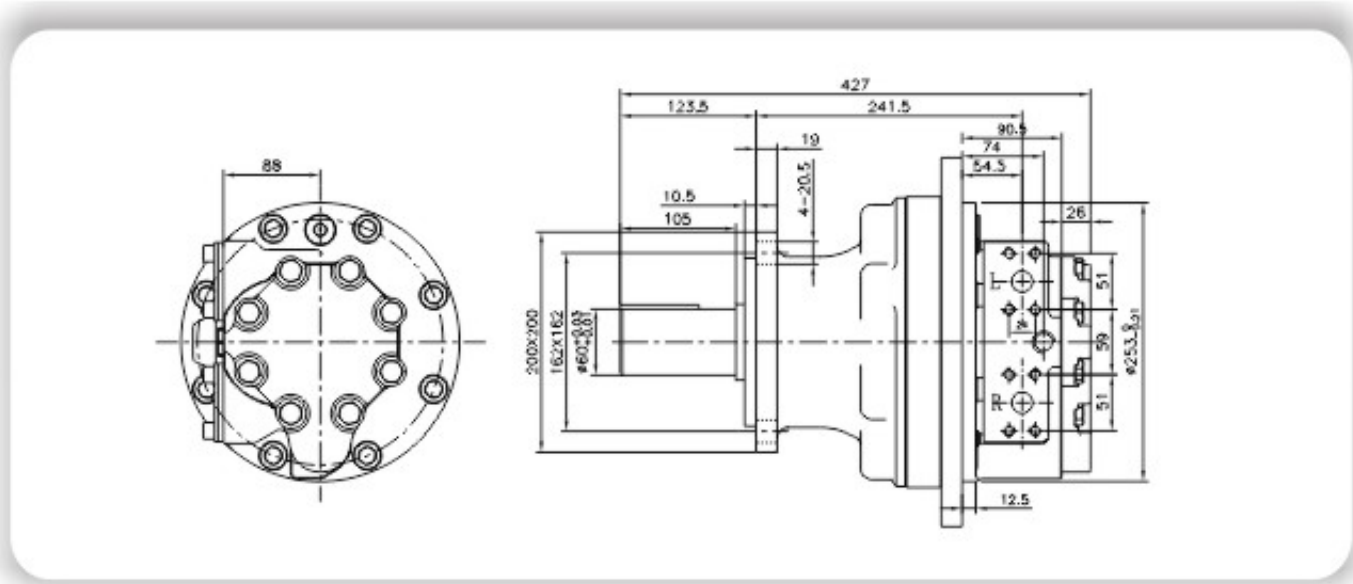
HMCRO3/HMCRE03 series displacement diagram

型号 Code	HMCRO3				HMCRE03		
排量分组 Displacement Group	7	0	1	2	0	1	2
排量 Displacement (ml/r)	160	225	255	280	325	365	400
压差10MPa时理论扭矩 Theoretical torque at 10MPa (N.m)	254	357	405	445	516	580	636
额定转速 Rated speed (r/min)	250	160	160	125	160	125	125
额定压力 Rated pressure (Mpa)	25	25	25	25	25	25	25
额定扭矩 Rated torque (N.m)	635	892	1012	1112	1290	1450	1590
最大压力 Max.pressure (Mpa)	31.5	31.5	31.5	31.5	31.5	31.5	31.5
最大扭矩 Max. torque (N.m)	650	910	1030	1130	1310	1470	1620
转速范围 Speed range (r/min)	0-670	0-475	0-420	0-385	0-330	0-295	0-270
最大功率 Max. power (kW)	18	18	18	18	22	22	22

HMCR10/HMCRE10系列液压马达
HMCR10/HMCRE10 series hydraulic motor



HMCR10/HMCRE10连接尺寸图
HMCR10/HMCRE10 Connection Dimension



HMCR10/HMCRE10系列液压马达应用
HMCR10/HMCRE10 series hydraulic motor application

矿山机械 (Mining Machinery): 采煤机 (Coal Winning Machine), 掘进机 (Road Header), 重载搬运车 (Heavy Duty Handling Car), 煤矿钻机 (Coal Mine Drill)
工程机械 (Construction Machinery): 滑移装载机 (Skid Steer Loader), 破碎机 (Break Machine),



定量配料机
Dosing Machine



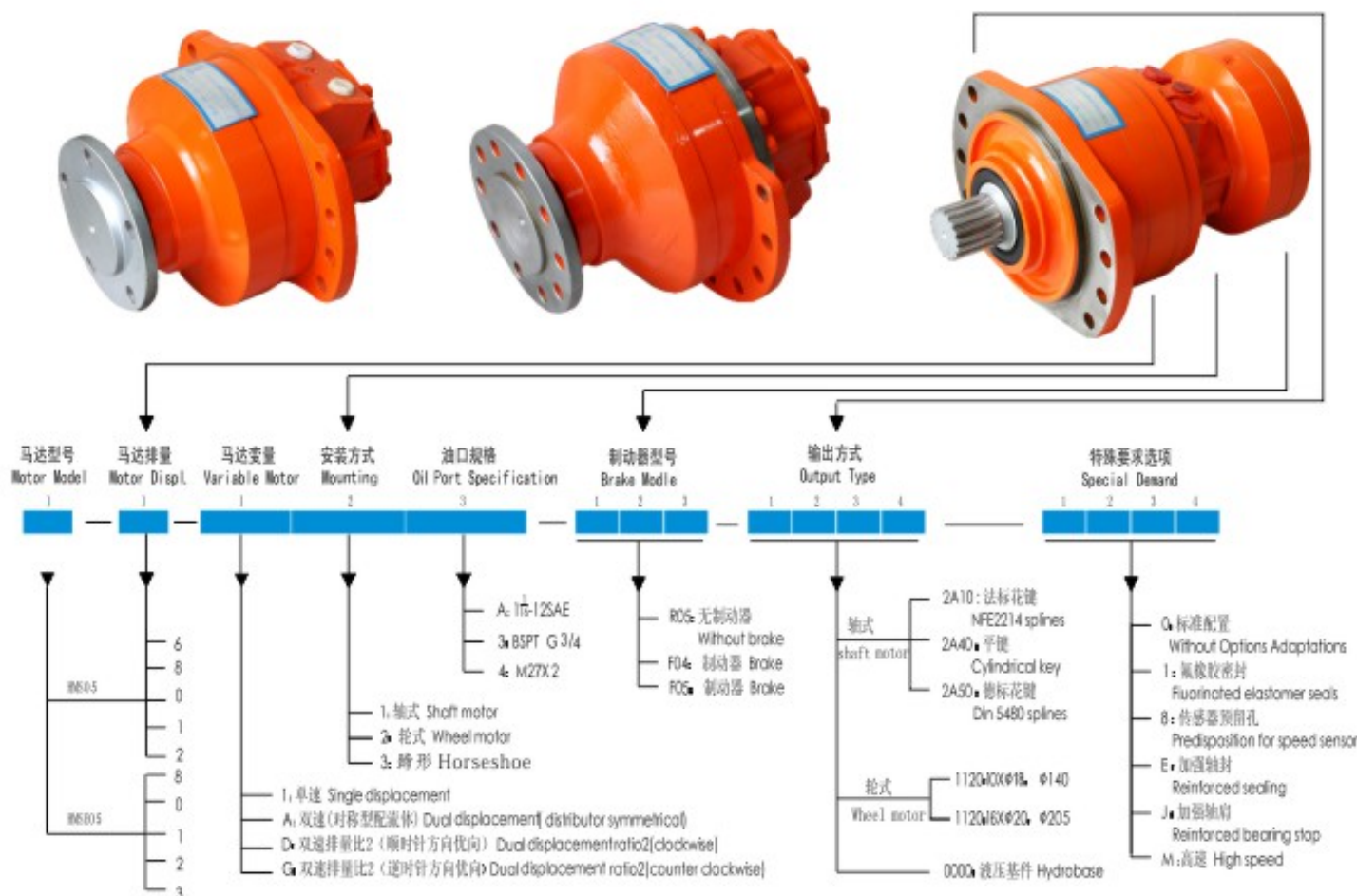
小型挖掘机
Mini Excavator

HMCR10/HMCRE10系列排量图
HMCR10/HMCRE10 series displacement diagram

型号 Code	HMCR10			HMCRE10		
排量分组 Displacement Group	0	1	2	0	1	2
排量 Displacement (ml/r)	780	860	940	1120	1250	1340
压差10MPa时理论扭矩 Theoretical torque at 10MPa (N.m)	1240	1367	1494	1780	1987	2130
额定转速 Rated speed (r/min)	125	100	100	100	80	80
额定压力 Rated pressure (Mpa)	25	25	25	25	25	25
额定扭矩 Rated torque (N.m)	3100	3417.5	3735	4450	4967.5	5325
最大压力 Max. pressure (Mpa)	31.5	31.5	31.5	31.5	31.5	31.5
最大扭矩 Max. torque (N.m)	3160	3480	3810	4540	5060	5430
转速范围 Speed range (r/min)	0-215	0-195	0-180	0-150	0-135	0-125
最大功率 Max. power (kW)	44	44	44	50	50	50

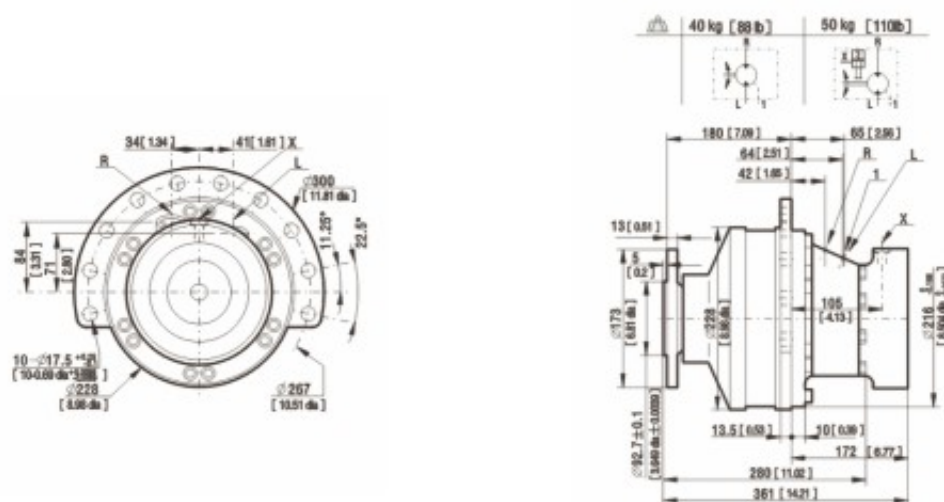
HMS05/HMSE05系列液压马达

HMS05/HMSE05 series hydraulic motor



HMS05/HMSE05连接尺寸图

HMS05/HMSE05 Connection Dimension



HMS05/HMSE05系列液压马达应用

HMS05/HMSE05 series hydraulic motor application

工程机械 (Construction Machinery): 扒渣机90以上 (Cinder), 滑移装载机 (Skid Steer Loader), 防爆叉车 (Explosion-Proof Forklift), 越野叉车 (Forklift), 运梁机/提梁车 (Beam Carrier/Hoisting Machine), 农业机械 (Agricultural Machinery): 小型农用车 (Mini Farming Vehicle), 玉米收割机 (联合收割机) (Combine Harvester And Cotton Picker), 矿山机械 (Mining Machinery): 630以上刮板机 (Scraper), 掘进机 (Road Header), 重载搬运车 (Heavy Duty Handling Car), 煤矿钻机 (Coal Mine Drill), 特种车辆 (Special Vehicle): 消防车 (Fire Engine)



潜孔钻机
Down-The-Hole Drill



掘进机
Road Header

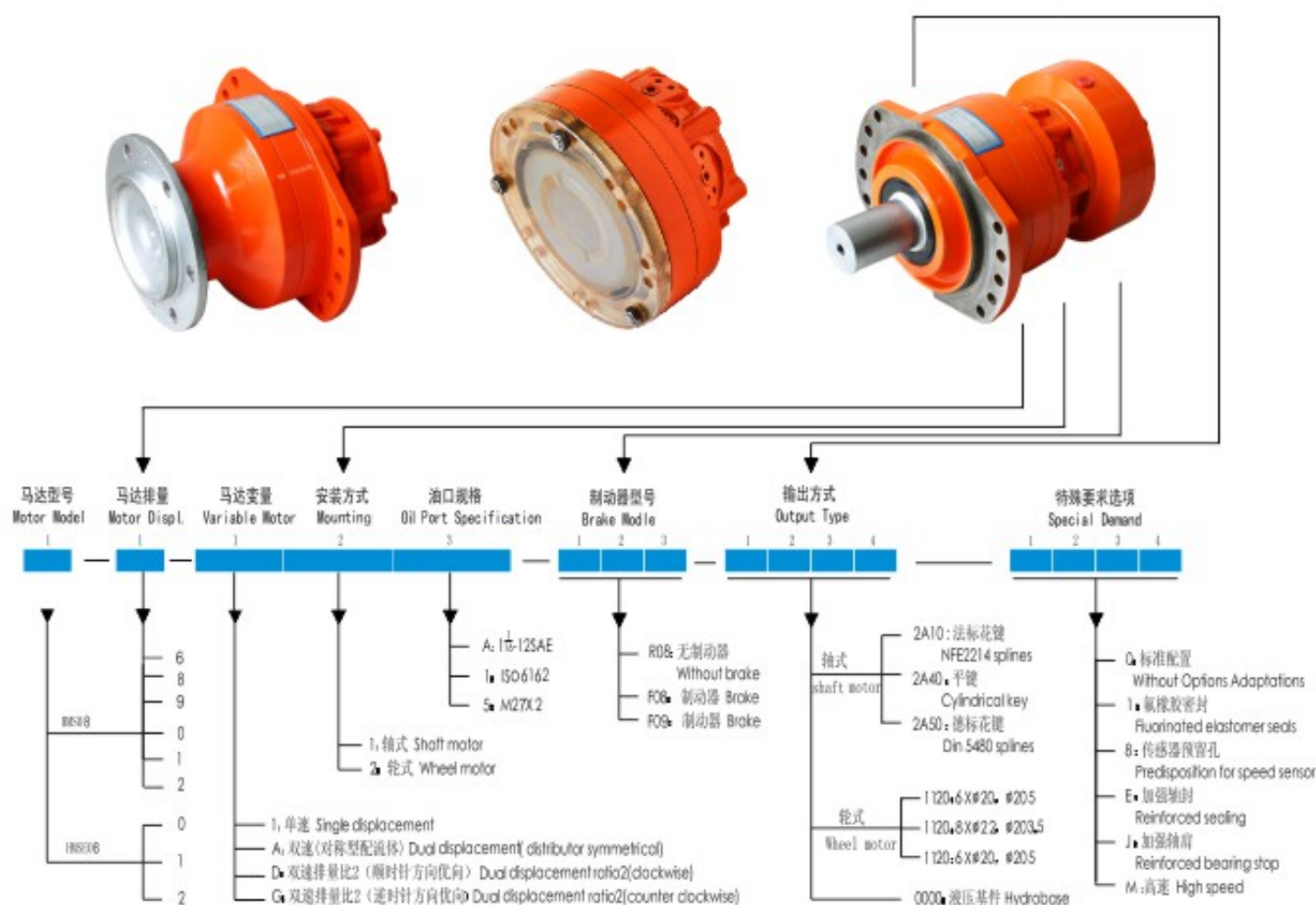
HMS05/HMSE05系列排量图

HMS05/HMSE05 series displacement diagram

型号 Code	HMS05					HMSE05				
排量分组 Displacement Group	6	8	0	1	2	8	0	1	2	3
排量 Displacement (ml/r)	260	376	468	514	560	503	625	688	750	820
压差10MPa时理论扭矩 Theoretical torque at 10MPa (N.m)	413	598	744	817	890	800	994	1094	1193	1304
额定转速 Rated speed (r/min)	160	160	125	125	125	100	100	100	80	80
额定压力 Rated pressure (Mpa)	25	25	25	25	25	25	25	25	25	25
额定扭矩 Rated torque (N.m)	1033	1495	1860	2043	2225	2000	2485	2735	2983	3260
最大压力 Max. pressure (Mpa)	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
最大扭矩 Max. torque (N.m)	1050	1500	1850	2050	2250	2030	2500	2750	3000	3300
转速范围 Speed range (r/min)	0-265	0-250	0-240	0-220	0-200	0-200	0-190	0-175	0-160	0-140
最大功率 Max. power (kW)	标准排量29kW 变排量优先转向19kW 变排量非优先转向15kW. Standard displacement is 29kW, variable displacement priority rotation 19kW, no priority is 15kW.									

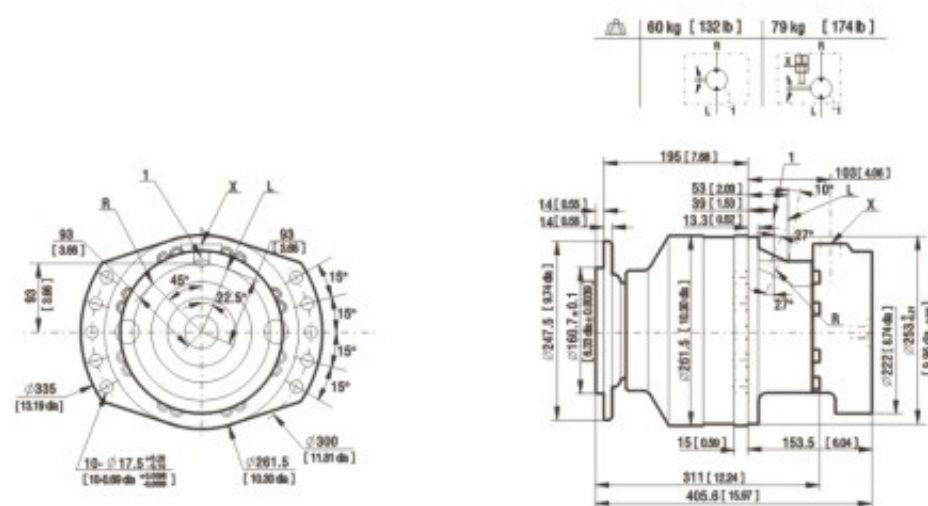
HMS08/HMSE08系列液压马达

HMS08/HMSE08 series hydraulic motor



HMS08/HMSE08连接尺寸图

HMS08/HMSE08 Connection Dimension



HMS08/HMSE08系列液压马达应用

HMS08/HMSE08 series hydraulic motor application

工程机械 (Construction Machinery): 压路机 (MK系列) (Road Roller), 扒渣机 (Cinder) 运粮车/提梁车 (Beam Carrier/Hoisting Machine), 铣刨机 (Milling Machine), 挖掘装载机 (Backhoe Loader)
农业机械 (Agricultural Machinery): 喷药机 (Spray Machine)
矿山机械 (Mining Machinery): 掘进机 (Road Header), 刮板机 (Scraper), 重载搬运车 (Heavy Duty Handling Car), 挖掘机 (Excavator), 煤矿钻机 (Coal Mine Drill)
特种车辆 (Special Vehicles): 消防车 (Fire Engine)
林业机械 (Forest Machinery): 伐木机 Stumper, 森林装载机 Loader, 林业收割机 Forest Felling Machine



刮板机
Scraper conveyor



林业收割机
Forest Felling Machine

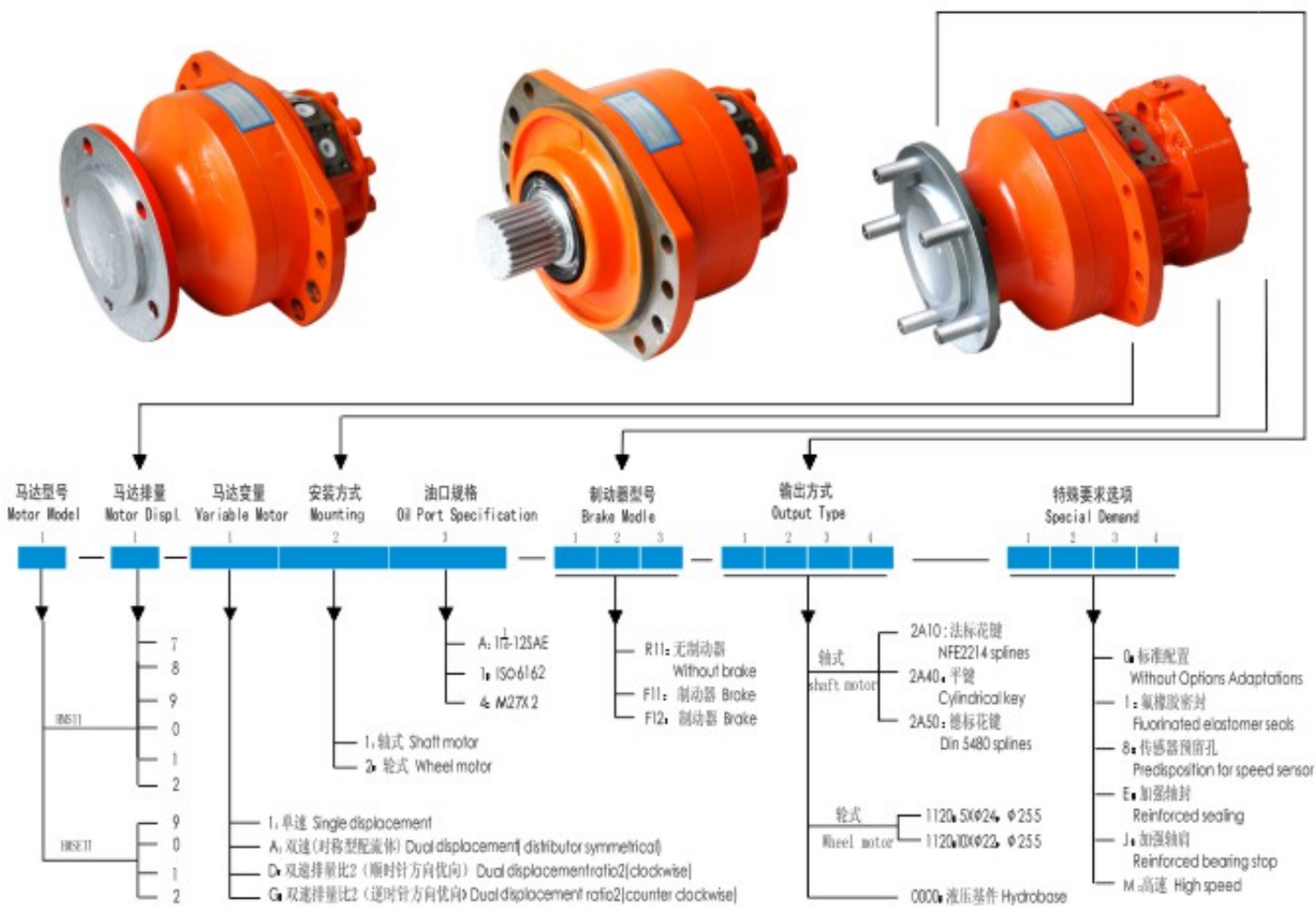
HMS08/HMSE08系列排量图

HMS08/HMSE08 series displacement diagram

型号 Code	HMS08						HMSE08		
排量分组 Displacement Group	6	8	9	0	1	2	0	1	2
排量 Displacement (ml/r)	467	627	702	780	857	934	1043	1146	1248
压差10MPa时理论扭矩 Theoretical torque at 10MPa (N.m)	743	997	1116	1240	1363	1485	1658	1822	1984
额定转速 Rated speed (r/min)	160	160	125	125	100	100	80	80	80
额定压力 Rated pressure (Mpa)	25	25	25	25	25	25	25	25	25
额定扭矩 Rated torque (N.m)	1858	2493	2790	3100	3408	3713	4145	4555	4960
最大压力 Max. pressure (Mpa)	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
最大扭矩 Max. torque (N.m)	1890	2500	2800	3150	3450	3750	4200	4600	5050
转速范围 Speed range (r/min)	0-210	0-210	0-185	0-170	0-155	0-140	0-130	0-110	0-105
最大功率 Max. power (kW)	标准排量41kW 变量优先轴向27kW 变量非优先轴向21kW Standard displacement is 41kW, variable displacement priority rotation 27kW, no priority is 21kW								

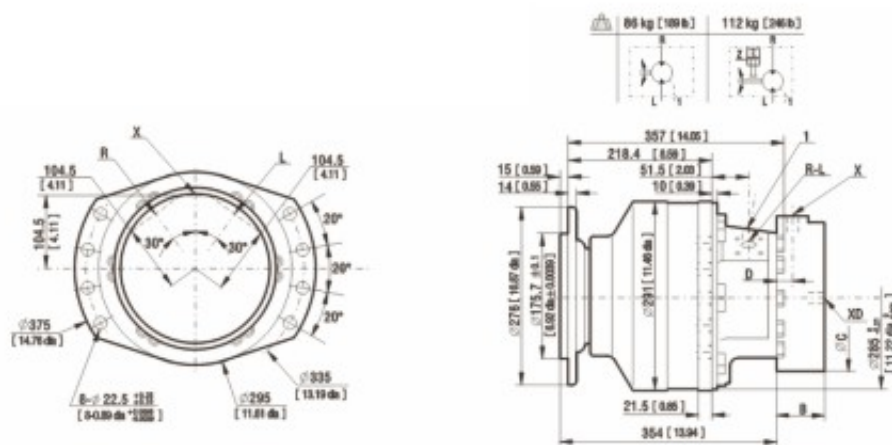
HMS11/HMSE11系列液压马达

HMS11/HMSE11 series hydraulic motor



HMS11/HMSE11连接尺寸图

HMS11/HMSE11 Connection Dimension



HMS11/HMSE11系列液压马达应用

HMS11/HMSE11 series hydraulic motor application

工程机械 (Construction Machinery) : 运梁机/提梁车 (Beam Carrier/Hoisting Machine), 固定式搅拌站 (Cement Concrete Mixing Station), 扒渣机120以上机型 (Cinder), 皮带输送机 (Belt Conveyor)
农业机械 (Agricultural Machinery) : 喷药机 (Spray Machine)
矿山机械 (Mining Machinery) : 小型掘进机 (Mini Road Header), 1200以上刮板机 (Scraper), 重载搬运车 (Heavy Duty Handling Car), 煤矿钻机 (Coal Mine Drill)
船舶机械 (甲板机械) (Marine Machinery) : 船用甲板吊机 (Marine Deck Crane)



喷药机
Spray Machine



扒渣机
Crawler Loader

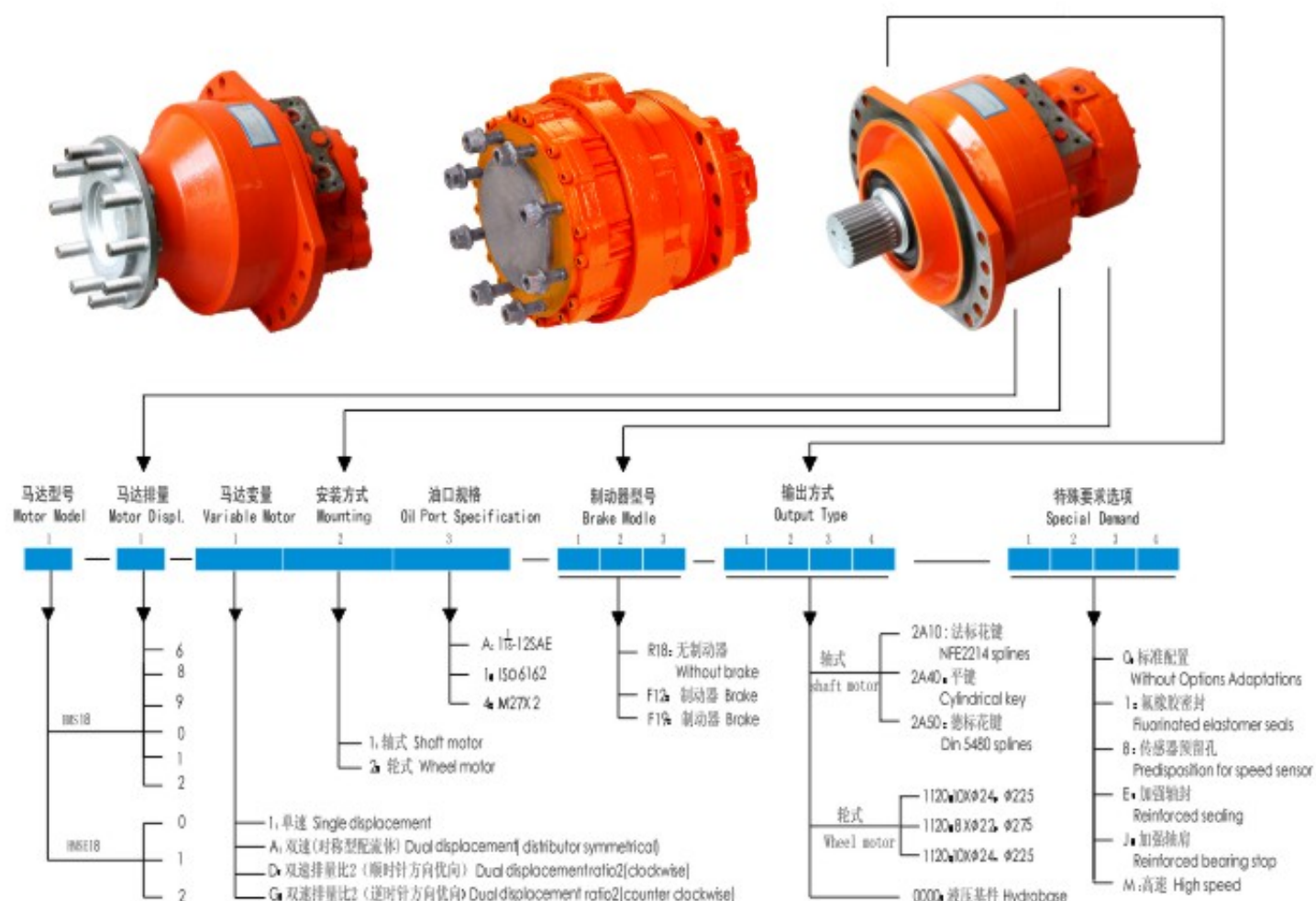
HMS11/HMSE11系列排量图

HMS11/HMSE11 series displacement diagram

型号 Code	HMS11						HMSE11			
排量分组 Displacement Group	7	8	9	0	1	2	9	0	1	2
排量 Displacement (ml/r)	730	837	943	1048	1147	1259	1263	1404	1536	1687
压差10MPa时理论扭矩 Theoretical torque at 10MPa (N.m)	1161	1331	1499	1666	1824	2002	2008	2232	2442	2682
额定转速 Rated speed (r/min)	125	125	125	100	100	80	80	80	63	63
额定压力 Rated pressure (Mpa)	25	25	25	25	25	25	25	25	25	25
额定扭矩 Rated torque (N.m)	2903	3328	3748	4165	4560	5005	5020	5580	6105	6705
最大压力 Max. pressure (Mpa)	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
最大扭矩 Max. torque (N.m)	2950	3350	3800	4200	4650	5100	5100	5650	6200	6800
转速范围 Speed range (r/min)	0-200	0-195	0-190	0-185	0-180	0-170	0-170	0-155	0-140	0-130
最大功率 Max. power (kW)	标准排量50kW 变量优先旋向33kW 变量非优先旋向25kW Standard displacement is 50kW, variable displacement priority rotation 33kW, no priority is 25kW									

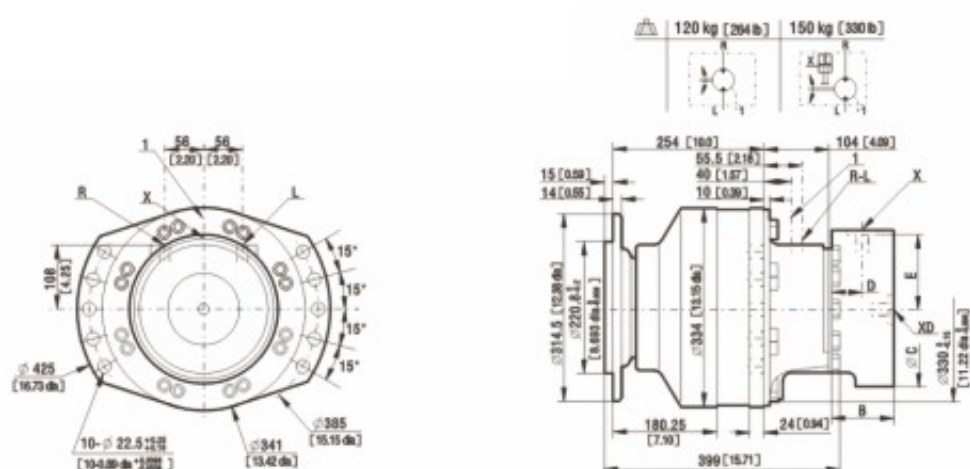
HMS18/HMSE18系列液压马达

HMS18/HMSE18 series hydraulic motor



HMS18/HMSE18连接尺寸图

HMS18/HMSE18 Connection Dimension



HMS18/HMSE18系列液压马达应用

HMS18/HMSE18 series hydraulic motor application

工程机械 (Construction Machinery): 扒渣机220以上机型 (挖掘装载机) (Backhoe Loader),

防爆叉车 (Explosion-Proof Forklift), 越野叉车 (Forklift)

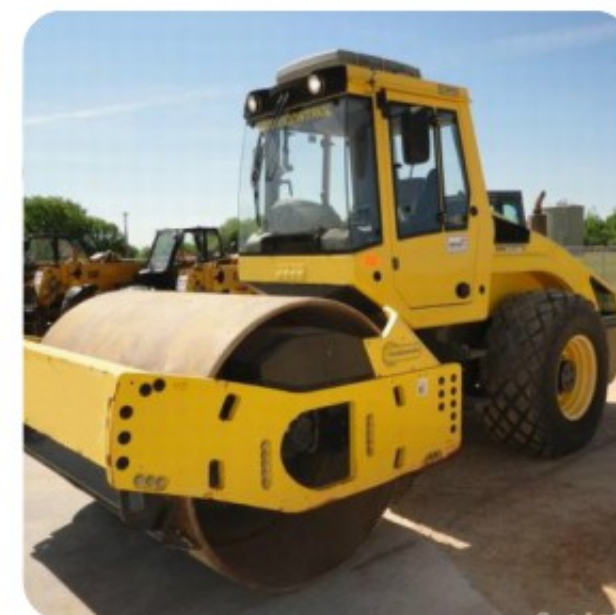
矿山机械 (Mining Machinery): 小型掘进机 (Mini Road Header), 重载搬运车 (Heavy Duty Handling Car),

煤矿钻机 (Coal Mine Drill)

船舶机械 (甲板机械) (Marine Machinery): 锚绞机 (Windlass), 克令吊 (Crane)



矿山机械
Mining Machinery



压路机
Road Roller

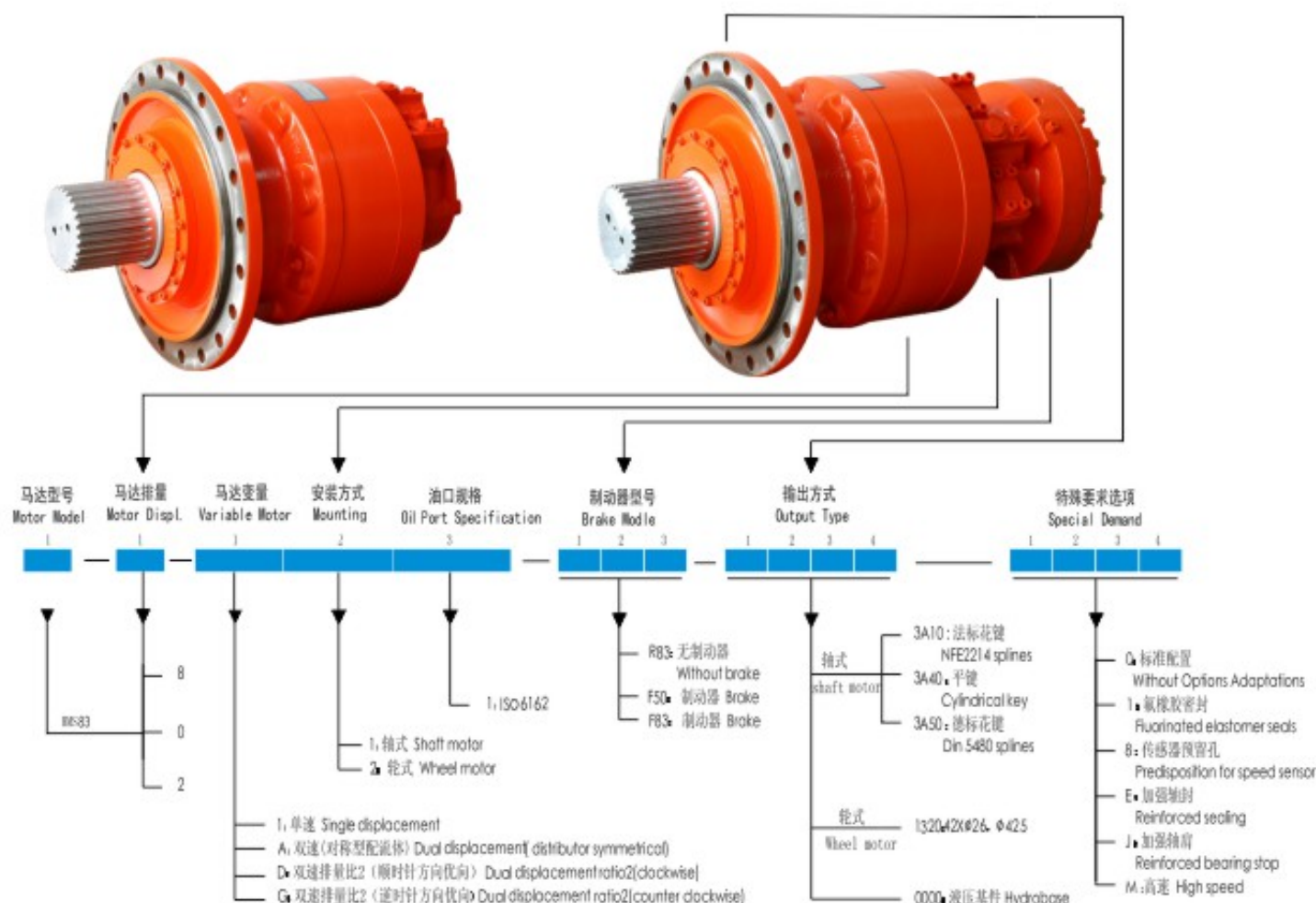
HMS18/HMSE18系列排量图

HMS18/HMSE18 series displacement diagram

型号 Code	HMS18						HMSE18		
排量分组 Displacement Group	6	8	9	0	1	2	0	1	2
排量 Displacement (ml/r)	1091	1395	1571	1747	1911	2099	2340	2560	2812
压差10MPa时理论扭矩 Theoretical torque at 10MPa (N.m)	1735	2218	2498	2778	3038	3337	3721	4070	4471
额定转速 Rated speed (r/min)	100	100	100	80	80	80	63	63	50
额定压力 Rated pressure (Mpa)	25	25	25	25	25	25	25	25	25
额定扭矩 Rated torque (N.m)	4338	5545	6245	6945	7595	8343	9303	10175	11178
最大压力 Max. pressure (Mpa)	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
最大扭矩 Max. torque (N.m)	4420	5650	6350	7050	7700	8500	9450	10350	11400
转速范围 Speed range (r/min)	0-170	0-155	0-140	0-125	0-115	0-100	0-90	0-85	0-75
最大功率 Max. power (kW)	标准排量70kW 变量优先向47kW 变量非优先向35kW Standard displacement is 70kW, variable displacement priority rotation 47kW, no priority is 35kW								

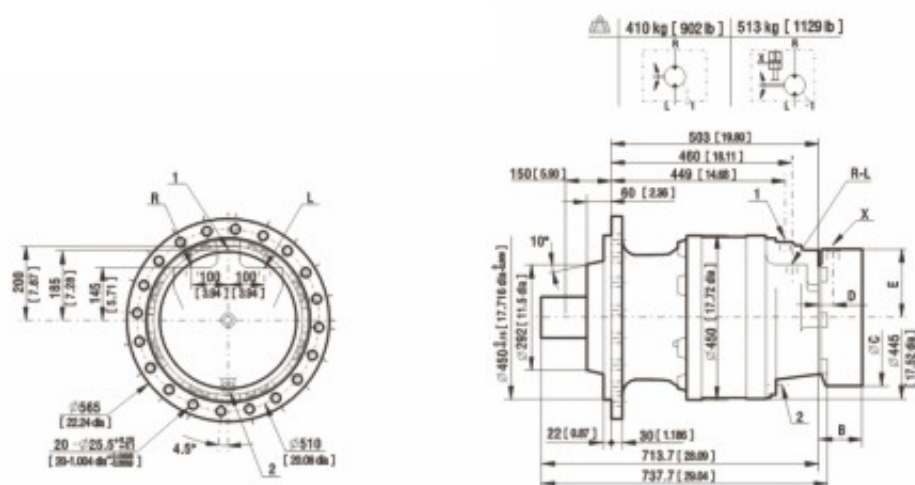
HMS83系列液压马达

HMS83 series hydraulic motor



HMS83连接尺寸图

HMS83 Connection Dimension



HMS83系列液压马达应用

HMS83 series hydraulic motor application

工程机械 (Construction Machinery): 盾构机 (Shield Machine), 斗轮机 (Bucket Wheel Machine), 石油钻井设备 (Oil Drilling Equipment), 锻造操作机 (Forging Manipulator),
矿山机械 (Mining Machinery): 重载搬运车 (Heavy Duty Handling Car), 煤矿钻机 (Coal Mine Drill)
船舶机械 (甲板机械) (Marine Machinery): 船用甲板吊机 (Marine Deck Crane), 港口起重设备 (Gantry Crane Equipment)



石油钻井设备
Oil Drilling Equipment



轧钢机
Steel Rolling Mill

HMS83系列排量图

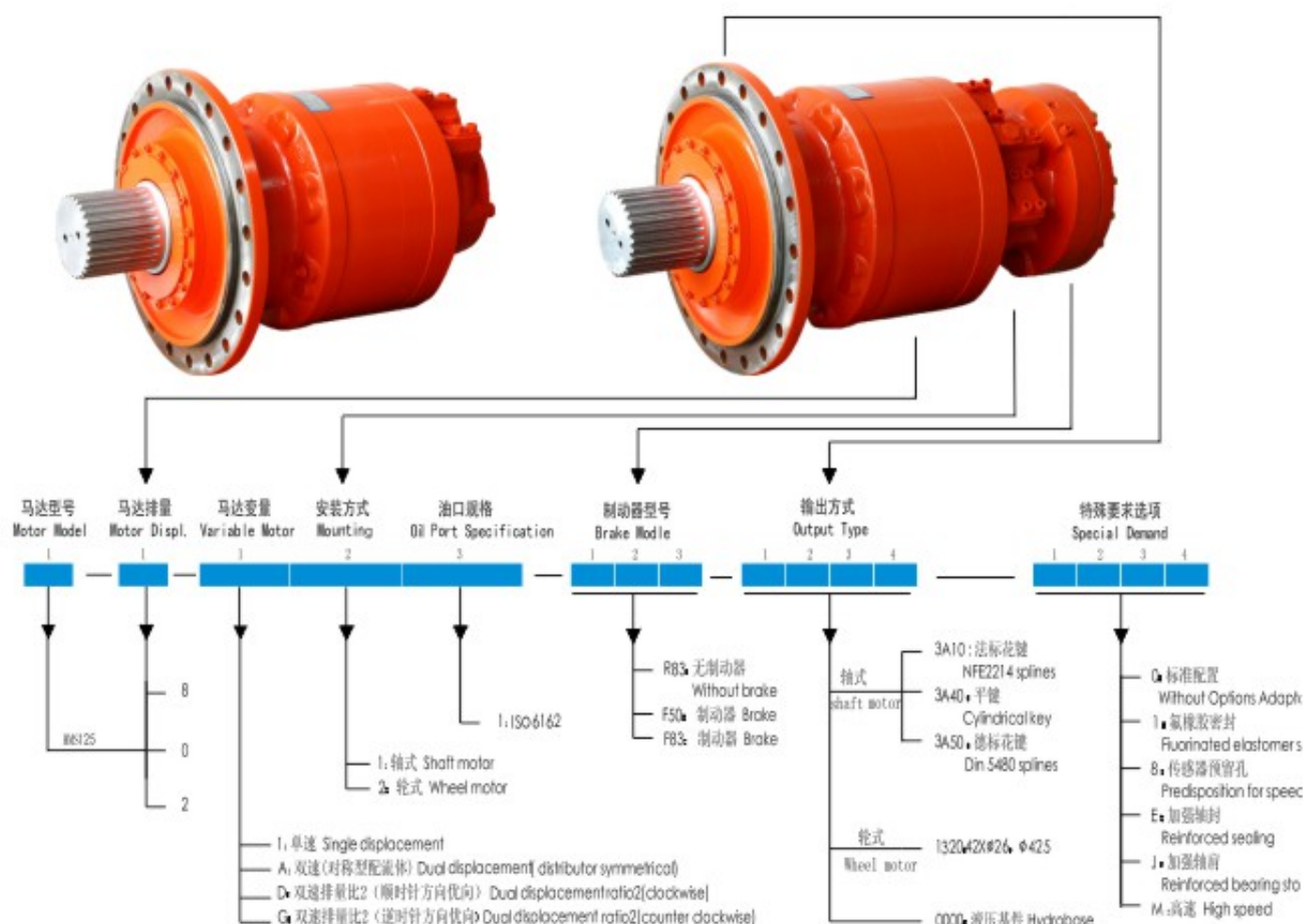
HMS83 series displacement diagram

排量分组 Displacement Group	8	0	2
排量 Displacement (ml/r)	6679	8328	10019
压差10MPa时理论扭矩 Theoretical torque at 10MPa (N.m)	10620	13242	15930
额定转速 Rated speed (r/min)	63	50	40
额定压力 Rated pressure (Mpa)	25	25	25
额定扭矩 Rated torque (N.m)	26550	33105	39825
最大压力 Max. pressure (Mpa)	31.5	31.5	31.5
最大扭矩 Max. torque (N.m)	27050	33750	40600
转速范围 Speed range (r/min)	0-65	0-52	0-43
最大功率 Max. power (kW)			

标准排量220kW 变量优先旋转135kW
Standard displacement is 220kW, variable displacement priority rotation 135kW

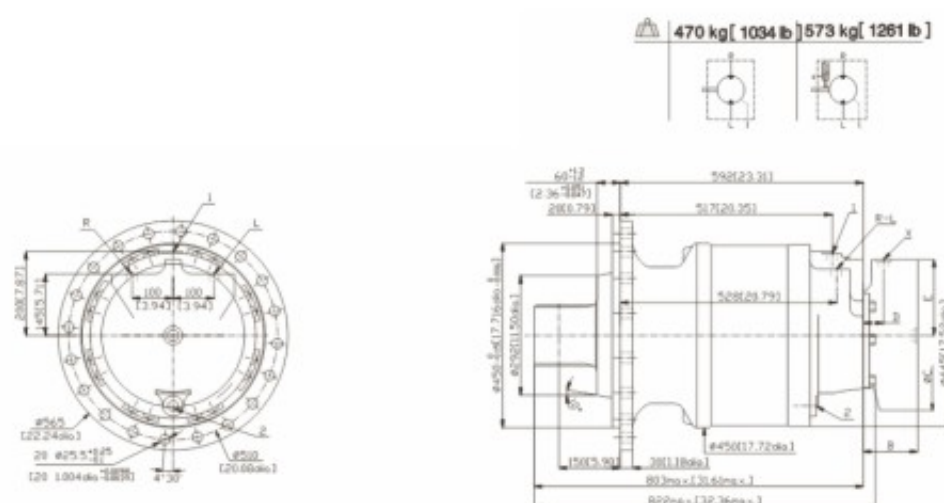
HMS125系列液压马达

HMS125 series hydraulic motor



HMS125连接尺寸图

HMS125 Connection Dimension



HMS125系列液压马达应用

HMS125 series hydraulic motor application

工程机械 (Construction Machinery): 盾构机 (Shield Machine), 斗轮机 (Bucket Wheel Machine), 石油钻井设备 (Oil Drilling Equipment)
矿山机械 (Mining Machinery): 重载搬运车 (Heavy duty handling car), 煤矿钻机 (Coal mine drill)



盾构机
Shield Machine



船舶锚绞机
Marine Windlasses and Mooring Winches

HMS125系列排量图

HMS125 series displacement diagram

排量分组 Displacement Group	8	0	2
排量 Displacement (ml/r)	10000	12500	15000
压差10MPa时理论扭矩 Theoretical torque at 10MPa (N.m)	15900	19875	23850
额定转速 Rated speed (r/min)	50	40	30
额定压力 Rated pressure (Mpa)	25	25	25
额定扭矩 Rated torque (N.m)	39750	49688	59825
最大压力 Max. pressure (Mpa)	31.5	31.5	31.5
最大扭矩 Max. torque (N.m)	40500	50650	60800
转速范围 Speed range (r/min)	0-50	0-40	0-30
最大功率 Max. power (kW)			

标准排量240kW 变量优先旋向160kW
Standard displacement is 240kW, variable displacement priority rotation 160kW

MK / MKE 系列马达应用

MK / MKE Series Hydraulic Motor Application



MK/HMK系列马达主要技术性能参数

MK/MKE series Motor main Technical data sheet

排量分组 (Disp Lacement)	MK					MKE		
	8	9	0	1	2	0	1	2
型号 Code	排量 Displacement(ml/r)							
MK04	272		340		408			
MKD04			456	502	545			
MK18	1395	1571	1747	1911	2099	2340	2560	2812
MK23	1395	1571	1747	1911	2099	2340	2560	2812
MK35		3143	3494	3822	4198			

HVK-7318/HVL-8134/HVN-8223系列叶片马达

HVK series-7318/HVL series-8134/HVN series-8223 vane motor



HVK/HVL/HVN系列叶片马达主要技术性能参数

HVK/HVL/HVN series Vane Motor main Technical data sheet

Motor type	HVK-A(S)	HVL-A(S)	HVN-S(D)
Motor Code	F2-7318/7317(8136)	F2-8134/8135/8091(8093)	F2-8094(8095/8223)
Rated Rotation r/min	41.7(43)	35/41.3 (27.4)	86.7(89.1/88.4)
supply Oil L/min	305.0(310)	387/456 (309)	309.0(312/310)
Reference oil L/min	309	392/507	\
Efficiency pressure Mpa	12.7(10.4)	11.9/13.4 (12.5)	13.4(10.3/11.3)
Relief valve Adjust pressure Mpa	16.0(13)	15/16.7 (16)	16.7(13/14)
Low speed roll up rotation r/min	41.7(43)	35/41.3 (27.4)	86.7(89.1/88.4)
Middle speed roll up rotation r/min	62.6	52.5/62	\
High speed roll up rotation r/min	125	105/124	178.6(8223)
Roll down limit rotation speed r/min	≤132(≤50)	≤111≤131(≤30)	≤100(≤100/≤175)
Rated load Static skid T(S)	≥20	≥20	≥15
Rated load Hoisting load T(TON)	4.25 (3.3)	7.15/7.15(6.65)	2.10(1.6/1.85)
Displacement L/r	6.741	10.149	3.304
Rated Pressure Mpa	14.7	14.7	14.7
Actual Torque at Rated pressure N*M	14700	22050	7350
Min.Speed r/min	4	4	4
Mechanical efficiency %	96	96	96

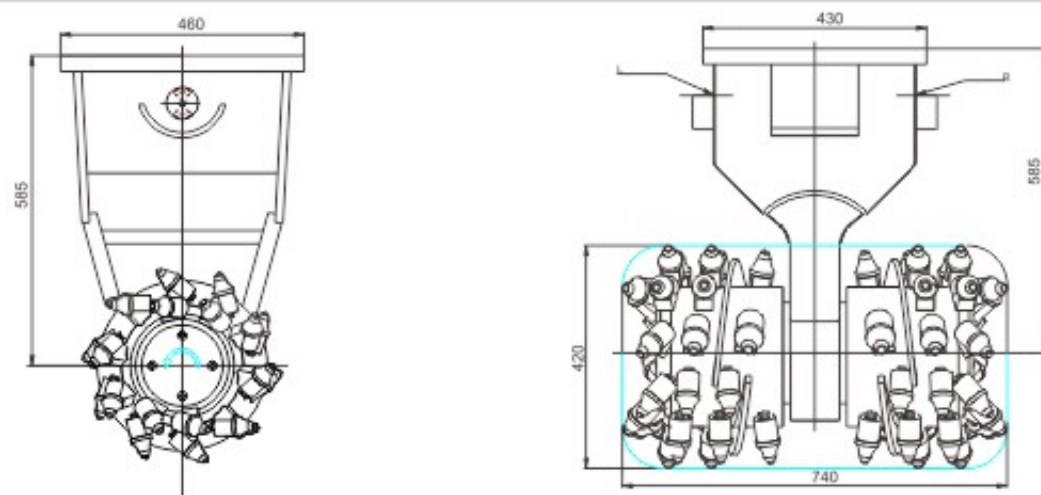
HDC05/HDCE05系列横向铣挖机

HDC05/HDCE05 series Horizontal Drum Cutter



HDC05/HDCE05连接尺寸图

HDC05/HDCE05 Connection Dimension



HDC05/HDCE05系列排量图

HDC05/HDCE05 series displacement diagram

	HDC05					HDCE05			
型号 Code	HDC05-6	HDC05-8	HDC05-0	HDC05-1	HDC05-2	HDCE05-0	HDCE05-1	HDCE05-2	HDCE05-3
排量 Displacement(ml/r)	260	376	468	514	560	625	688	750	820
最大功率 Max.power(KW)	29	29	29	29	29	29	29	29	29
额定压力Rated pressure(MPa)	25	25	25	25	25	25	25	25	25
最高压力Max.pressure(MPa)	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
额定扭矩Rated torque N.m(25MPa)	1033	1495	1860	2043	2225	2485	2735	2983	3260
最大扭矩 Max. torque N.m(31.5MPa)	1168	1689	2109	2313	2520	2812	3100	3380	3685
额定转速Rated.speed(rpm)	160	160	125	125	125	100	100	100	100
最大转速Max.speed(rpm)	265	250	240	220	200	190	175	160	140
齿数 Teeth Number						44			
重量 Weight (Kg)						381			
适用范围 Suitable range	Suitable Excavator 3-16ton								

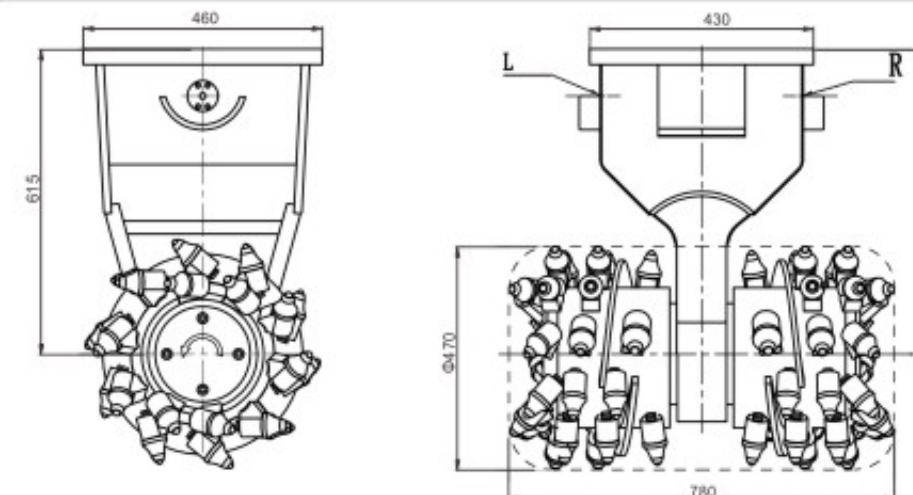
HDC08/HDCE08系列横向铣挖机

HDC08/HDCE08 series Horizontal Drum Cutter



HDC08/HDCE08连接尺寸图

HDC08/HDCE08 Connection Dimension



HDC08/HDCE08系列排量图

HDC08/HDCE08 series displacement diagram

	HDC08						HDCE08		
型号 Code	HDC08-6	HDC08-8	HDC08-9	HDC08-0	HDC08-1	HDC08-2	HDCE08-0	HDCE08-1	HDCE08-2
排量 Displacement(ml/r)	467	627	702	780	857	934	1043	1146	1248
最大功率 Max.power(KW)	41	41	41	41	41	41	41	41	41
额定压力Rated pressure(MPa)	25	25	25	25	25	25	25	25	25
最高压力Max.pressure(MPa)	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
额定扭矩Rated torque N.m(25MPa)	1858	2493	2790	3100	3408	3713	4145	4555	4960
最大扭矩 Max. torque N.m(31.5MPa)	1890	2500	2800	3150	3450	3750	4200	4600	5050
额定转速Rated.speed(rpm)	160	160	125	125	100	100	80	80	80
最大转速Max.speed(rpm)	210	210	185	170	155	140	130	110	105
齿数 Teeth Number	44								
重量 Weight (Kg)	580								
适用范围 Suitable range	Suitable Excavator 12-18ton								

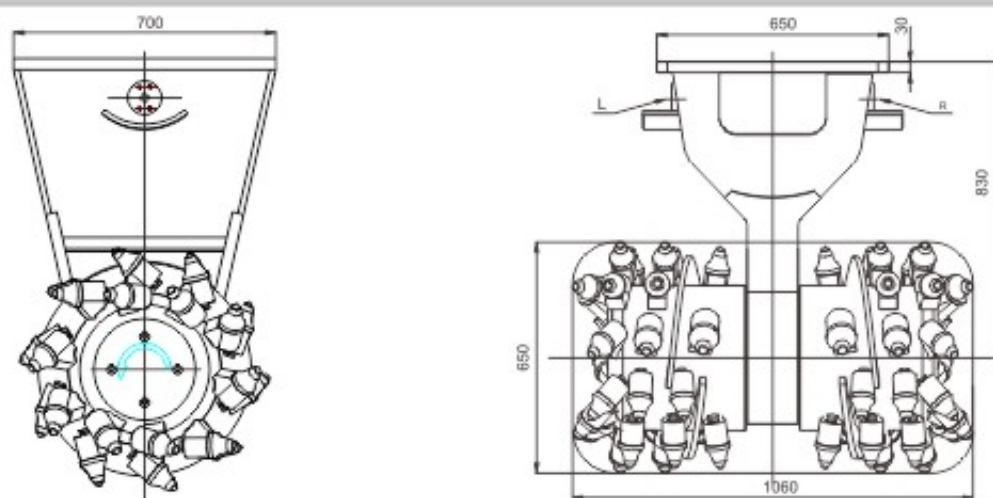
HDC18/HDCE18系列横向铣挖机

HDC18/HDCE18 series Horizontal Drum Cutter



HDC18/HDCE18连接尺寸图

HDC18/HDCE18 Connection Dimension



HDC18/HDCE18系列排量图

HDC18/HDCE18 series displacement diagram

	HDC18						HDCE18		
型号 Code	HDC18-6	HDC18-8	HDC18-9	HDC18-0	HDC18-1	HDC18-2	HDCE18-0	HDCE18-1	HDCE18-2
排量 Displacement(ml/r)	1091	1395	1571	1747	1911	2099	2340	2560	2812
最大功率 Max.power(KW)	70	70	70	70	70	70	70	70	70
额定压力 Rated pressure(MPa)	25	25	25	25	25	25	25	25	25
最高压力 Max.pressure(MPa)	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
额定扭矩 Rated torque N.m(25MPa)	4338	5545	6245	6945	7595	8343	9303	10175	11178
最大扭矩 Max. torque N.m(31.5MPa)	4910	6280	7076	7869	8594	9457	10546	11539	12675
额定转速 Rated speed(rpm)	100	100	100	80	80	80	63	63	50
最大转速 Max.speed(rpm)	170	155	140	125	115	100	90	85	75
齿数 Teeth Number	48								
重量 Weight (Kg)	1370								
适用范围 Suitable range	Suitable Excavator 18-30ton								

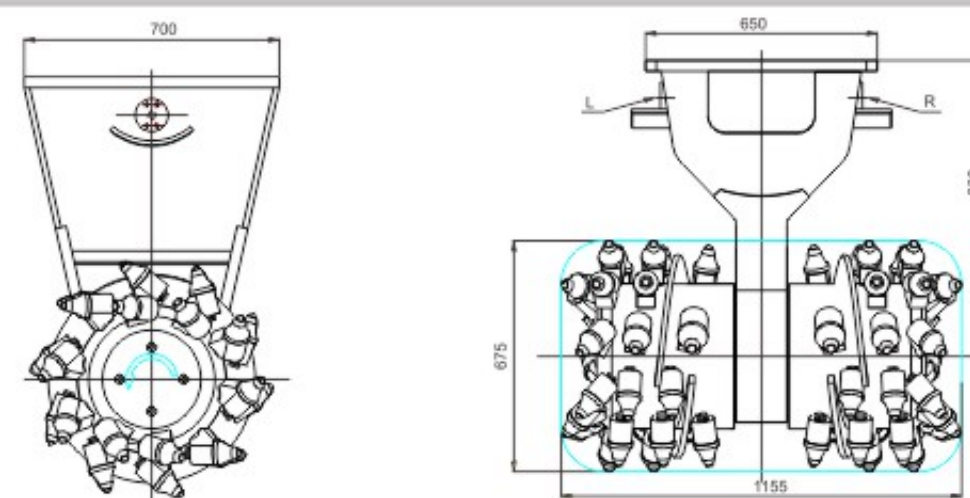
HDC35系列横向铣挖机

HDC35 series Horizontal Drum Cutter



HDC35连接尺寸图

HDC35 Connection Dimension



HDC35系列排量图

HDC35 series displacement diagram

	HDC35				
型号 Code	HDC35-7	HDC35-9	HDC35-0	HDC35-1	HDC35-2
排量 Displacement(ml/r)	2439	3143	3494	3843	4198
最大功率 Max.power(KW)	110	110	110	110	110
额定压力 Rated pressure(MPa)	25	25	25	25	25
最高压力 Max.pressure(MPa)	31.5	31.5	31.5	31.5	31.5
额定扭矩 Rated torque N.m(25MPa)	9695	12493	13888	13740	16688
最大扭矩 Max. torque N.m(31.5MPa)	10900	14100	15740	17300	18900
额定转速 Rated speed(rpm)	100	80	63	63	63
最大转速 Max.speed(rpm)	140	140	130	120	110
齿数 Teeth Number	48				
重量 Weight (Kg)	1400				
适用范围 Suitable range	Suitable Excavator 25-40ton				

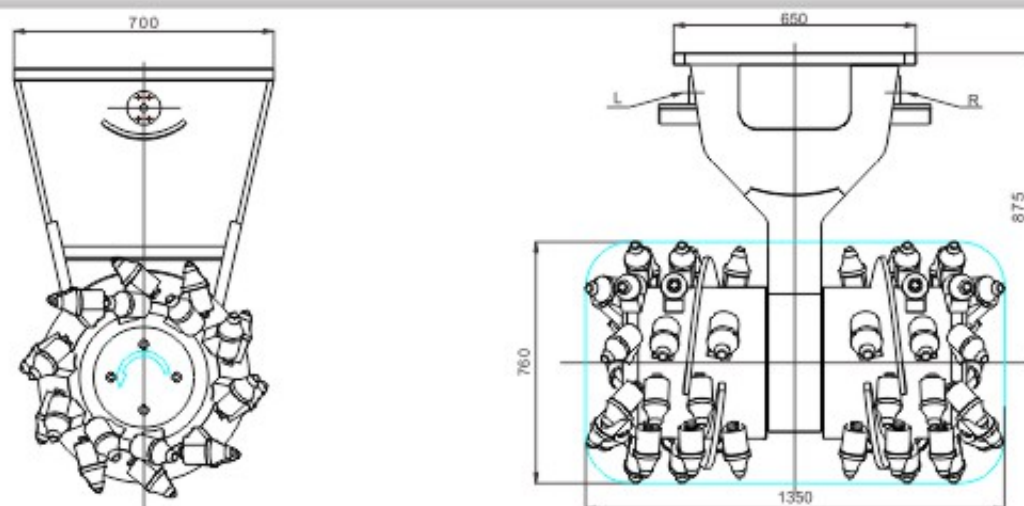
HDC50系列横向铣挖机

HDC50 series Horizontal Drum Cutter



HDC50连接尺寸图

HDC50 Connection Dimension



HDC50系列排量图

HDC50 series displacement diagram

	HDC50			
型号 Code	HDC50-7	HDC50-8	HDC50-0	HDC50-1
排量 Displacement(ml/r)	3500	4008	4997	6011
最大功率 Max.power(KW)	140	140	140	140
额定压力 Rated pressure(MPa)	25	25	25	25
最高压力 Max.pressure(MPa)	31.5	31.5	31.5	31.5
额定扭矩 Rated torque N.m(25MPa)	13913	15933	19863	23893
最大扭矩 Max. torque N.m(31.5MPa)	15760	18000	22500	27000
额定转速 Rated.speed(rpm)	80	80	63	50
最大转速 Max.speed(rpm)	148	138	111	92
齿数 Teeth Number	56			
重量 Weight (Kg)	1800			
适用范围 Suitable range	Suitable Excavator 35-60ton			

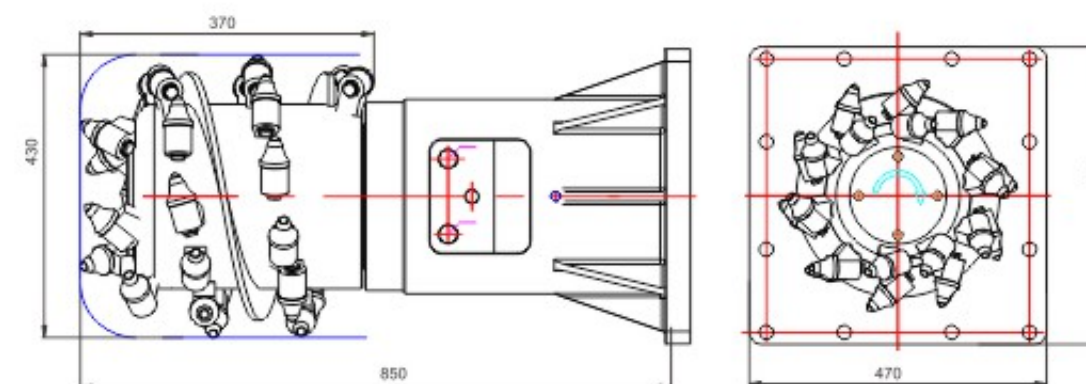
HTC08/HTCE08系列纵向铣挖机

HTC08/HTCE08 series Vertical Drum Cutter



HTC08/HTCE08连接尺寸图

HTC08/HTCE08 Connection Dimension



HTC08/HTCE08系列排量图

HTC08/HTCE08 series displacement diagram

	HTC08						HTCE08		
型号 Code	HTC08-6	HTC08-8	HTC08-9	HTC08-0	HTC08-1	HTC08-2	HTCE08-0	HTCE08-1	HTCE08-2
排量 Displacement(ml/r)	467	627	702	780	857	934	1043	1146	1248
最大功率 Max.power(KW)	41	41	41	41	41	41	41	41	41
额定压力 Rated pressure(MPa)	25	25	25	25	25	25	25	25	25
最高压力 Max.pressure(MPa)	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
额定扭矩 Rated torque N.m(25MPa)	1858	2493	2790	3100	3408	3713	4145	4555	4960
最大扭矩 Max. torque N.m(31.5MPa)	2105	2820	3160	3510	3860	4210	4700	5160	5620
额定转速 Rated.speed(rpm)	160	160	125	125	100	100	80	80	80
最大转速 Max.speed(rpm)	0-210	0-210	0-185	0-170	0-155	0-140	0-130	0-110	0-105
齿数 Teeth Number	28						28		
重量 Weight (Kg)	210						210		
适用范围 Suitable range	Suitable Excavator 2.5-6ton						Suitable Excavator 2.5-6ton		

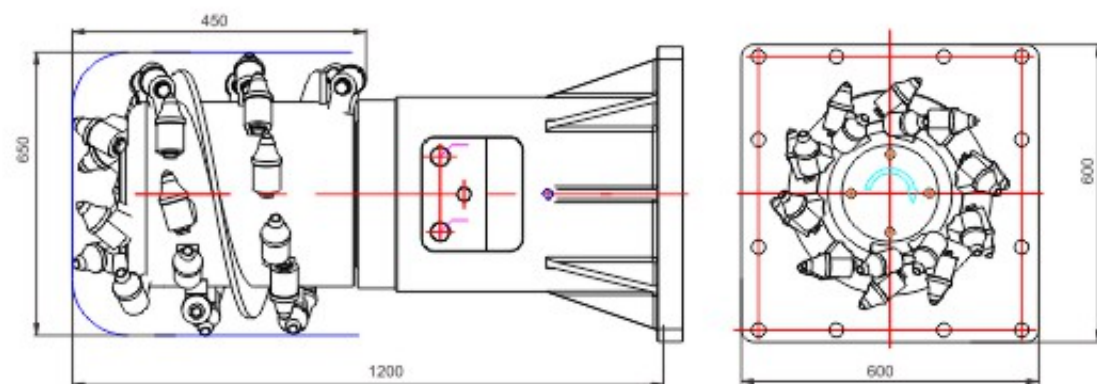
HTC18/HTCE18系列纵向铣挖机

HTC18/HTCE18 series Vertical Drum Cutter



HTC18/HTCE18连接尺寸图

HTC18/HTCE18 Connection Dimension



HTC18/HTCE18系列排量图

HTC18/HTCE18 series displacement diagram

	HTC18						HTCE18		
型号 Code	HTC18-6	HTC18-8	HTC18-9	HTC18-0	HTC18-1	HTC18-2	HTCE18-0	HTCE18-1	HTCE18-2
排量 Displacement(ml/r)	1091	1395	1571	1747	1911	2099	2340	2560	2812
最大功率 Max.power(KW)	70	70	70	70	70	70	70	70	70
额定压力Rated pressure(MPa)	25	25	25	25	25	25	25	25	25
最高压力Max.pressure(MPa)	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
额定扭矩Rated torque N.m(25MPa)	4338	5545	6245	6945	7595	8343	9303	10175	11178
最大扭矩 Max. torque N.m(31.5MPa)	4910	6280	7076	7869	8594	9457	10546	11539	12733
额定转速Rated.speed(rpm)	100	100	100	80	80	80	63	63	50
最大转速Max.speed(rpm)	170	155	140	125	115	100	90	85	75
齿数 Teeth Number	32								
重量 Weight (Kg)	750								
适用范围 Suitable range	Suitable Excavator 8-15ton								

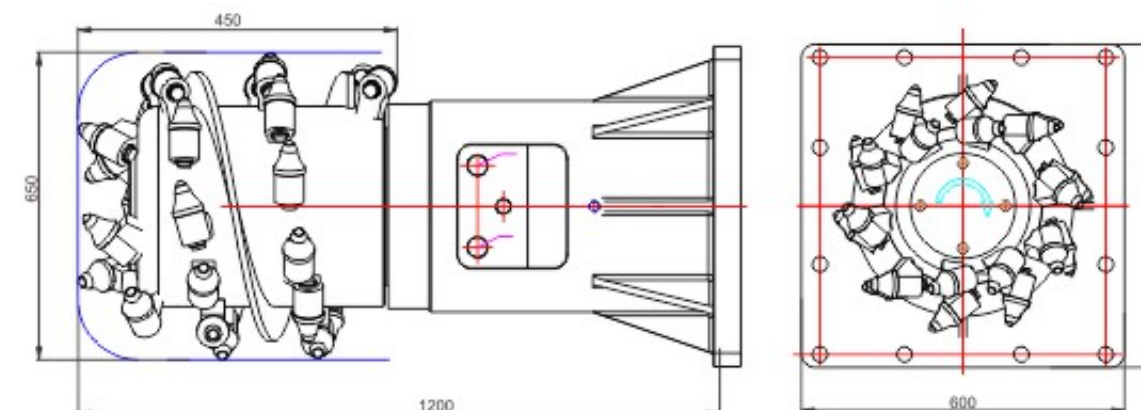
HTC35系列纵向铣挖机

HTC35 series Vertical Drum Cutter



HTC35连接尺寸图

HTC35 Connection Dimension



HTC35系列排量图

HTC35 series displacement diagram

	HTC35				
型号 Code	HTC35-7	HTC35-9	HTC35-0	HTC35-1	HTC35-2
排量 Displacement(ml/r)	2439	3143	3494	3843	4198
最大功率 Max.power(KW)	110	110	110	110	110
额定压力 Rated pressure(MPa)	25	25	25	25	25
最高压力 Max.pressure(MPa)	31.5	31.5	31.5	31.5	31.5
额定扭矩 Rated torque N.m(25MPa)	9695	12493	13888	15240	16688
最大扭矩 Max. torque N.m(31.5MPa)	10900	14100	15740	17300	18900
额定转速 Rated speed(rpm)	100	80	63	63	63
最大转速 Max.speed(rpm)	140	140	130	120	110
齿数 Teeth Number	32				
重量 Weight (Kg)	750				
适用范围 Suitable range	Suitable Excavator 18-30ton				

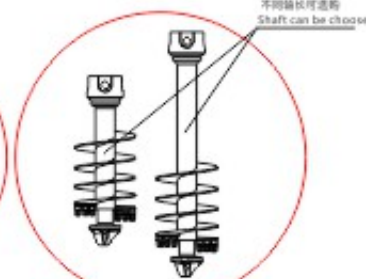
HF08/HFE08系列螺旋钻机

HF08/HFE08 series Auger Drill



HF08/HFE08连接尺寸图

HF08/HFE08 Connection Dimension



HF08/HFE08系列排量图

HF08/HFE08 series displacement diagram

型号 Code	HF08		HFE08	
	HF08-0	HF08-2	HFE08-0	HFE08-2
排量 Displacement(ml/r)	780	934	1043	1248
最大功率 Max.power(KW)	41	41	41	41
额定压力 Rated pressure(MPa)	25	25	25	25
最高压力 Max.pressure(MPa)	31.5	31.5	31.5	31.5
额定扭矩 Rated torque N.m(25MPa)	3100	3713	4145	4960
最大扭矩 Max. torque N.m(31.5MPa)	3510	4210	4700	5620
额定转速 Rated speed(rpm)	125	100	80	80
最大转速 Max.speed(rpm)	0-170	0-140	0-130	0-105
产品高度 Height (mm)	810			
马达油口尺寸 Motor oil port size	1/2"BSP			
输出轴 Output shaft	75 mm SQ			

普通地质钻杆及加长杆 General geology drill rod and extension rod			
钻杆直径 (mm) Drill rod Dia.	钻孔深度 (米) Drill hole depth (M)		
	松地质 Lasse geology	中等地质 Medium geology	硬地质 Hard rock geology
100-600	4.5	4.2	3.5
650	3.2	3.7	3.3
700	3.0	2.8	2.5
750	2.6	2.4	2.1
800	2.0	1.8	1.7
850	1.7	1.6	1.4
900	1.5	1.3	1.2
钻杆长度 (米) Drill rod length (M)	1.5		

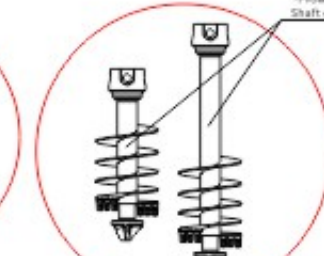
HF18/HFE18系列螺旋钻机

HF18/HFE18 series Auger Drill



HF18/HFE18连接尺寸图

HF18/HFE18 Connection Dimension



HF18/HFE18系列排量图

HF18/HFE18 series displacement diagram

型号 Code	HF18		HFE18	
	HF18-0	HF18-2	HFE18-0	HFE18-2
排量 Displacement(ml/r)	1747	2099	2340	2812
最大功率 Max.power(KW)	70	70	70	70
额定压力 Rated pressure(MPa)	25	25	25	25
最高压力 Max.pressure(MPa)	31.5	31.5	31.5	31.5
额定扭矩 Rated torque N.m(25MPa)	6945	8343	9503	11178
最大扭矩 Max. torque N.m(31.5MPa)	7869	9457	10546	12675
额定转速 Rated speed(rpm)	80	80	63	63
最大转速 Max.speed(rpm)	125	100	90	75
产品高度 Height (mm)	930			
马达油口尺寸 Motor oil port size	3/4"BSP Or 1-1/4" BSP			
输出轴 Output shaft	110 mm SQ			

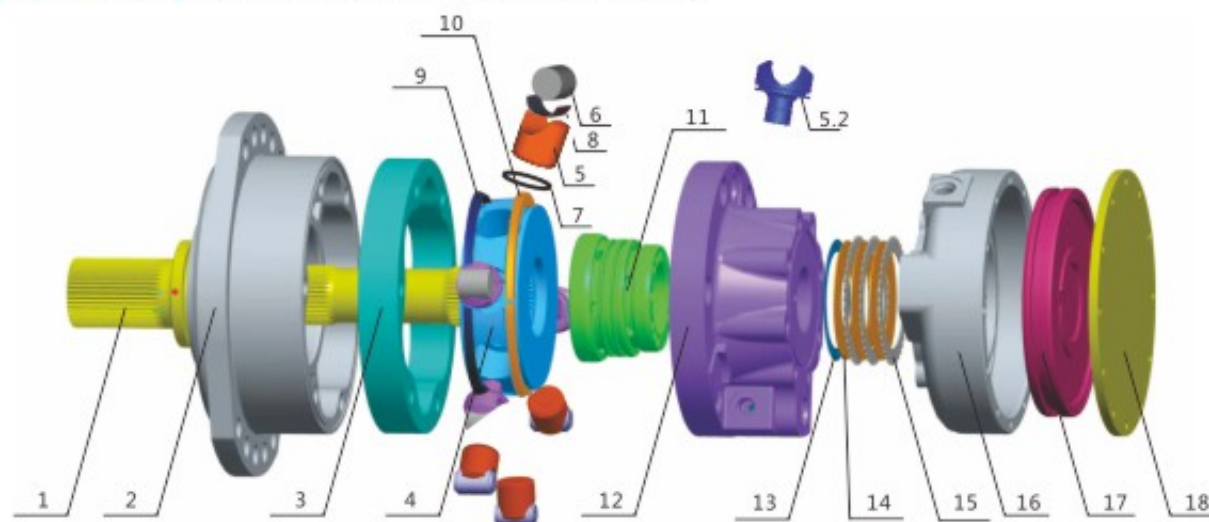
普通地质钻杆及加长杆 General geology drill rod and extension rod			
钻杆直径 (mm) Drill rod Dia.	钻孔深度 (米) Drill hole depth (M)		
	松地质 Lasse geology	中等地质 Medium geology	硬地质 Hard rock geology
100-500	6.5	5.5	5
550	4.5	4.5	3.5
600	4.0	3.7	3.5
650	4.0	3.7	3.5
700	4.0	3.7	3.2
750	3.6	3.5	3.0
800	3.0	2.8	2.4
850	2.7	2.6	2.4
900	2.5	2.2	2.0
钻杆长度 (米) Drill rod length (M)	1.75		

HMCRO3/HMCRE03 液压马达系列零配件

HMCRO3/HMCRE03 Hydraulic Motor Parts



产品详细介绍 (Products are introduced in detail):



HMCRO3/HMCRE03 系列零件名称表

HMCRO3/HMCRE03 series parts list

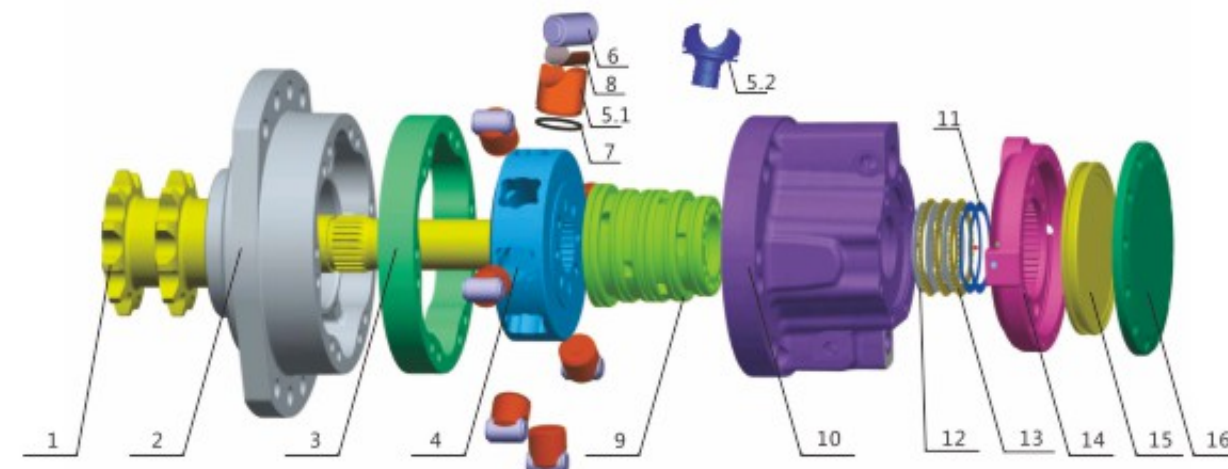
序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)	序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)
1	传动轴 DRIVE SHAFT	1		10	弹性挡圈 CLIP RING	2	
2	前盖 FRONT COVER	1		11	配流轴 DISTRIBUTOR	1	
3	定子 STATOR	1		12	后盖 REAR COVER	1	
4	转子 ROTOR	1		13	调节垫片 ADJUSTING SHIM	2	
5.1	柱塞 PLUNGER PISTON	8	HMCRO3	14	动摩擦片 DYNAMIC FRICTION	13	
5.2	柱塞 PLUNGER PISTON	8	HMCRE03	15	静摩擦片 STATIC FRICTION	15	
6	滚子 ROLLER	8		16	制动缸 BRAKE CYLINDER	1	
7	活塞环 PISTON RING	8		17	制动活塞 BRAKE PLUNGER	1	
8	无油轴承 BUSHING	8		18	制动缸盖 COVER PLATE	1	
9	挡环 BAFFLE RING	2					

HMCRO5/HMCRE05 液压马达系列零配件

HMCRO5/HMCRE05 Hydraulic Motor Parts



产品详细介绍 (Products are introduced in detail):



HMCRO5/HMCRE05 系列零件名称表

HMCRO5/HMCRE05 series parts list

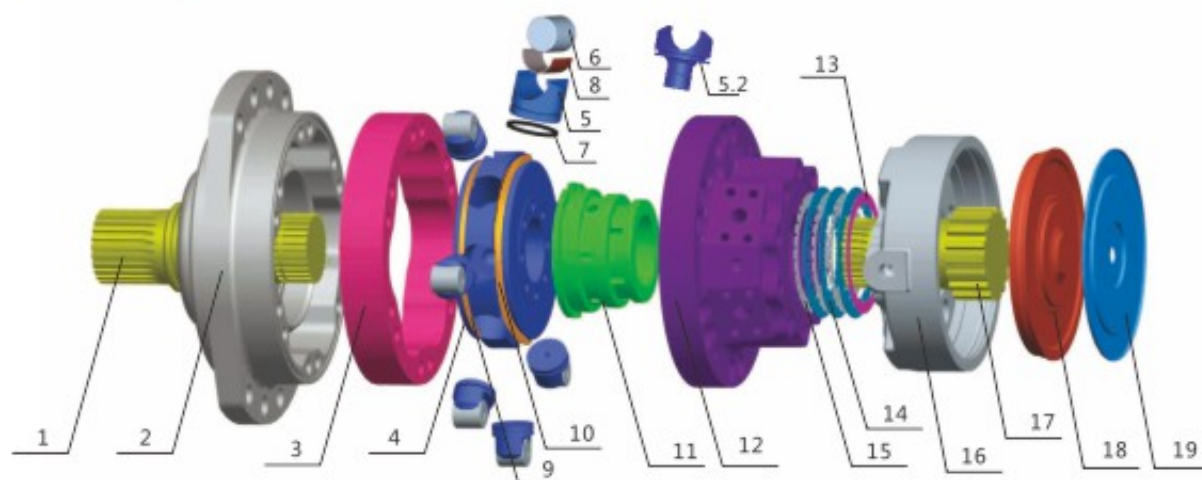
序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)	序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)
1	传动轴 DRIVE SHAFT	1		9	配流轴 DISTRIBUTOR	1	
2	前盖 FRONT COVER	1		10	后盖 REAR COVER	1	
3	定子 STATOR	1		11	调节垫片 ADJUSTING SHIM	2	
4	转子 ROTOR	1		12	动摩擦片 DYNAMIC FRICTION	13	
5.1	柱塞 PLUNGER PISTON	8	HMCRO5	13	静摩擦片 STATIC FRICTION	15	
5.2	柱塞 PLUNGER PISTON	8	HMCRE05	14	制动缸 BRAKE CYLINDER	1	
6	滚子 ROLLER	8		15	制动活塞 BRAKE PLUNGER	1	
7	活塞环 PISTON RING	8		16	制动缸盖 COVER PLATE	1	
8	无油轴承 BUSHING	8					

HMC10/HMCRE10 液压马达系列零配件

HMC10/HMCRE10 Hydraulic Motor Parts



产品详细介绍 (Products are introduced in detail):



HMC10/HMCRE10 系列零件名称表

HMC10/HMCRE10 series parts list

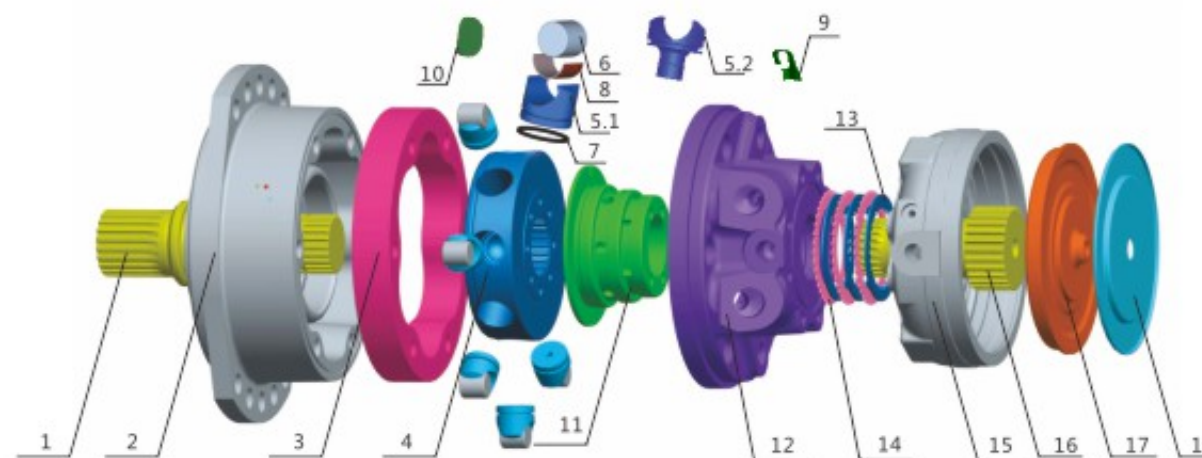
序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)	序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)
1	传动轴 DRIVE SHAFT	1		11	配流轴 DISTRIBUTOR	1	
2	前盖 FRONT COVER	1		12	后盖 REAR COVER	1	
3	定子 STATOR	1		13	调节垫片 ADJUSTING SHIM	1	
4	转子 ROTOR	1	HMS10	14	动摩擦片 DYNAMIC FRICTION	14	
5	柱塞 PLUNGER PISTON	10	HMSE10	15	静摩擦片 STATIC FRICTION	15	
6	滚子 ROLLER	10		16	制动缸 BRAKE CYLINDER	1	
7	活塞环 PISTON RING	10		17	制动轴 BRAKE SHAFT	1	
8	无油轴承 BUSHING	10		18	制动活塞 BRAKE PLUNGER	1	
9	挡环 BAFFLE RING	2		19	制动缸盖 COVER PLATE	1	
10	弹性挡圈 CLIP RING	2					

HMS02/HMSE02 液压马达系列零配件

HMS02/HMSE02 Hydraulic Motor Parts



产品详细介绍 (Products are introduced in detail):



HMS02/HMSE02 系列零件名称表

HMS02/HMSE02 series parts list

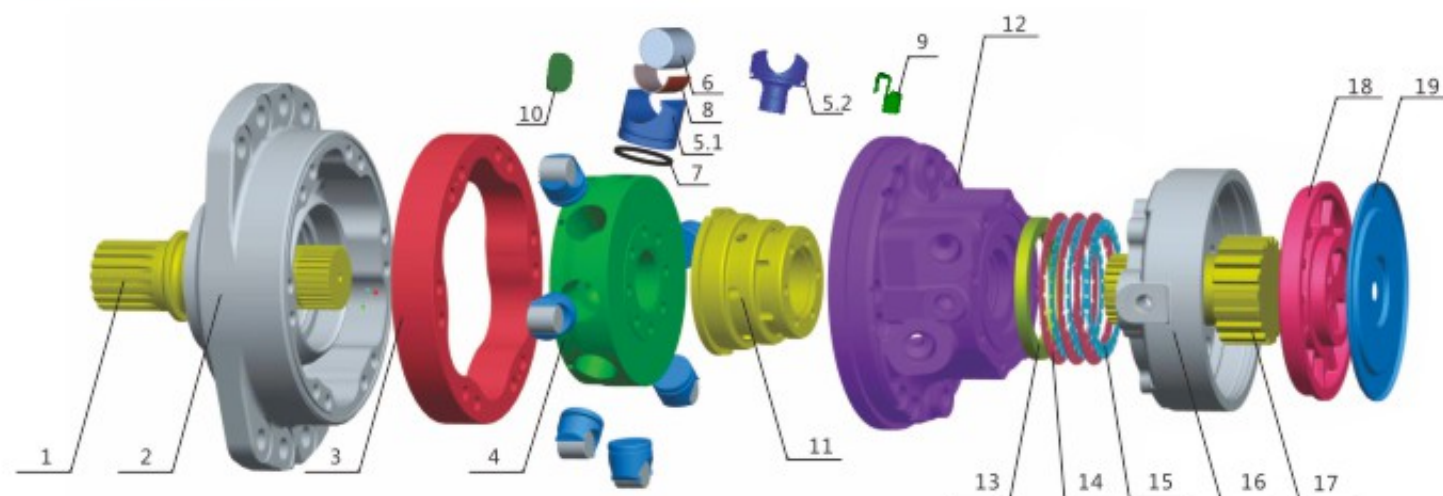
序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)	序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)
1	传动轴 DRIVE SHAFT	1		10	柱塞挡板 PLASTIC BLOCK	16	
2	前盖 FRONT COVER	1		11	配流轴 DISTRIBUTOR	1	
3	定子 STATOR	1		12	后盖 REAR COVER	1	
4	转子 ROTOR	1		13	动摩擦片 DYNAMIC FRICTION	10	
5.1	柱塞 PLUNGER PISTON	8	HMS02	14	静摩擦片 STATIC FRICTION	10	
5.2	柱塞 PLUNGER PISTON	8	HMSE02	15	制动缸 BRAKE CYLINDER	1	
6	滚子 ROLLER	8		16	制动轴 BRAKE SHAFT	1	
7	活塞环 PISTON RING	8		17	制动活塞 BRAKE PLUNGER	1	
8	无油轴承 BUSHING	8		18	制动缸盖 COVER PLATE	1	
9	弹簧销 SPRING PIN	8					

HMS05/HMSE05液压马达系列零配件

HMS05/HMSE05 Hydraulic Motor Parts



产品详细介绍 (Products are introduced in detail):



HMS05/HMSE05系列零件名称表

HMS05/HMSE05 series parts list

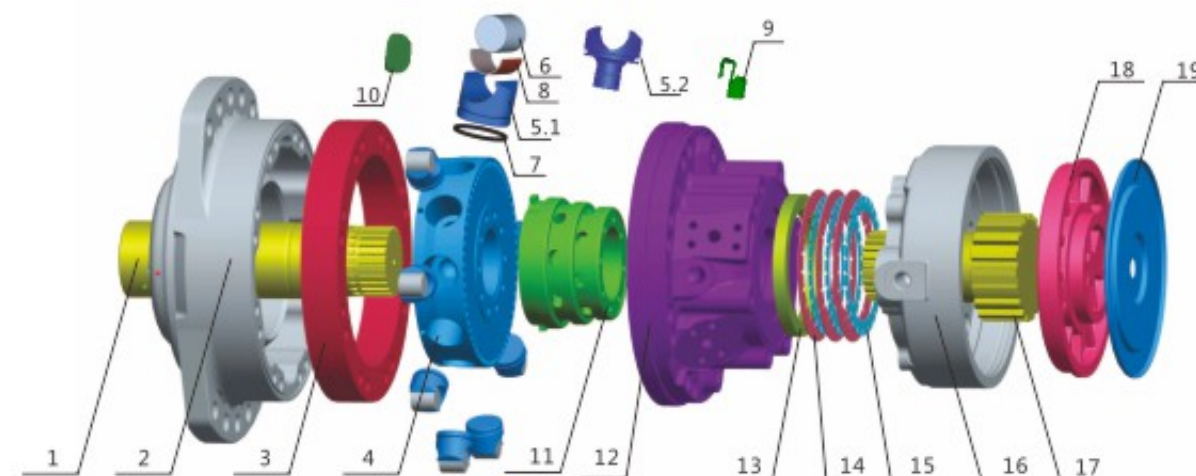
序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)	序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)
1	传动轴 DRIVE SHAFT	1		10	柱塞挡块 PLASTIC BLOCK	16	
2	前盖 FRONT COVER	1		11	配流轴 DISTRIBUTOR	1	
3	定子 STATOR	1		12	后盖 REAR COVER	1	
4	转子 ROTOR	1		13	调节垫片 ADJUSTING SHIM	1	
5.1	柱塞 PLUNGER PISTON	8	HMS05	14	动摩擦片 DYNAMIC FRICTION	14	
5.2	柱塞 PLUNGER PISTON	8	HMSE05	15	静摩擦片 STATIC FRICTION	15	
6	滚子 ROLLER	8		16	制动缸 BRAKE CYLINDER	1	
7	活塞环 PISTON RING	8		17	制动轴 BRAKE SHAFT	1	
8	无油轴承 BUSHING	8		18	制动活塞 BRAKE PLUNGER	1	
9	弹簧销 SPRING	8		19	制动缸盖 COVER PLATE	1	

HMS08/HMSE08液压马达系列零配件

HMS08/HMSE08 Hydraulic Motor Parts



产品详细介绍 (Products are introduced in detail):



HMS08/HMSE08系列零件名称表

HMS08/HMSE08 series parts list

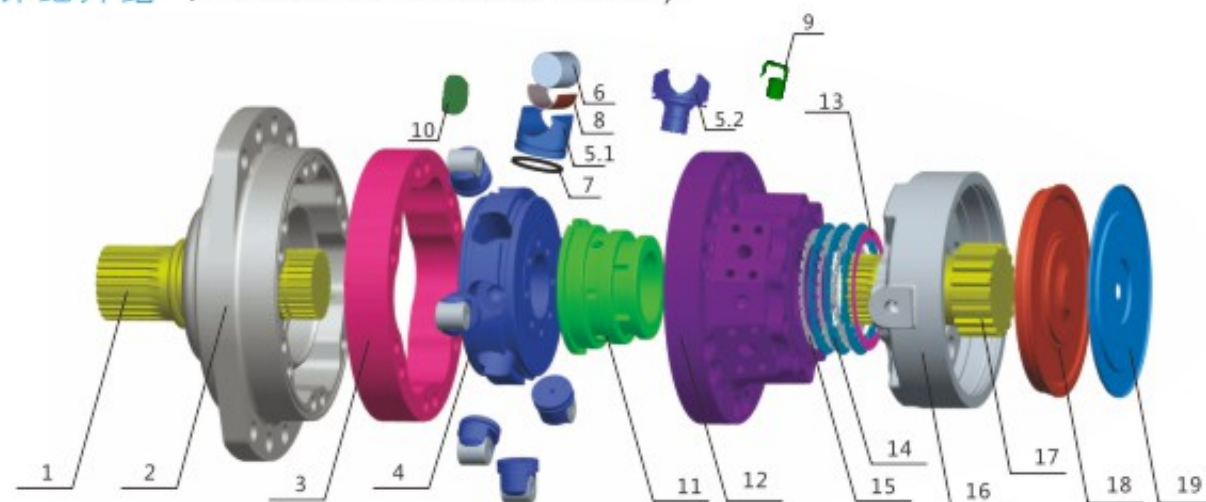
序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)	序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)
1	传动轴 DRIVE SHAFT	1		10	柱塞挡块 PLASTIC BLOCK	20	
2	前盖 FRONT COVER	1		11	配流轴 DISTRIBUTOR	1	
3	定子 STATOR	1		12	后盖 REAR COVER	1	
4	转子 ROTOR	1		13	调节垫片 ADJUSTING SHIM	1	
5.1	柱塞 PLUNGER PISTON	10	HMS08	14	动摩擦片 DYNAMIC FRICTION	14	
5.2	柱塞 PLUNGER PISTON	10	HMSE08	15	静摩擦片 STATIC FRICTION	15	
6	滚子 ROLLER	10		16	制动缸 BRAKE CYLINDER	1	
7	活塞环 PISTON RING	10		17	制动轴 BRAKE SHAFT	1	
8	无油轴承 BUSHING	10		18	制动活塞 BRAKE PLUNGER	1	
9	弹簧销 SPRING PIN	10		19	制动缸盖 COVER PLATE	1	

HMS11/HMSE11液压马达系列零配件

HMS11/HMSE11 Hydraulic Motor Parts



产品详细介绍 (Products are introduced in detail):



HMS11/HMSE11系列零件名称表

HMS11/HMSE11 series parts list

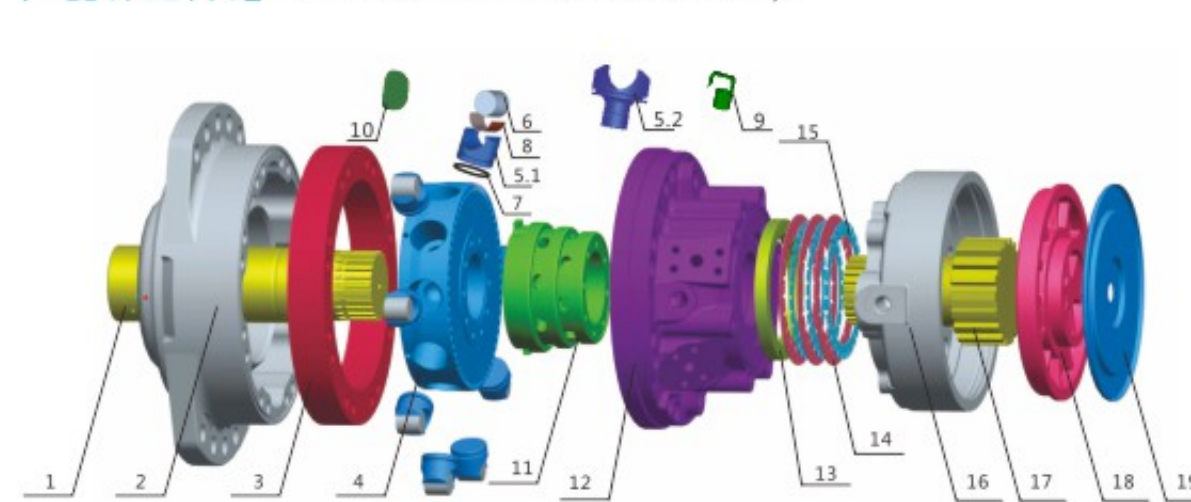
序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)	序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)
1	传动轴 DRIVE SHAFT	1		10	柱塞挡板 PLASTIC BLOCK	16	
2	前盖 FRONT COVER	1		11	配流轴 DISTRIBUTOR	1	
3	定子 STATOR	1		12	后盖 REAR COVER	1	
4	转子 ROTOR	1		13	调节垫片 ADJUSTING SHIM	1	
5.1	柱塞 PLUNGER PISTON	8	HMS11	14	动摩擦片 DYNAMIC FRICTION	19	
5.2	柱塞 PLUNGER PISTON	8	HMSE11	15	静摩擦片 STATIC FRICTION	19	
6	滚子 ROLLER	8		16	制动缸 BRAKE CYLINDER	1	
7	活塞环 PISTON RING	8		17	制动轴 BRAKE SHAFT	1	
8	无油轴承 BUSHING	8		18	制动活塞 BRAKE PLUNGER	1	
9	弹簧销 SPRING PIN	8		19	制动缸盖 COVER PLATE	1	

HMS18/HMSE18液压马达系列零配件

HMS18/HMSE18 Hydraulic Motor Parts



产品详细介绍 (Products are introduced in detail):



HMS18/HMSE18系列零件名称表

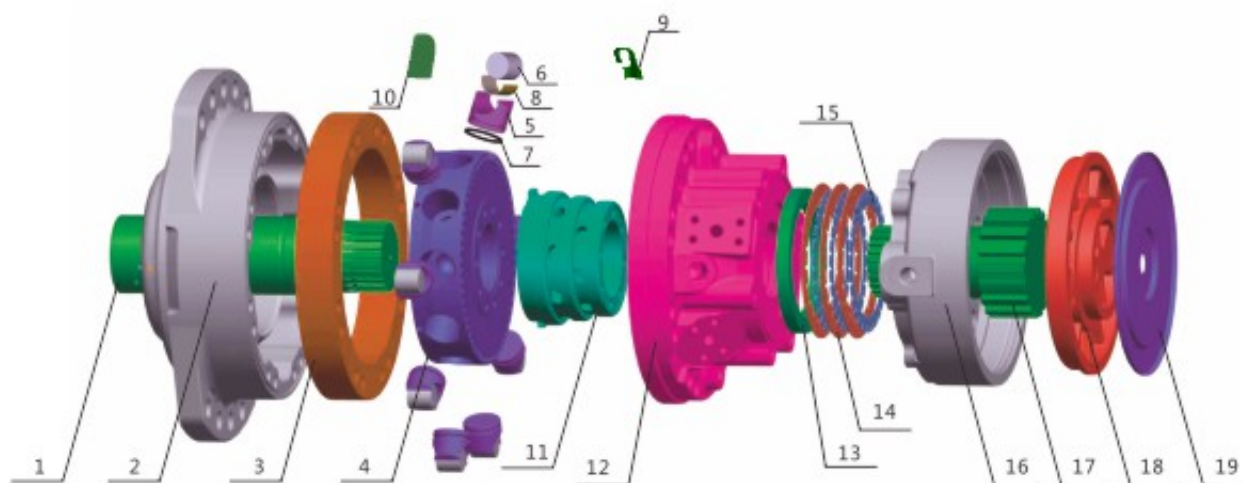
HMS18/HMSE18 series parts list

序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)	序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)
1	传动轴 DRIVE SHAFT	1		10	柱塞挡板 PLASTIC BLOCK	20	
2	前盖 FRONT COVER	1		11	配流轴 DISTRIBUTOR	1	
3	定子 STATOR	1		12	后盖 REAR COVER	1	
4	转子 ROTOR	1		13	调节垫片 ADJUSTING SHIM	1	
5.1	柱塞 PLUNGER PISTON	10	HMS18	14	动摩擦片 DYNAMIC FRICTION	19	
5.2	柱塞 PLUNGER PISTON	10	HMSE18	15	静摩擦片 STATIC FRICTION	19	
6	滚子 ROLLER	10		16	制动缸 BRAKE CYLINDER	1	
7	活塞环 PISTON RING	10		17	制动轴 BRAKE SHAFT	1	
8	无油轴承 BUSHING	10		18	制动活塞 BRAKE PLUNGER	1	
9	弹簧销 SPRING PIN	10		19	制动缸盖 COVER PLATE	1	

HMS25液压马达系列零配件 HMS25 Hydraulic Motor Parts



产品详细介绍 (Products are introduced in detail):



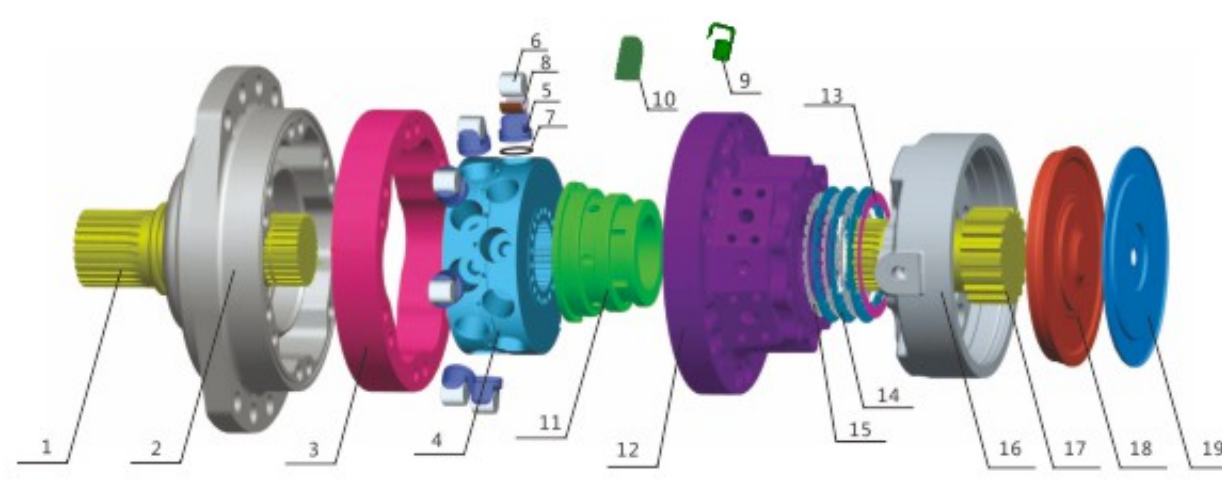
HMS25系列零件名称表 HMS25 series parts list

序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)	序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)
1	传动轴 DRIVE SHAFT	1		11	配流轴 DISTRIBUTOR	1	
2	前盖 FRONT COVER	1		12	后盖 REAR COVER	1	
3	定子 STATOR	1		13	调节垫片 ADJUSTING SHIM	1	
4	转子 ROTOR	1		14	动摩擦片 DYNAMIC FRICTION	18	
5	柱塞 PLUNGER PISTON	8		15	静摩擦片 STATIC FRICTION	20	
6	滚子 ROLLER	8		16	制动缸 BRAKE CYLINDER	1	
7	活塞环 PISTON RING	8		17	制动轴 BRAKE SHAFT	1	
8	无油轴承 BUSHING	8		18	制动活塞 BRAKE PLUNGER	1	
9	弹簧销 SPRING PIN	8		19	制动缸盖 COVER PLATE	1	
10	柱塞挡板 PLASTIC BLOCK	16					

HMS35液压马达系列零配件 HMS35 Hydraulic Motor Parts



产品详细介绍 (Products are introduced in detail):



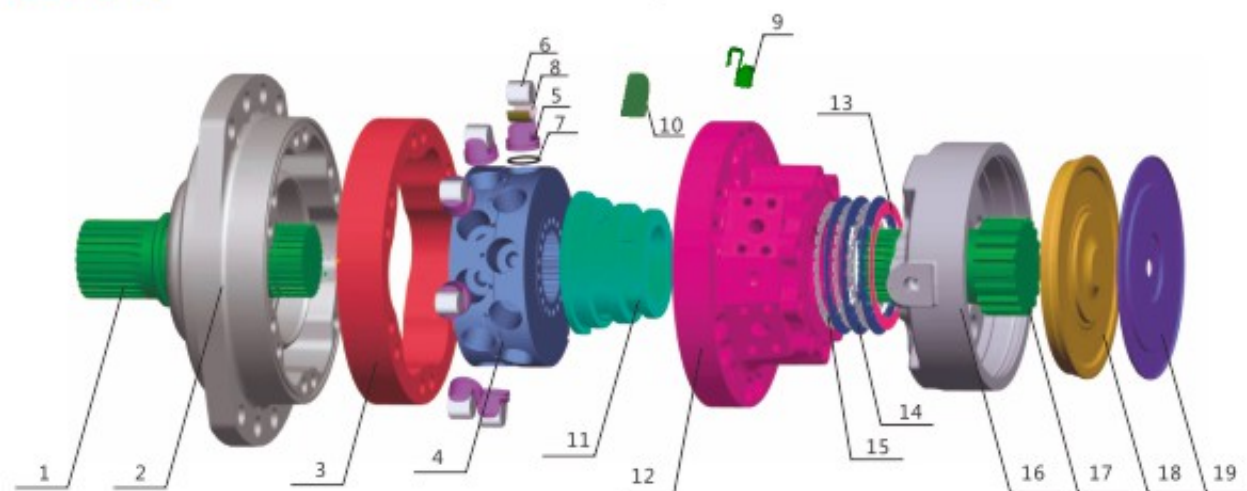
HMS35系列零件名称表 HMS35 series parts list

序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)	序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)
1	传动轴 DRIVE SHAFT	1		11	配流轴 DISTRIBUTOR	1	
2	前盖 FRONT COVER	1		12	后盖 REAR COVER	1	
3	定子 STATOR	1		13	调节垫片 ADJUSTING SHIM	1	
4	转子 ROTOR	1		14	动摩擦片 DYNAMIC FRICTION	18	
5	柱塞 PLUNGER PISTON	20		15	静摩擦片 STATIC FRICTION	20	
6	滚子 ROLLER	20		16	制动缸 BRAKE CYLINDER	1	
7	活塞环 PISTON RING	20		17	制动轴 BRAKE SHAFT	1	
8	无油轴承 BUSHING	20		18	制动活塞 BRAKE PLUNGER	1	
9	弹簧销 SPRING PIN	20		19	制动缸盖 COVER PLATE	1	
10	柱塞挡板 PLASTIC BLOCK	40					

HMS50 液压马达系列零配件 HMS50 Hydraulic Motor Parts



产品详细介绍 (Products are introduced in detail):



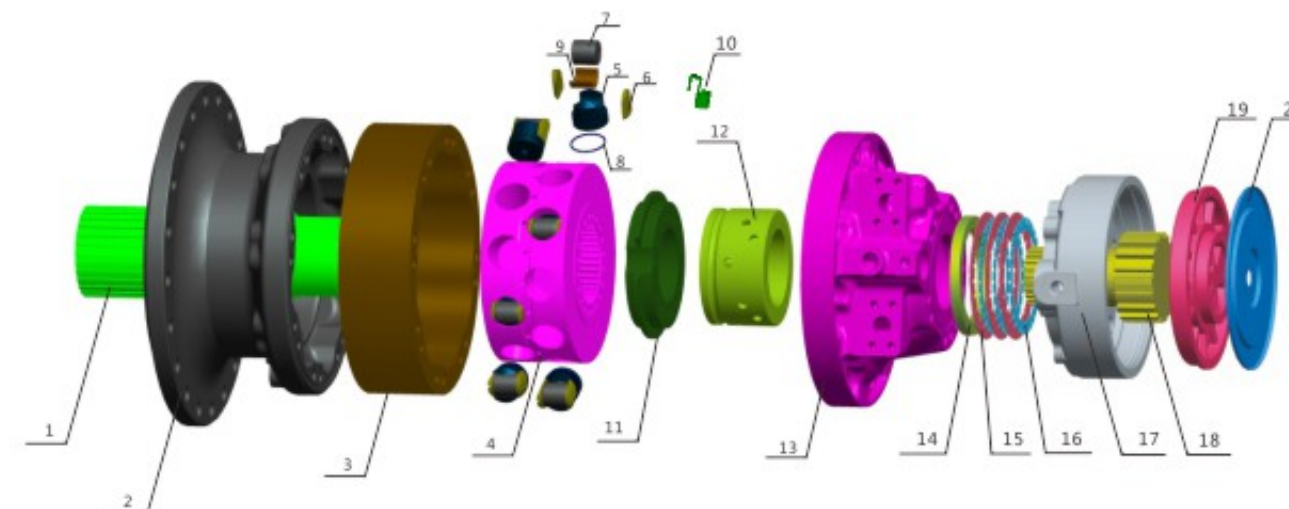
HMS50 系列零件名称表 HMS50 series parts list

序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)	序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)
1	传动轴 DRIVE SHAFT	1		11	配流轴 DISTRIBUTOR	1	
2	前盖 FRONT COVER	1		12	后盖 REAR COVER	1	
3	定子 STATOR	1		13	调节垫片 ADJUSTING SHIM	1	
4	转子 ROTOR	1		14	动摩擦片 DYNAMIC FRICTION	21	
5	柱塞 PLUNGER PISTON	16		15	静摩擦片 STATIC FRICTION	22	
6	滚子 ROLLER	16		16	制动缸 BRAKE CYLINDER	1	
7	活塞环 PISTON RING	16		17	制动轴 BRAKE SHAFT	1	
8	无油轴承 BUSHING	16		18	制动活塞 BRAKE PLUNGER	1	
9	弹簧销 SPRING PIN	16		19	制动缸盖 COVER PLATE	1	
10	柱塞挡板 PLASTIC BLOCK	32					

HMS83 液压马达系列零配件 HMS83 Hydraulic Motor Parts



产品详细介绍 (Products are introduced in detail):



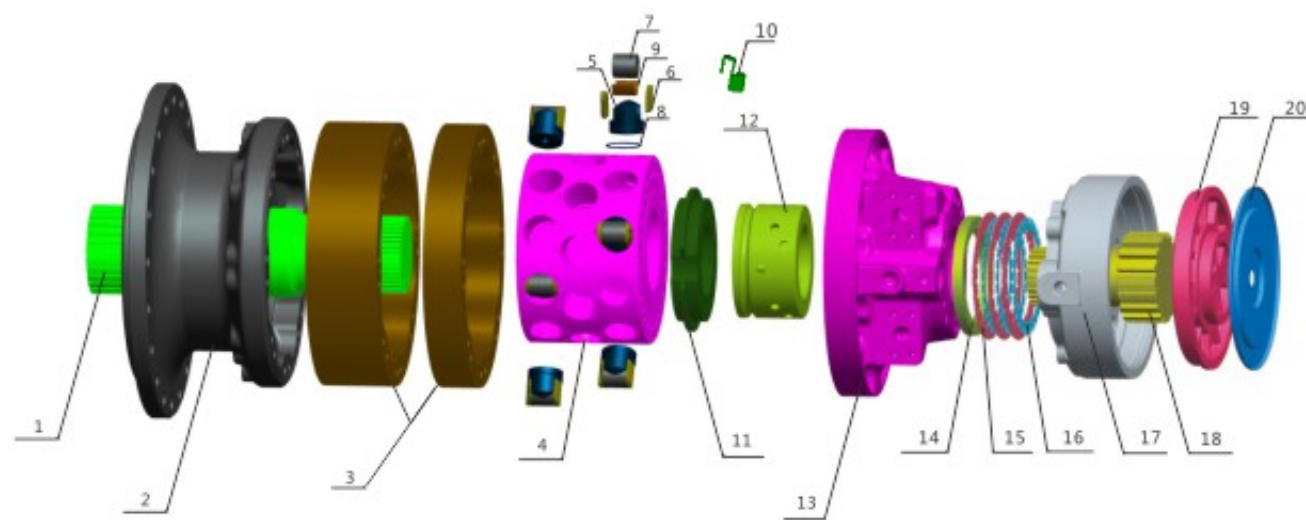
HMS83 系列零件名称表 HMS83 series parts list

序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)	序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)
1	传动轴 DRIVE SHAFT	1		11	配流盘 VALVE PLATE	1	
2	前盖 FRONT COVER	1		12	配流轴 DISTRIBUTOR	1	
3	定子 STATOR	1		13	后盖 REAR COVER	1	
4	转子 ROTOR	1		14	调节垫片 ADJUSTING SHIM	1	
5	柱塞 PLUNGER PISTON	8		15	动摩擦片 DYNAMIC FRICTION	14	
6	柱塞挡板 PLASTIC BLOCK	16		16	静摩擦片 STATIC FRICTION	15	
7	滚子 ROLLER	8		17	制动缸 BRAKE CYLINDER	1	
8	活塞环 PISTON RING	8		18	制动轴 BRAKE SHAFT	1	
9	无油轴承 BUSHING	8		19	制动活塞 BRAKE PLUNGER	1	
10	弹簧销 SPRING PIN	8		20	制动缸盖 COVER PLATE	1	

HMS125液压马达系列零配件 HMS125 Hydraulic Motor Parts



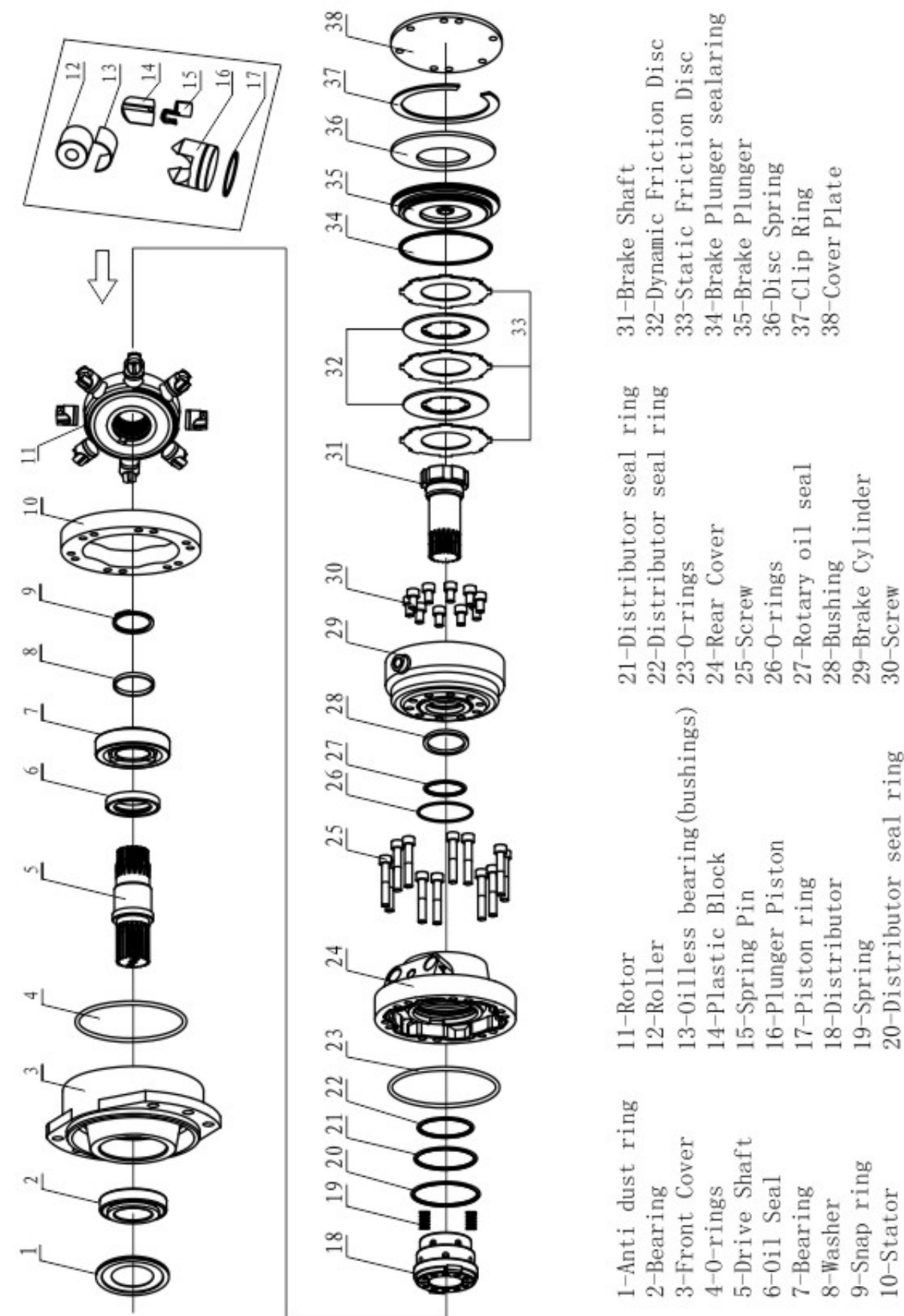
产品详细介绍 (Products are introduced in detail):



HMS125系列零件名称表 HMS125 series parts list

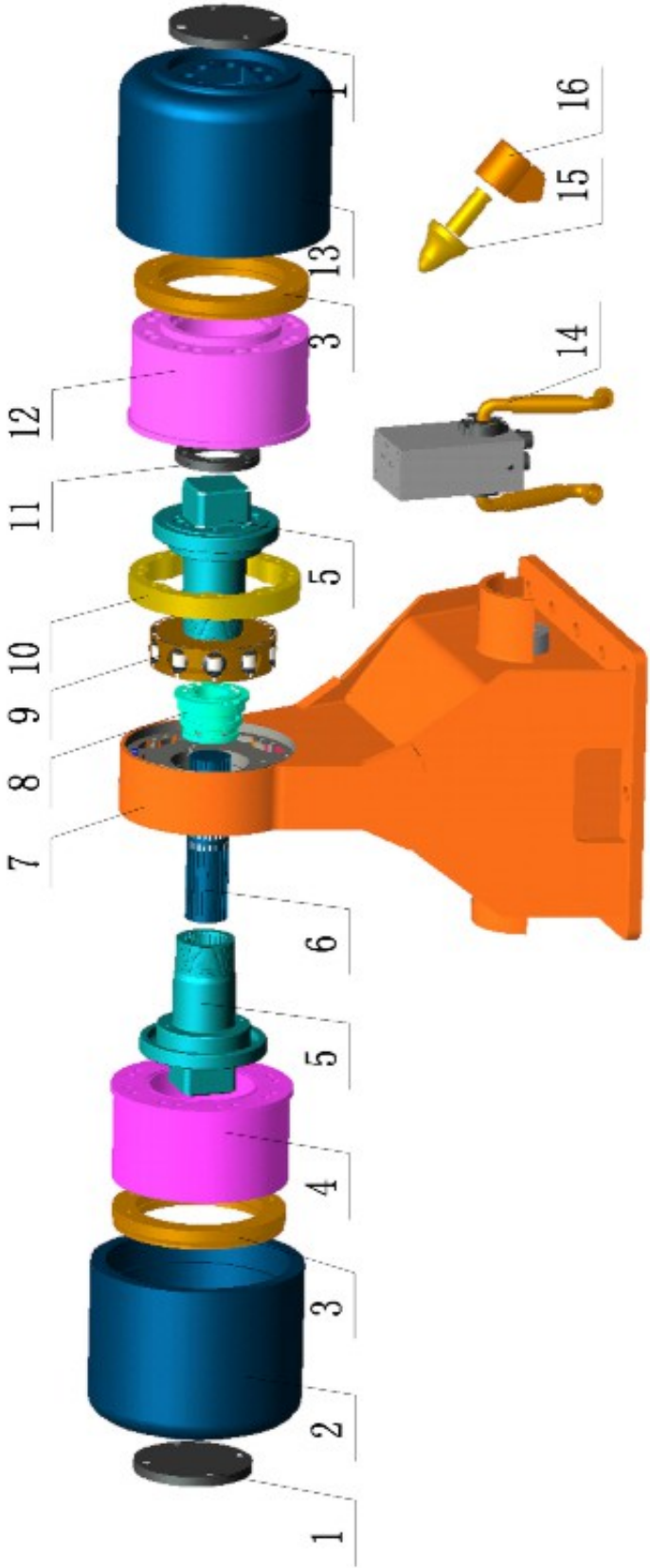
序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)	序号(ITEM)	部件名称(DESCRIPTION)	数量(QUANTITY)	备注(REMARK)
1	传动轴 DRIVE SHAFT	1		11	配流盘 VALVE PLATE	1	
2	前盖 FRONT COVER	1		12	配流轴 DISTRIBUTOR	1	
3	定子 STATOR	1		13	后盖 REAR COVER	1	
4	转子 ROTOR	1		14	调节垫片 ADJUSTING SHIM	1	
5	柱塞 PLUNGER PISTON	30		15	动摩擦片 DYNAMIC FRICTION	14	
6	柱塞挡板 PLASTIC BLOCK	60		16	静摩擦片 STATIC FRICTION	15	
7	滚子 ROLLER	30		17	制动缸 BRAKE CYLINDER	1	
8	活塞环 PISTON RING	30		18	制动轴 BRAKE SHAFT	1	
9	无油轴承 BUSHING	30		19	制动活塞 BRAKE PLUNGER	1	
10	弹簧销 SPRING PIN	30		20	制动缸盖 COVER PLATE	1	

HMS/HMCR 马达总成三维爆炸图 HMS/HMCR Series Hydraulic motor Explosive View



- | | | |
|------------------|------------------------------|---------------------------|
| 1-Anti dust ring | 11-Rotor | 31-Brake Shaft |
| 2-Bearing | 12-Roller | 32-Dynamic Friction Disc |
| 3-Front Cover | 13-Oilless bearing(bushings) | 33-Static Friction Disc |
| 4-0-rings | 14-Plastic Block | 34-Brake Plunger sealring |
| 5-Drive Shaft | 15-Spring Pin | 35-Brake Plunger |
| 6-Oil Seal | 16-Plunger Piston | 36-Disc Spring |
| 7-Bearing | 17-Piston ring | 37-Clip Ring |
| 8-Washer | 18-Distributor | 38-Cover Plate |
| 9-Snap ring | 19-Spring | |
| 10-Stator | 20-Distributor seal ring | |
| | 21-Distributor seal ring | |
| | 22-Distributor seal ring | |
| | 23-0-rings | |
| | 24-Rear Cover | |
| | 25-Screw | |
| | 26-0-rings | |
| | 27-Rotary oil seal | |
| | 28-Bushing | |
| | 29-Brake Cylinder | |
| | 30-Screw | |

铣挖机总成三维爆炸图
Drum cutter assembly explosive view



HDC 系列零件名称表 HDC Series Parts List

序号 (ITEM)	零件名称 (DESCRIPTION)	数量 (QUANTITY)	备注 (REMARK)	序号 (ITEM)	零件名称 (DESCRIPTION)	数量 (QUANTITY)	备注 (REMARK)
1	盖板 COVER	2		9	转子总成 ROTOR GROUP	1	
2	左套筒 LEFT HOUSING	1		10	定子 STATOR	1	
3	压板 RETAINER	2		11	锁紧螺母 LOCK NUT	2	
4	左轴承座 LEFT DRUM	1		12	右轴承座 RIGHT DRUM	1	
5	方轴 SQUARE SHAFT	2		13	右套筒 RIGHT HOUSING	1	
6	连接轴 CONNECTING SHAFT	1		14	控制阀组件 VALVE BLOCK ASSY	1	
7	机架 FRAME	1		15	截齿 PICK (TOOTH)	44/48/56	
8	配流轴 DISTRIBUTOR	1		16	齿座 HOLDER	44/48/56	

产品详细介绍 (Products Are Introduced In Detail)

发展愿景
Future vision

从马达、泵、阀等单个产品，到整体的液压系统设计，恒通液压用产品和专业技术为客户提供完整的液压流体动力解决方案。

From produce individual products --motors, pumps, valves... to design and make whole hydraulic system, Helm Tower will provide customers a complete hydraulic fluid power solution.



产品数据持续更新中，详询恒通诺达液压营销部。
The product data is continuously updated , please refer to Helm Tower Marketing Department for details.