



## High Quality Excavator Hydraulic Control Valve Assembly Excavator Hydraulic Control Valve Assembly For Komatsu PC300-7 And PC350-7 For Komatsu

Our Product Introduction

for more products please visit us on [hydraulicmachineryparts.com](http://hydraulicmachineryparts.com)

### Basic Information

- Place of Origin: China
- Brand Name: HALCYON
- Model Number: PC300-7 & PC350-7
- Minimum Order Quantity: 1 piece
- Price: Negotiable
- Packaging Details: Wooden Box+Pallet
- Delivery Time: In Stock: 1-3 day(s); Out of Stock: Customization time depend on specific circumstances
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 500 pieces per month



### Product Specification

- Material: Casting Iron
- Type: Hydraulic Pump Parts
- Application: Excavator
- Standard Or Nonstandard: Standard
- Product Name: Hydraulic Control Valve



### More Images



## Product Description

### Product Description



**HALCYON**

## Product Description

### Excavator PC300-7 Control Valve Assembly PC350-7 Main Valve Assembly 723-47-26105

**Structural Features:** The main control valve of the PC300-5 is a 6-section valve, integrally cast as a single unit. It can be expanded with 1-3 additional auxiliary valve sections, connected via bolts. The internal oil passages of the valve are interconnected, featuring a compact design that facilitates maintenance. Each valve section controls the direction and speed of an actuator, such as a hydraulic cylinder or motor.

**Working Principle:** Taking the arm operation as an example:

1. **Neutral Position:** When the PPC (Pilot Pressure Control) valve is in the neutral position, the PPC oil pressure on both ends of the main arm spool is zero. The spool remains centered under spring force, blocking hydraulic oil flow, and the arm cylinder remains stationary.
2. **Digging Operation:** Moving the control lever to the digging position activates the PPC valve, which sends oil pressure to the left end of the main arm spool. This pressure overcomes the spring force, shifting the spool to the right. High-pressure oil then flows through the opened passage, pushes past the pressure compensation valve, and enters the bottom chamber of the cylinder. This extends the piston rod while the oil from the upper chamber returns to the tank.
3. **Speed Control:** The greater the lever travel, the larger the displacement of the main spool. This increases the opening area of the oil passage, resulting in higher flow rates and faster cylinder operation.





**Looking for more?**

We can offer perfect interchangeable replacements of many world's renowned brands including Rexroth, Eaton, Parkers, Kawasaki, Tokimeot, Sauer-danfoss, Komatsu and so on.

**Check below Models that we commonly offer:**

Brand Name	Model Number (If you can't find what you want, please contact us for help)
Rexroth	A10VSO10/18/28/45/60/63/71/85/100/140
	A2F12/23/28/55/80/107/160/200/225/250/350/500/1000
	A4VSO40/45/50/56/71/125/180/250/355/500/750/1000
	A7VO28/55/80/107/160/200/250/355/500
	A6VM28/55/80/107/140/160/200/250/355/500/1000
	A7V12/28/55/80/107/160/200/225/250/355/500
	A11V40/60/75/95/130/145/160/190/200/210/260
	A10VG18/28/45/63
	A4VG28/40/56/71/90/125/180/250
	A15VSO175/210/280
AP2D25/36	
KAWASAKI	K3V63/112/140/180/280DT
	K3SP36/K7SP36/K7V63
	K5V80/140/160/180/200
	M2X22/45/55/63/96/120/128/146/150/170/210 SWING
	M5X130/180 SWING
GM18/35VL/35VA	
KOMATSU	HPV 90/95/132/140/165
	PC30/40/45/60-3/5
	PC60-7 PC200-3/5 PC220-6/7 PC200-6/7 PC300-6/7 PC360-7
	PC400-7
	PC200-6/7/8, PC360-7
SBS80/120/140 CAT312C/320C/325C	
CAT	CAT320 (AP-12)
	CAT12G/14G/16G/120G/140G
	SPK10/10(E200B) SPV10/10(MS180)
EATON	EATON 3331/4621(4631)/5421 (5431)/6423/7620(7621)
	PVE19/21 TA19
	PVH45/57/74/98/131/141
TOSHIBA	PVB92
	SG02/04/08/12/15/17/20/25 SWING
NABTESCO TRAVEL	GM03/05/06/07/08/09/10/17/18/20/23
	GM03/05/06/07/08/09/10/17/18/20/23/24/28/35/38VL
	GM35VA
YUKEN	A10/16/22/37/40/45/56/70/90/100/125/145/220
PAKER	PV16/20/23/28/32/40/46/63/80/92/140/180/270
HITACHI	HPV091/102/116/118/145
SAUER	PV90R30/42/55/75/100/130/180/250
	PV20/21/22/23/24/25/26/27
	MPV025/035/044/046 MPT025/035/044/046



# FACTORY

**GUANGZHOU HALCYON-HYDRAULIC CO. LTD**



## ABOUT US

Guangzhou Halcyon-Hydraulic Co. Ltd was founded in 2010 and is located in Guangzhou National High-tech Development Zone. Our main business is to develop and manufacture high pressure piston pumps, motors, spare parts, integrated products of hydraulic system, and equipments repairing and remanufacturing. The company has passed ISO9001 quality certification, and has been awarded as "Contract and Trust worthy Enterprise" and "Guangdong High-tech Enterprise".



**GUANGZHOU HALCYON**

## GLANCE AT THE WORKSHOP





## OUR ADVANTAGES

- **Expertise in R&D and Design:** Over 20 years of experience in the research, development, and design of high-pressure piston pumps and motors.
- **Manufacturing Excellence:** More than 13 years in factory manufacturing, contributing to high standards and quality production.
- **Standard Development:** Active participation in the development of the Chinese national standard for hydraulic pumps.
- **Patent Portfolio:** Possession of 19 utility model patents and 5 invention patents, showcasing our innovative capabilities.
- **Cost-Effective Production:** Our real factory setup ensures cost-effective production and competitive pricing for high-quality products.
- **Customization and ODM Services:** Strong capabilities in offering customized services and excellent Original Design Manufacturing (ODM) to meet various client needs.
- **Industry Collaboration:** Extensive experience in manufacturing specialized hydraulic pumps and motors for major machinery manufacturers like XCMG

## CERTIFICATE





## STANDARD PACKING WAY

### Wooden Box

### Warehouse For Shipping



## HALCYON

## Exhibition & Clients



## HALCYON

## FAQ

### **Q1. Why choose us?**

A. More than 20 years of experience in hydraulic parts design and 14 years of experience in manufacturing branded quality of piston pumps and motors. As a reputed factory supplier, We have many modern production machines and testing equipment, as well as a strict and renowned quality management system. Welcome ODM/OEM inquiry with high quality demand.

### **Q2. Can I customize the product?**

A. Absolutely. Actually customizing service according to drawing or request, is the most advantage and big difference between HALCYON and common suppliers. We have excellent technical precipitation and mature production process in hydraulic industry.

### **Q3. Can I have free samples?**

A. Usually no, but negotiable according to different products and orders.

### **Q4. What's the delivery time?**

A. 10-60 days after payment, according to different products and orders.

### **Q5. How to order?**

A. Inquiry → Quotation → Negotiation → Samples → PO/PI → Down payment → Mass production

→Quality inspection→ Book Space →Balance/Delivery → Further.

Tags:

**Hydraulic Directional Control Valve,**

**Excavator Control Valve,**

**Hydraulic Monoblock Valve**



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