



HYDRAULIC PUMP&MOTOR SPARE PARTS

液压泵、马达总成及配件



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Biston[®]
比思顿液压

宁波比思顿液压有限公司
Ningbo Biston Hydraulic Pump Co.,Ltd



Company Introduction

Ningbo Biston Hydraulic Pump Co.,Ltd located in Ningbo city, Zhejiang province,China. which is one of the high-tech enterprise specializing in manufacturing replacement of axial variable piston pump&motor/radial piston motor assy and repair parts,Gear pump,charge pump,pilot pump,vane pump and cartridge kits, reducer ,bearing,oil seal&seal kit, hydraulic valve/filter/HST and so on.

In the present,Our factory space takes 3000 square meters,Biston Hydraulic has more than 200 employees.Biston equipped with advanced CNC cutting lathes,corresponding auxiliary equipment and the multifunction pump testing bench.With the strategy of research and technology leading.Biston Hydraulic insists on the principle of "high quality,abundant varieties and Prompt delivery". With the great efforts for many years.

Most of our service brands including Rexroth,Linde,Liebherr,ZF, Moog,Sauer-Danfoss, Vickers,Eaton,Caterpillar,Commercial,Parker,Allison,Komatsu,Hitachi,Kawasaki,Uchida, Sumitomo,Nachi,Yuken,Tokimec,Hawe,Tadano,Kayaba,Case ,Settima and so on .also Customer 's Design and Logo are welcome.

Biston Hydraulic has been in business for a couple of years and many of our customers have become our friends. Why? Because Biston hydraulic provides excellent quality, superior service,fast delivery time,professional knowledge,years of experience and good price.Biston main market covers Asia,Europe,Africa,North and South America etc.Since established,we have been cooperated with a number of famous enterprises both domestic and overseas market. About 80% of our products are far sold to around 100 countries and regions around the world.

All in all,We want to become the one-stop supplier for Engineering,Construction,ceramic, metallurgical ,marine ,agricultural machinery etc hydraulic profession.we will qualified the pump&motor spare parts and excellent service to meet all of our current and future customers demand.Warmly welcome to contact and visit us.



公司简介

宁波比思顿液压有限公司坐落于交通便利、经济发达的浙江省宁波市，我公司是一家专业生产销售液压泵、马达、减速机总成配件及维修服务于一体，主要替代品牌有力士乐、ZF、PMP、邦飞利、萨奥、大金、波克兰、KYB、伊顿、卡特、哈威、威格士、JCB、派克、麦索瑞、ARK、TOP、川崎、极东、林德、利勃海尔、丹尼逊、沃尔沃、油研、内田、日立、小松等，产品广泛应用于工程机械、冶金机械、陶瓷机械、起重机械、建筑机械、化工机械、塑料机械、医疗机械、农业机械等液压设备中，品种齐全，质量可靠，完全替代同类的进口产品。

本公司秉承“以市场为导向，以质量求生存，以服务为依托，以品牌求发展”的经营理念 and 以“以人为本 客户至上 诚信经营 共创双赢”的经营宗旨。公司拥有一支年轻、团结、锐意进取的团队，在产品和服务不断创新进取的同时，更注重公司的规范化管理，旨在不断充实企业，打造自己的品牌！

目前我公司80%产品主要出口到欧洲、北美、南美、中东、东南亚等100多个国家和地区以及国内各大中小城市。

展望未来，比思顿液压将以最高尚的信誉、最优质的品牌、最完善的服务，为客户创造更多价值，共求发展！

-----企业精神-----

专注 专业 诚信 创新

-----企业理念-----

以市场为导向 以质量求生存 以服务为依托 以品牌求发展

-----企业使命-----

人无我有 人有我优 为客户创造更多价值

-----企业宗旨-----

以人为本 客户至上 诚信经营 共创双赢



Factory Equipment Workshop



Cutting Machine



Ordinary lathe Machine



NC Machine



CNC Machining



Milling Machine



Surface Grinder Machine



Internal Grinder Machine



Outside Grinder Machine



Centerless Grinding Machine



Heat Treatment



Three Coordinate Detector



Hardness Tester

Rexroth A2F/A6V/A7V/A8V/A6VM series piston pump&motor and spare parts



A2F series :

A2F10/12/23/28/45/55/63/80/107/125/160/200/250/500

A6V series:

A6V55/A6V80/A6V107/A6V160/A6V225/A6V250

A7V series:

A7V28/A7V55/A7V80/A7V107/A7V117/A7V160/A7V250

A8V series:

A8V55/A8V80/A8V107/A8V115/A8V172

A6VM series:

A6VM28/55/80/107/140/160/200

Attention: if you need piston pump&motor assy, please show me complete model !

Rexroth A2FE/A2FO/A2FM/A2VK series Axial piston pump&motor and spare parts



A2FE series :

A2FE16/61W-PPB05 A2FE23/61W-PPB05 A2FE45/61W-PPB05 A2FE56/61W-PPB05
A2FE63/61W-PPB05 A2FE80/61W-PPB05 A2FE90/61W-PPB05 A2FE107/61W-PPB05
A2FE125/61W-PPB05 A2FE160/61W-PPB05

A2FO series :

A2FO10/61R-PAB06 A2FO12/61R-PBB06 A2FO16/61R-PAB06 A2FO23/61L-PAB05 A2FO28/61L-PAB05
A2FO32/61L-PAB05 A2FO45/61R-PZB05 A2FO56/61R-PAB05 A2FO63/61R-PAB05 A2FO80/61R-PAB05
A2FO80/61R-PBB05 A2FO90/61R-PAB05 A2FO107/61R-PAB05 A2FO125/61R-PAB05 A2FO160/61R-PAB05
A2FO180/61R-PAB05 A2FO200/63R-PAB05

A2FM series :

A2FM32/61W-VAB010 A2FM32/61W-VBB020 A2FM45/61W-VZB040 A2FM56/61W-VAB010
A2FM63/61W-VAB020 A2FM80/61W-VAB020 A2FM90/61W-VBB010 A2FM107/61W-VAB020
A2FM125/61W-VAB010 A2FM160/61W-VAB020 A2FM180/61W-VAB010 A2FM200/63W-VAB010
A2FM250/60W-VZB020 A2FM355/60W-VZH010 A2FM500/60W-VPH010 A2FM1000/60W-VZH010

A2VK series :

A2VK12MAOR4G1PE1-S02 A2VK12MAOR4GOPE2-S02 A2VK12MAOR4GOPE2-S07
A2VK28MAOR4GOPE1-S02 A2VK28MAOR4G1PE1-S02 A2VK28MAOR4GOPE1-S07
A2VK55MAOR4GOPE2-S02 A2VK55MAOR4GOPE1-S02 A2VK55MAOR4GOPE2-S07
A2VK107MAOR4GOPE2-S02 A2VK107MAOR4GOPE2-S07

Rexroth A4VSO series Axial Variable displacement piston pump



Rexroth A4VSO series common type as below :

Control method: DR, DRG, LR, MA, EO.

Displacement : 40, 71, 125, 180, 250, 355, 500, 750, 1000 (ml/r)

Standard pressure: 35MPa.

Peak pressure : 40 MPa.

A4VSO40LR2G/10R-PPB13N00 A4VSO71DFR/10X-PPB13N00 A4VSO71DR/10X-PPB13N00
A4VSO71DRG/10X-PPB13N00 A4VSO71LR2/10R-PPB13N00 A4VSO71LR2D/10R-PPB13N00
A4VSO125DFR/22R-PPB13N00 A4VSO125DR/22R-PPB13N00 A4VSO125DR/22R-VPB13N00
A4VSO125LR2/22R-PPB13N00 A4VSO125LR2G/22R-PPB13N00 A4VSO125LR2N/22R-PPB13N00
A4VSO180DFR/22R-PPB13N00 A4VSO180DR/22R-PPB13N00 A4VSO180DRG/22R-PPB13N00
A4VSO180LR2N/22R-PPB13N00 A4VSO250DFR/30R-PPB13N00 A4VSO250DR/30R-PPB13N00
A4VSO250DRG/30R-PPB13N00 A4VSO250LR2/30R-PPB13N00 A4VSO250LR2G/30R-PPB13N00
A4VSO250LR2N/30R-PPB13N00

Rexroth A4V/A4VG/A4VTG/A10VG series pump & repair parts



A4V56/71/90/125,A4VG28/40/45/56/71/90/125/140/180/250,A4VTG71/90 ,A10VG18/28/45/63

KYB MSF axial fixed displacement piston motor & repair parts



KYB MSF 16/23/46/53

Rexroth A10V(S)O 10/18/28/45/63 /71/74/85/100/140 31/52/53 series axial Variable displacement piston pump



Rexroth A10V(S)O series common type as below :

A10VO45LA7DS/53R-VUC12N00	A10VO63LA8DS/53R-VUC12N00	A10VSO10DR/52R-PPA14N00	A10VSO18DR/31R-PPA12N00
A10VSO18DR/31R-PPA12K01	A10VSO18DFR/31R-PPA12N00	A10VSO18DFR1/31R-PPA12N00	A10VSO18DFR1/31R-PPA12K01
A10VSO18DFLR/31R-PPA12N00	A10VSO18DG/31R-PPA12N00	A10VSO18DRG/31R-PPA12N00	A10VSO28DR/31R-PPA12N00
A10VSO28DR/31R-PSC62K01	A10VSO28DFR/31R-PPA12N00	A10VSO28DFR1/31R-PPA12N00	A10VSO28DFR1/31R-PPA12K01
A10VSO28DFLR/31R-PPA12N00	A10VSO28DG/31R-PPA12N00	A10VSO28DRG/31R-PPA12N00	A10VSO45DR/31R-PPA12N00
A10VSO45DR/31R-PPA12K01	A10VSO45DFR1/31R-PPA12N00	A10VSO45DFR1/31R-PPA12K02	A10VSO45DFR/31R-PPA12N00
A10VSO45DFR/31R-PPA12K01	A10VSO45DFR/31R-PPA12K26	A10VSO45DFLR/31R-PPA12N00	A10VSO45DG/31R-PPA12N00
A10VSO45DRG/31R-PPA12N00	A10VSO71DR/31R-PPA12N00	A10VSO71DR/31R-PPA12K01	A10VSO71DFR1/31R-PPA12N00
A10VSO71DFR1/31R-PPA12K02	A10VSO71DFR/31R-PPA12N00	A10VSO71DFR/31R-PPA12K27	A10VSO71DFLR/31R-PPA12N00
A10VSO71DG/31R-PPA12N00	A10VSO71DRG/31R-PPA12N00	A10VSO100DR/31R-PPA12N00	A10VSO100DR/31R-PPA12K01
A10VSO100DFR1/31R-PPA12N00	A10VSO100DFR1/31R-PPA12K01	A10VSO100DFR/31R-PPA12N00	A10VSO100DFLR/31R-PPA12N00
A10VSO100DG/31R-PPA12N00	A10VSO100DRG/31R-PPA12N00	A10VSO140DR/31R-PPB12N00	A10VSO140DR/31R-PPB12K01
A10VSO140DFR1/31R-PPB12N00	A10VSO140DFR1/31R-PPB12K01	A10VSO140DFR/31R-PPB12N00	A10VSO140DFLR/31R-PPB12N00
A10VSO140DG/31R-PPB12N00	A10VSO140DRG/31R-PPB12N00		

Eaton-Vickers hydraulic pump and motor assy



Vickers MFE



Eaton 74315



Eaton 74318



Eaton 74318



Eaton 74315



Eaton 74318



Eaton 74328



Eaton 72400



Eaton 72450



Eaton PVH



Vickers PVB



Vickers PVE19



Vickers PVE21



Vickers PVE21



Vickers PVE21



G5

Fan drive motor for hydraulic cooling system



CAT330C



CAT325C



CAT320C



CAT336DL



CAT330D



CAT345D



CAT980G



CAT825G



VOLVO
14533496/14531612



VOLVO 11147935



Volvo EC360



CAT 136-8869



Rexroth A10VNO45



Rexroth A10VNO85



3349219469



ZAX470/4654856

Sauer-Danfoss and other charge pump



Sauer 42R



Sauer
MPV/MPT



Sauer SPV6/119



Sauer 90R42



Sauer 90R55



Sauer 90R75



Sauer 90R100



Sauer 90R130/180



Sauer 90R250



Messori MA4VG90



Sauer PV20/21/22/23



Sauer PV24/25



PMP110



KYB87



Eaton 54/64



Linde HPV

Rexroth series charge pump



Some common model as below :

A4VG28-A A4VG28-B

A4VG40-A 13T/15T A4VG40-B A4VG40-C 13T/15T A4VG40-D 9T A4VG40-E 14T

A4VG56-A 13T A4VG56-B A4VG56-C 14T A4VG56-D 9T

A4VG71-A 13T/15T A4VG71-B 14T A4VG71-C 9T A4VG71-D

A4VG90-A A4VG90-B 13T A4VG90-C 14T A4VG90-D 9T

A4VG125-A 13T A4VG125-B 13T/15T A4VG125-C 14T A4VG125-D A4VG125-E 9T

A4VG180-A 13T A4VG180-B A4VG180-C 13T A4VG180-D 13T

A4VG250-A A4VG250-B 13T A4VS355

A4VTG71 A4VTG90-A A4VTG90-B

A10VG28 A10VG45 A10VG63

Rexroth series gear pump



Some model for gear pump as below :

0510-325-013 0510-425-020 0510-525-019 0510-625-028 0510-625-029 0510-725-045 0510-315-307
 0510-415-316 0510-515-309 0510-615-317 0510-615-318 0510-715-306 0510-225-006 0510-325-006
 0510-425-009 0510-525-009 0510-625-022 0510-625-013 0510-725-030 0510-415-328 0510-515-012
 0510-615-023 0510-345-001 0510-445-001 0510-545-001 0510-645-004 0510-645-002 0510-465-320
 0510-565-327 0510-665-042 0510-665-048 0510-565-023 0510-655-005 0510-555-003 0510-455-002
 0510-665-371 0510-656-061 0510-725-031 0510-765-068 0510-725-077 0510-525-022 0510-715-343
 0510-765-068 0510-525-076 etc.

2PF6F52S03 2PF8F52S03 2PF11F52S03 2PF16F52S03 2PF19F52S03 2PF23F52S03
 2PF6F52Z11L 2PF8F52Z11L 2PF11F52Z11L 2PF16F52Z11L 2PF19F52Z11L 2PF23F52Z11L
 2PF4F52Z17 2PF6F52Z17 2PF8F52Z17 2PF11F52Z17 2PF16F52Z17 2PF19F52Z17
 2PF23F52Z17 2PF8F52D01L 2PF11F52D01 2PF16F52D01 2PF6F52Z17O 2PF8F52Z17O
 2PF11F52Z17O 2PF16F52Z17O 2PF19F52Z17O etc.

2ADPF8/8DF05Z17L 2ADPF11/11DF05Z17L 2ADPF16/11DF05S03 2ADPF19/11DF05S03
 2ADPF11/6DF05S03 2ADPF16/16DF05Z17O 2ADPF11/11DF05Z17O 2ADPF8/8DF05Z17O
 2ATPF16/16/11TF01D02L 2ATPF16/6/6TF01D02 2ADPF22.5/19DF17Z03 etc.

Pilot pump for excavator



Pilot pump model:

A8VO55/80/107/140/160/200, A8V55/59/80/86/107/115, SBS120/140, CAT12/14G, AP12, SPK10/10
 HPV091/102/116/145, K3SP36C, K3V63/112/140/180, K5V80/160/200, K7V63, PSVD2-21E/26E/27E
 AP2D12/21/25/28/36, PVK-2B-505, SH120/280, PVD-1B-29, PVD-2B-18/32/34, PVC90R, PSVL54 etc.

Used on machine:

CAT225B/300/300LC/320/320B/320C/320D/322/322C/325/325C/330B/330C/330D/345C/345D
 E200B/HD770-1/HD880-2, ZAX60/70, SK200-5, YC35-6/YC85/TOSHIBA135
 PC30/45-8, PC60-6/7, PC200-3/5/6/7, PC300-3/5/6
 ZAX55UR, EX100-2/3/5, EX120-2, EX200-1/2/3/5, EX220-1/2/3/5, EX300-1 etc.

OEM part number:

4255303, 4181700, 921800, 4276918, 9J4986, 4T2544, 133-6911, 133-6912, 177-2478, 103-8264,
 126-2016, 704-23-30601, 708-25-01064, 704-28-28201, 704-28-28230, 704-24-24420, 403-2305 etc.

Komatsu/Caterpillar gear pump



Komatsu series gear pump :

07400-30200	07400-40400	07400-40500	07427-72400	07429-71203	07429-72103	07432-71203
07432-72203	07429-72302	07430-72203	07432-72103	07433-71103	07433-72400	07436-72202
07438-72202	07440-72202	07441-67503	07442-71102	07442-72202	07443-67504	07444-66103
07446-66103	07448-66107					
704-71-44002	705-11-40100	705-11-36110	705-11-36040	705-11-38000	705-51-22080	704-11-38100
705-11-34011	705-11-38210	705-12-37010	705-12-32010	705-12-36011	705-12-40240	704-12-38100
705-12-38000	705-14-34530	705-30-31203	705-41-01050	705-21-32050	705-51-32050	705-51-30100
705-51-30190	705-51-30580	705-51-20300	705-51-20500	705-51-20340	705-51-32250	705-51-20050
705-51-30290	705-51-20370	705-51-10010	705-51-20070	705-51-30340	705-51-22050	705-51-10020
705-52-30250	705-52-30220	705-52-20050	705-52-40850	705-52-40100	705-52-30270	705-22-40110
705-56-24030	705-56-34040	705-56-44000	705-58-44050	175-13-23500	195-49-34100	10Y-61-04000
14X-49-11600	22Y-74-23000	17A-49-11100(22Y-74-40000)	etc.			

Caterpillar series gear pump :

1P4231 3G4768 2P9239 1150637 3N2078 3S4386 3S2616 4W2448 611346 4W5479 4N4873
4N4864 G29630 5H1719 5M7864 7S4629 EU3507 3P6816 3P6814 3P4002 3P0380 etc.

Parker/Commercial gear pump & repair parts



Gear pump model :

P30 P31 P50 P51 P75 P76 P315 P330 P350 P365 C101 C102 G101 G102

Some OEM parts number:

312-7740-100	312-5037-401	312-5027-201	312-3120-100	312-5037-202	312-8220-100	312-8217-100
312-8215-100	312-8212-100	312-8210-100	312-8207-100	312-8205-100	312-2920-230	312-2917-230
313-1133-001	313-7700-100	313-7740-100	313-5027-212	313-5037-401	313-5027-201	313-3120-100
313-5037-202	313-8225-100	313-8222-100	313-8220-100	313-8217-100	313-8215-100	313-8212-100
316-7740-100	316-3120-100	316-5037-202	316-8230-100	316-8227-100	316-8225-100	316-8222-100
316-8220-100	316-8217-100	316-8215-100	316-8212-100	316-8210-100	316-8207-100	316-2930-250
322-8222-100	322-8220-100	322-8217-100	322-8215-100	322-8212-100	322-8210-100	322-8207-100
322-3110-100	322-3112-378	322-5133-202	322-1133-001	322-2922-250	322-2920-250	322-2917-250
323-8105-100	323-8107-100	323-8110-100	323-8112-100	323-8115-100	323-8117-100	323-8120-100
323-8122-100	323-8125-100	323-2805-000	323-2807-000	323-2810-000	323-2812-000	323-2815-000
324-8220-100	324-8217-100	324-8215-100	324-8210-100	324-8207-100	324-8205-100	324-2920-230
324-2917-230	324-2915-240	324-2915-230	324-2912-230	324-2817-000	324-2815-000	324-2812-000
326-5129-204	326-5129-203	326-3132-369	326-3130-100	326-8220-100	326-8217-100	326-8215-100
326-8212-100	326-8210-100	326-8207-100	326-8205-100	326-2920-430	326-2917-930	326-2910-920
391-0381-077	313-7723-100	391-2686-065	391-3681-001	391-2286-004	391-3383-020	391-2082-032
391-0381-905	391-2185-912	391-2585-009	391-2882-051	391-2884-021	391-2883-115	etc.

Vickers /Denison series vane pump & cartridge kits



Common type for vane pump :

20V 25V 30V 35V 45V 2520V 3520V 3525V 4520V 4525V 4535V
 20VQ 25VQ 30VQ 35VQ 45VQ 25VQH 35VQH 45VQH
 2520VQ 3525VQ 4520VQ 4525VQ 4535VQ
 V10F V20F V10P V20P V10NF V20NF V2010 V2020
 T6C T6D T6E T6CC T6DC T6ED T6EC T6DCC T6EDC T6DDC T7E

Vane pump cartridge kits for Caterpillar :

1U2666 3G2195 1U2668 3G2197 3G2752 1U2664 3G2750 7J7963 3G2718 7J1397
 3G2834 7J0566 3G7652 9J7892 3G7653 3G2803 7J0554 3G7655 3G2883 7J0561
 3G2201 4T6869 7J0565 3G2196 3G7662 3G7666 1U3953 3G2836 3G1266 3G2746
 3G2837 3G7651 9J7890 3G7664 3G2832 4T1839 7J0570 3G1268 9T2200 3G1269
 1U2671 3G7657 3G7660 3G2236 3G7656 3G2233 7J1780 4T0422 3G2720 7J0580
 7J7966 3G2722 3G7658 7J7967 3G7659 3G2806 1U3920 4T0509 2Y3734 etc.

Bearing, oil seal and seal kit

For mixer truck reducer :



Oil seal : 113*150*12/13.5, 113*160*13/16, 120*165*10/14.8, 125*180*12/15, 145*215*14 etc.

Bearing : 800730/801806/248180/40779/801215A/804312A/579905AA/22310/540626/31313
 809280/534176/11449/32022 etc.

For piston pump and motor:



Shaft oil seal size :

20*40*6, 22*35*7, 22*42*10, 24*40*8, 25*35*6/5.5, 25*37*6, 25*45*8, 28*40*6, 30*52*6, 35*52*6
 35*54*6/5.5, 40*55*7/5, 40*62*6/5.5, 40*67*7/5, 42*62*7, 45*62*7, 45*65*7, 45*80*7/5, 48*62*7
 50*65*7, 50*68*7, 50*72*7, 50*80*7, 55*70*7, 55*72*7, 55*90*7, 60*80*7/5.5, 60*106*7, 62*85*7
 65*85*8, 70*90*7, 75*120*7, 85*110*8, 30*50*11, 35*55*11, 35*60*15, 38*58*11, 40*62*10,
 40*62*12, 42*65*11, 45*65*12, 45*68*12, 50*70*12, 55*78*12, 58*80*10, 60*80*10, 60*82*12
 AP1709, AP2085, AP2240, AP2379, AP2388, AP2507, AP2659, AP2668, AP2791, AP2864,
 AP3055, AP3154, AP3211, AP3222, BP3590F, BP4561F, UP0450, UP0449, UP2334, UP0445 etc.

Saddle bearing and bearing seat :

A4VG28/40/45/56/71/90/125/140/180/250, A11VO40/60/75/95/130/145/190/250/260
 PV90R42/55/75/100/130/180/250, A10VG18/28/45/63, PSV2—55T etc.

Hydraulic Valve



Sauer PV20/21/22/23



Sauer MF20/21/22/23



Sauer PV24



Sauer 90R 55/75/100



Eaton 54/64



Rexroth
DR/DFR/DFR1/DFLR



Rexroth ED72/ED73



Rexroth
A10VSO SPOOL



Rexroth A4VSO
DR/DRG/LR2/LR2G



Rexroth A2FM80/90



Rexroth A4VG125/180



Rexroth A4VTG71/90



Rexroth A11VLO



Rexroth A11VLO
SOLENOID VALVE



Kawasaki K3V



Vickers PVE



Vickera PVH



Vickers PVB/PVQ



Parker P2145/3145



Komatsu PC200-6/7

BELL/CASE/BOBCAT/JOHN DEERE HYDRAULIC UNIT



TA1919V10



B210035



78363



A20VO60



78364



A10VO74



210835



B210074



B210109



TDV10



B210309



BELL PT0



210702



B260315



B260536



210044



78363



B210166



Hydraulic pump parts



Hydraulic motor parts



Hydraulic motor parts



Hydraulic pump parts



TA1919 parts



B220711



valve bank double

Poclain MS&MSE and Rexroth MCR series radial piston motor and repair parts



Poclain MS&MSE series :

MS02 MS05 MS08 MS11 MS18 MS25 MS35 MS50 MS83 MS125 MSE05 MSE08 MSE18 MKE18 etc.

Rexroth MCR series :

MCR03-160, MCR03-225, MCR03-255, MCR03-280, MCR03-325, MCR03-365, MCR03-400, MCR05-380, MCR05-470, MCR05-520, MCR05-565, MCR05-620, MCR05-680, MCR05-750, MCR05-820, MCR10-780, MCR10-940, MCR10-1120, MCR10-1250, MCR10-1340, MCR15-1130, MCR15-1250, MCR15-1500, MCR15-1780, MCR15-2150, MCR20-1750, MCR20-2100, MCR20-2500, MCR20-3000.

Product application:

Mining Machinery: Coal winning machine, Road header, Scraper, Heavy duty handing car, Coal mine drill.

Construction Machinery: Skid steer loader, Scavenging machine, Aircraft tractor, Beam carrier, Hoisting machine, Down-the-hole drill, Rotary drill, Excavator, Mixer truck, Cutting machine, Break machine, Cinder machine, explosion-proof forklift, Road roller, Milling machine, Backhoe loader, Mixing station, Belt conveyor, Horizontal directional drill, Jumbolter, Forging manipulators, Rolling machine, Bucket wheel machine, Raise-bore machine, Shield machine, Oil drilling machine.

Marine machinery: Gantry crane, Windlass.

Farming machinery: Mini farming vehicle, Combine harvesters, Cotton pickers, Spray machine, cane loader.

Special vehicles: Fire engine.

Forest machinery: Stumper, Forest loader, Forest felling machine.

Mixer truck hydraulic pump and motor



Mixing Station



Mixer truck



Hydraulic system



Rexroth A4VTG71/90



Rexroth A2FM63/80/90



Sauer PV20/21/22/23



Sauer MF20/21/22/23



Eaton 5421/5423/6423



Eaton 5433/6433



Sauer 90R55/75/100/130



Sauer 90M55/75/100/130



ARK PV089



ARK MF089



KYB PSVS-90A/C



KYB MSF-85



Messori MA4VG90



Messori MF090



PMHP90/110



PMHM90/110

Mixer truck reducer



ZF CML Series



ZF P series



ZF PLM Series



PMP



TOP



Bonfiglioli



Ssuer



Dakin



Kukdong



KYB



Parts



Oil seal and bearing

Common model as below:

ZF series: CML10/16 PLM7/PLM9 P3301/P4300/P5300/P7300

PMP series: PMB6R100 PMB6.5R120 PMB7R120 PMB7R130 PMB7.2R129 PMB8.0R140

Sauer series: TM51.2 TM61.2 TM71.2

TOP series: P68 P70 P75 P80

Dakin/Kukdong series: DD33-MF PK86-BF VB99-11 VB99-17

other series: GM65D120 GM72D144

Concrete pump truck hydraulic unit



泵 车



拖 泵



车载泵



1PF2G2



0510765068/0510768099



3339121250



A10VO28DR



K3VL28/45



A2FO23/32



A7VO55



HAWE SC034L



KP30.34



A4VG125/180



A11VLO130/145/190/260



HAWE V30D140/250

Concrete pump truck hydraulic unit



A10VO28+1PF2G2



A4VG125+A4VG90
+A10VO28



A4VG125+A10VO28



A4VG125+A4VG125
+A10VO28



A4VG180+A10VO28
+1PF2G2



A11VO145+GEAR PUMP



A11VLO190
+GEAR PUMP



A11VLO190+A10VO28
+IPF2G2



K3V112+GEAR PUMP



K3V112+A10VO28
+1PF2G2



Swing reducer



transfer case



gerotor motor



gerotor motor



Steel ball motor



Multi valve

Excavator hydraulic main pump



A10VO45LA7DS



A10VO63LA8DS



A10VO71DFLR



A11VO75



A11VO95



AP2D25/28



AP2D36



PVK-2B-505



A8VO200



PVC90R



K3VL80



K3SP36C



K3V112DTS



K3V112DT/BDT



K5V140



K5V200



HPV145



PVG065



PVG100



A10VD43



PSVD2-13E



PSVD2-17/21/26/27E



PVC80R



PSVL-54CG



385-5004



SBS80



SBS120



PVD-1B-32P



PVD-2B-40P



PVD-3B-54P/56P

Excavator hydraulic motor and valve



GFT7T2 GFT9T2 GM07/09 TM07 TM09



PHV-4B-60B MAG-170VP MSF-180VP M2X146 M5X180



PCL-120 JMF36 JMF43 M2X63 SJ-K60



SG04E-303 SG08 SG025 MSG-44VP PC120-6



6SM/7SM/8SM KMX VALVE SX128RL 4TH6NE122-10 ST43 4TH6NRP198-20 M01

Heading machine hydraulic unit



A11VO145+A11VO130 A11VO145+A11VO145 A11VLO Triple pump PV180+PV180 V30D140+V30D140



Parker P2145/P3145 Parker PV20 A2FE90/107 A2FE125/160 Travel motor



Rexroth GFT Reduction Intermot motor 4TH6 valve Multi valve Multi valve

Terex dump truck hydraulic pump

For Terex Model : 3305,3307,TA30,TR45,TR50,TR60,TR70,TR100...



Pump model: PVE19/21 PVB20/29 PVH98/131 ADU062L P30/31 P50/51 etc.

Rotary drill and Coal mine machinery hydraulic pump&motor



Coal mine machinery



MF23 MOTOR



PV23 PUMP



PV23+PV23 pump



Rotary drill



A2FE107/125/160/180



A6VM107/160



AP2D25/28/36

JCB backhoe loader hydraulic pump and parts



JCB Hydraulic pump :

20-950225 20-602100 20-602000 20-925263 20-925353 20-912200 20-902900
20-903300 20-912800 20-925279 20-925340 20-925578 20-925579 20-925580

JCB charging pump details :

1. For JCB 3D, 3CX backhoe JCB904

Figure number: 20/900400 Rated revolution: 2500r/min Displacement: 16mL/r
Flow Rate $Q \geq 21$ /min (when $n=1500$ r/min $P_{max}=1.5$ Mpa) Max Working Pressure: 2MPa

2. Forklift Parts - Charging Pump JCB914, Applied to JCB hydraulic locomotive

Figure number: 20/925552 Rated revolution: 2500r/min Displacement: 16mL/r
Flow Rate: $Q \geq 21$ /min (when $n=1500$ r/min $P_{max}=1.5$ Mpa) Max Working Pressure: 2MPa

3. For CASE backhoe 1886078

MAX. Revolution 2500 r/min Displacement: 25 ml/r
Flow Rate: $Q \geq 21$ /min (when $n=1500$ r/min $P_{max}=1.5$ Mpa) Max Working Pressure: 2MPa

4. For CASE backhoe

Figure number: 21/96674 Rated revolution: 2500r/min Displacement: 16mL/r
Flow Rate: $Q \geq 21$ /min (when $n=1500$ r/min $P_{max}=1.5$ Mpa) Max Working Pressure: 2MPa

5. Case Charging Pump 181199A4

For CASE 580L, 580SL, 580SM, 580L Max Revolution: 2500r/min Displacement: 34mL/r
Flow Rate: $Q \geq 45$ L/min (when $n=1500$ r/min $P_{max}=1.5$ Mpa) Max Working Pressure: 2 MPa

Combine-harvester hydraulic HST



HPVMF系列液压无极变速器装置是由双向变量柱塞泵、手动定量马达、补油泵、阀组件、滤油器等组成。
排量: HPVMF18/28/32/37/40 cm³/r
峰值压力: 320bar
最高转速: 3000r/min

工作原理:

动力装置带动HPVMF内的柱塞泵，实现机械能到液压能的转化；液压能通过柱塞马达，实现液压能到机械能的转化，从而为执行元件提供扭矩。柱塞泵和柱塞马达相互构成闭路循环，其泄漏油由补油泵供给。柱塞马达输出轴驱动行走装置，实现机器的前进、停止、后退功能。

在联合收割机上的应用及特点:

- 1.操作简便: 采用HPVMF的联合收割机，脚踏操作杆即可完成进退、换向及平稳的无级变速。
- 2.应用性强: HPVMF集液压泵、马达、阀于一体，重量轻，不仅容易实现四轮四驱驱动、动力输出和脉宽调制，还可以增加电子控制等多种装置，实现机、电、液一体化控制，提高收割机性能。
- 3.灵活性强: 采用HPVMF的联合收割机可以极低的速度在很小的回转半径内行走，实现灵活转弯或进出作业场地的目的。
- 4.作业效率高: HPVMF独特的结构设计再减轻重量的同时，缩短了管路，降低功率损耗，有效地提高工作效率，HPVMF总效率高达80%；HPVMF可根据不同工况，负载以及所收割谷物多少、茎秆粗细、水分含量情况改变斜盘角度，调整流量和输出扭矩，使收割机作业效率更高。

Sumitomo QT series gerotor gear pump



Product Details :

Sumitomo gear pump										
Delivery l/min(at the rated pressure)				PUMP MODEL						MAXIMUM
6P MOTOR		4P MOTOR		LOW PRESSURE PUMP		MEDIUM PRESSURE PUMP		HIGH PRESSURE PUMP		SPEED
50Hz	60Hz	50Hz	60Hz	Rated pressure	N/KW	Rated pressure	N/KW	Rated pressure	N/KW	rpm
1000	1200	1500	1800	63 bar		140 bar		250 bar		
rpm	rpm	rpm	rpm	Max pressure		Max pressure		Max pressure		
				80 bar		160 bar		320 bar		
		3.6	5.1			QT22-4		QT23-4	3.1	1800
1.7	2.9	4.7	6.4			QT22-5		QT23-5	4.3	1800
2.9	4.4	6.5	8.5			QT22-6.3		QT23-6.3	5.2	1800
4.5	6.3	8.9	11.4	QT31-20	4.5	QT22-8		QT23-8	6.5	1800
4.7	6.9	10.3	13.6	QT31-25	5.6	QT32-10	4.6	QT33-10	8.3	1800
7.3	10	14.2	18.3	QT31-31.5	6.9	QT32-12.5	5.8	QT33-12.5	10.4	1800
10.3	13.6	18.7	23.7	QT41-40	8.9	QT32-16	7.1	QT33-16	12.8	1800
13.2	17.6	24.2	30.6	QT41-50	11	QT42-20	9.2	QT43-20	16.5	1800
18	23.3	31.4	39.3	QT41-63	14.1	QT42-25	11.4	QT43-25	20.4	1800
25.2	32	42.2	52.2	QT51-80	17	QT42-31.5	14.6	QT43-31.5	26.1	1800
30.2	38.4	50.8	63.1	QT51-100	21.7	QT52-40	17.7	QT53-40	31.6	1800
41.5	52	67.8	83.4	QT51-125	27.1	QT52-50	22.6	QT53-50	40.5	1800
54.5	67.6	87.3	106.8	QT61-160	34	QT52-63	28.3	QT53-63	50.7	1800
65.3	82	107.1	131.9	QT61-200	42.5	QT62-80	35.6	QT63-80	63.7	1800
86.1	107	138.3	169.3	QT61-250	52.1	QT62-100	44.6	QT63-100	80	1800
109.8	135.4	173.8	212			QT62-125	54.9	QT63-125	98.4	1800
148.2	180.2	228.3	276.4							1800
189.8	230.2	290.7	351.2							1800
237.2	287	361.8	436.6							1800

Product Application :



Italy Settima oil pump



GR47-2V028-SAEB-AC/T13 GR47-2V032-SAEB-AC/T13 GR47-2V036-SAEB-AC/T13
GR47-2V040-SAEB-AC/T13 GR47-2V045-SAEB-AC/T13 GR47-2V050-SAEB-AC/T13
GR55-2V050-SAEB-AC/T15 GR55-2V063-SAEB-AC/T15 GR55-2V075-SAEB-AC/T15
GR55-2V090-SAEB-AC/T15 GR72-2V094-SAED-AC/T23 GR72-2V101-SAED-AC/T23
GR72-2V125-SAED-AC/T23 GR72-2V150-SAED-AC/T23

Improvement of energy saving for plastic injection machine

注塑机节能改造伺服控制系统图解



节能原理:

伺服控制系统包含螺杆型液压泵、永磁同步电机、伺服驱动器三大组件，配置高分辨电机编码器及液体压力传感器，组成全闭环回路的液压系统，达到注塑机高精度，高节能，轻量化的品质要求。注塑机的电能消耗主要是油泵。油泵电机全速运转，不需油压时，处于空转状态，消耗电能。伺服控制系统是针对油泵电机实现变速控制，同步跟踪压力和流量实现不同阶段时的不同转速，从而达到节电目的。也就是说，通过控制器调整油泵电机转速，用以改变普通定量泵的输出功率，使其随着负载的变化而变化，所以节电效果十分明显，同时还可以提高功率因素，经实际检测，节能效果可达50%-80%，节电效果与注塑机的状态、注塑机容量的多少，注塑周期的长短，注塑的产品及原材料不同，节能效果也不同，同时与工艺也有很大的关系。

Hydraulic pump&motor repair service 液压泵、马达维修服务



本公司专业从事液压泵、液压马达维修。维修中心资质雄厚，拥有一支十余年液压泵维修经验的高级工程师主导维修团队，采用先进液压维修工艺及检测技术，拥有高性能开式、闭式液压泵测试的电脑控制液压测试台，可对液压泵/马达压力、流量、功率、容积、效率等数据进行准确测试。使用纯正配件，保证修理后的产品达到出厂技术要求延长使用寿命，大大降低了用户的生产成本，提高了生产效率。经过多年的发展，我们在同行业中确立了多方面的领先地位，在业内具有广泛的客户和良好的商业信誉。

维修品牌范围：力士乐Rexroth、林德Linde、哈威HAWE、油研YUKEN、不二越NACHI、大金DAKIN、川崎kawasaki、内田Uchida、卡亚巴KYB、威格士Vickers、派克Parker、萨奥Sauer-Danfoss、伊顿Eaton、波克兰Poclain、小松Komatsu、日立Hitachi、卡特Caterpillar等各种进口以及国产液压泵、液压马达。

For others



Kracht D-58791



Custom design



MMF044 MOTOR



MMF046 MOTOR



MMF046 MOTOR



Eckerle EIPH6



Parker F11-005



Parker F12-060



Parker F12



Road Roller Pump



Voith IPVP6



Rexroth PGH



Mini gear pump



Back cover repair service



ZF Filter



CAT Filter

Caterpillar piston pump&motor repair parts



Some OEM part number For Caterpillar :

9J8660 8J2022 9J5758 4T7022 1U0406 8J6296 9J2417 1U2738 3G2859 4T7024 3G9671 8J5592
 3G6910 3G5750 9J3522 8J2037 1U3444 9J8667 6E1332 4T7023 3G4779 4T3122 6E1875 3G1719
 9T3366 9T3369 9T2966 9T3745 9T3370 9T3422 9T3421 9T3371 9T3385 9T3384 9T3745 5I-4311
 9T3026 9T3030 9T3018 9T3019 9T3039 9T3020 9T7757 9T1633 9T7761 9T7759 9T1634 6E1859
 9T7758 6E6571 9T7774 9T9460 9T7775 9T7765 9T7767 9T9461 9T7768 9T7769 9T7771 9T7773
 9T8448 9T8455 6E4234 9T8452 9T8450 9T8629 9T8449 9T4176 9T9521 9T4180 8U2016 9T4136
 9T2017 9T4841 9T8637 6E1450 9T7729 9T7731 9T7730 9T8104 9T7727R 9T7727L etc.

5I-4476 5I-4403 5I-8401 5I-8404 5I-8403 5I-4485 5I-4475 5I-8402 5I-8631 5I-8628 5I-8632 5I-8636
 5I-8828 5I-8633 5I-8640 5I-8637 5I-8634 5I-8630 5I-8629 5I-8420 etc.

099-5864 099-5852 100-3405 100-3402 100-3412 100-3413 105-1517 113-4420 118-4057 141-0828
 173-3498 173-3496 173-3427 173-3392 173-3391 191-5709 etc.

Product Application:

CAT70 E100 CAT120 E180 E200B CAT215 CAT245 CAT300 CAT320 CAT320L/C CAT320B/D CAT325B/C
 CAT330B/BL/C CAT345 E350 E360 E450 CAT650

Hydraulic pump&motor spare parts



Komatsu PC30UU



Komatsu PC40-8



Komatsu
HPV35/PC60



Komatsu
HPV55/PC120



Komatsu
PC78US-6



Komatsu HPV75
PC60-6/7/8



Komatsu PC160-7



Komatsu HPV90
PC200-3/5



Komatsu HPV95
PC200-6/7 PC220-7



Komatsu HPV132
PC300-7/PC400-6



Komatsu HPV140



Komatsu HPV160
PC300/400 -3/5



Komatsu
PC400-6/7 PC450



Komatsu
PC360-7



Komatsu HPV375



Komatsu PC2000-8

Hydraulic pump&motor spare parts



Komatsu
PC45R-8 swing



Komatsu
PC60-6 swing



Komatsu
PC60-7 swing



Komatsu
PC120-6 swing



Komatsu
PC200-2 swing



Komatsu
PC200-6 swing



Komatsu
PC200/220-7 swing



Komatsu
PC600-7 travel



Komatsu
PC400-6 travel



Komatsu
PC400-7 travel



Komatsu
PC200-7 travel



Komatsu
KMF90/125/230



Hitachi HPK055A EX120-6



Hitachi HPV050/091
EX200-2/3 EX120-2



Hitachi HPV102/118
EX200-5/6 ZX200-3 ZX270



Hitachi HPV125A

Hydraulic pump&motor spare parts



Hitachi HPV125B
UH07/UH083



Hitachi HPV116/145
EX200-1 EX300-1/2/3



Hitachi EX120-5 swing
AP5S67



Hitachi ZAX120-6 swing



ZX330



Hitachi HMGE36EA travel
ZX200



HMGC32/35 travel
EX200-1/5



CAT120 VRD63



CAT312C SBS80



CAT320C/325C SBS120/140



CAT320 AP12



CAT12G/14G/16G
120G/140G CAT215/225
235/245 CAT963/973/993



AP14 CAT325



E200B NEW



SPK10/10 SPV10/10
E200B MS180



CAT330B travel

Hydraulic pump&motor spare parts



Kawasaki K3SP36C



Kawasaki K3V



Kawasaki K3VG



Kawasaki K3VL



Kawasaki K5V80/140



Kawasaki K5V160



Kawasaki K5V200



Kawasaki K7V63/100
K7VG180/265



Kawasaki NX



Kawasaki NV



Kawasaki NVK



Kawasaki MX



Kawadaki M2X



Kawasaki M5X



Kawasaki KVC925/930/932



Rexroth A2F

Hydraulic pump&motor spare parts



Rexroth A2FO



Rexroth A2FM



Rexroth A2FE



Rexroth A2VK



Rexroth A4V



Rexroth A4VSG



Rexroth A4VSO



Rexroth A4VG



Rexroth A4VTG



Rexroth A6V



Rexroth A6VM



Rexroth A7V



Rexroth A7VO



Rexroth A8VO



Rexroth A8VO140



Rexroth A10FE

Hydraulic pump&motor spare parts



Rexroth
A10VO28/45/71 52series



Rexroth A10VO60
A20VO60 52series



Rexroth A10V(S)O10/16
/18/28/45/71/74/100/140



Rexroth
A10VO63/85 52series



Rexroth
A10VG18/28/45



Rexroth A10VG63



Rexroth A11VG50



Rexroth
A11VO40/60



Rexroth
A11VO75/95



Rexroth
A11VO130/145/160



Rexroth
A11VO190/250/260



Sauer SPV15/18



Sauer PV20



Sauer MF20



Sauer PV42R-28



Sauer PV42-41/51

Hydraulic pump&motor spare parts



Sauer MMF025



Sauer MMF



Sauer MPV/MPT



Sauer 90R



Sauer SPV6/119



Sauer 51V



Eaton
3321/3331/4621/4623/5421
5423/5433/6423/6433/7621



Eaton 70423



Eaton
70122/72400/70344/78162



Eaton
74315/74318/74328



Eaton 78362



Eaton 78363/78364
78461/78462/78463



Vickers PVB



Vickers PVE12



Vickers PVE19/21



Vickers MFE

Hydraulic pump&motor spare parts



Vickers TA15/19



Vickers PVH



Linde BPV



Linde BPR



Linde B2PV



Linde HPV55T



Linde HPV75/105



Linde HPV135/165/210



Linde HPR75-2



Linde HPR 100



Linde HPR105-2



Linde HPR130/160



Linde HPR135/165



Linde HPR210



Linde HMF



Linde HMR

Hydraulic pump&motor spare parts



Linde BMF



Linde BMR



Linde BMV



Linde MPR



KYB KMF41



KYB KMF40/90/160



KYB87



KYB PVA87



KYB MSF16/23



KYB MSF46



KYB MSF53



KYB MSF-85



KYB PSVS-90



KYB PSV2-55T SH120



KYB PSV2-60T/62T/63T



KYB PSVD2

Hydraulic pump&motor spare parts



PSVL2-36CG
Kubota181/185/188



KYB MAG-33VP



KYB MAG85/150/170



KYB MAG 200/230



KYB MSG18P/27P/44P



KYB MSG50P/60P



Uchida A8V



AP2D12/14/18



Uchida AP2D21/25



Uchida AP2D28



Uchida AP2D36



Uchida A10VD17



Uchida A10VD43



Volvo 50T



Parker F11



Parker F12

Hydraulic pump&motor spare parts



Parker F11/F12



Parker V12-060



Parker V12-080



Parker V14



Parker 51V



Parker P2



Parker P3



Parker P200Q



Parker PVXS



Liebherr LPVD



Liebherr LMF/LMV



Liebherr FMF



Teijin GM -VL



Teijin GM-VA



PC120-3/5



Teijin GM35/38VL

Hydraulic pump&motor spare parts



Teijin GM38VB SK200-8



Teijin GM40VC



Tadano MSF150 motor



Tadano HD450V
PVA5656 /6565



Tadano PVA72/82/92



Nachi PVD-00B



Nachi PVD-1B



Nachi PVK-2B



Nachi PVD-2B



Nachi PVD-3B



YC35-6



CY-14



Yuken A Series



HAWE V30D75/95



HAWE V30D140/250



MKV23/33

Hydraulic pump&motor spare parts



Oilgear PVG



PAVC



Toshiba PVC



Toshiba SG



JMV 45-28



JMV53-34



JMF



Hyundai 60-7 swing



KOBELCO MA340
SK200-6 SK220-2/3



HNV110



DNB08



DNB50/60



DND60



MSF230



DH07/08 swing



DH55

Hydraulic pump&motor spare parts



LZV30/120



DPVP108



FRR



CS05A



HD3000



Kubota HPVMF



VP6



Custom design piston shoe



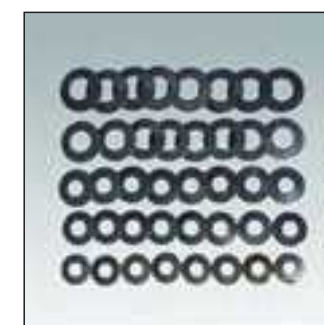
Poclain PL42/PL44



Friction & steel plate



Socket bolt& piston ring



A7VO/A8VO DISC SPRING



Anti-wear treatment



Pump Coupling



Gerotor gear set
Thrust plate



Retainer/Metal/Snap ring
Disc spring/Press pin