



A6VM107 HA1/63W-VZB370A-K Hydraulic Variable Displacement Piston Motor for Heavy Machinery

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: HALCYON
- Minimum Order Quantity: 2 pieces
- 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: 900 pieces per month



Product Specification

- Condition: New
- Applicable Industries: Machinery Repair Shops, Manufacturing Plant, Other
- Video Outgoing-inspection: Provided
- Machinery Test Report: Provided
- Warranty: 1 Year
- After Warranty: Online Support, Video Technical Support
- Color: Customer's Requirement
- Customized: Available
- OEM: Available
- Highlight: ha1/63w-vzb370a-k, a6vm107 rexroth piston motor, heavy machinery variable displacement piston motor



More Images



Product Description

A6VM107HA1/63W-VZB370A-K Hydraulic Variable Displacement Piston Motor for Heavy Machinery



HALCYON

Product Description



Our Product Introduction

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Axial Piston Variable Motor A6VM

RE 91604/06.12
Replaces: 07.09

1/80

Data sheet

Series 63
Size Nominal pressure
28 to 200 400 bar/450 bar
250 to 1000 350 bar/400 bar
Open and closed circuits



Contents

Ordering code for standard program	2	- Variable motor with axial tapered piston rotary group of bent-axis design, for hydrostatic drives in open and closed circuits
Technical data	5	- For use in mobile and stationary applications
HD – Proportional control hydraulic	10	- The wide control range enables the variable motor to satisfy the requirement for high speed and high torque.
EP – Proportional control electric	14	- The displacement can be infinitely changed from $V_{g \max}$ to $V_{g \min} = 0$.
HZ – Two-point control hydraulic	18	- The output speed is dependent on the flow of the pump and the displacement of the motor.
EZ – Two-point control electric	19	- The output torque increases with the pressure differential between the high-pressure and low-pressure side and with increasing displacement.
HA – Automatic control high-pressure related	21	- Wide control range with hydrostatic transmissions
DA – Automatic control speed-related	27	- Wide selection of control devices
Electric travel direction valve (for DA, HA, R)	29	- Cost savings through elimination of gear shifts and possibility of using smaller pumps
Dimensions 28 to 1000	30	- Compact, robust motor with long service life
Connector for solenoids	70	- High power density
Flushing and boost pressure valve	71	- Good starting characteristics
Counterbalance valve BVD and BVE	73	- Small swing torque
Swivel angle indicator	77	
Speed sensors	78	
Installation instructions	79	
General instructions	80	

	A6V		M				/	63 W	-	V							官方				
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22

01	Mineral oil and HFD. HFD for sizes 250 to 1000 only in combination with long-life bearings "L" (without code)	
	HFB, HFC hydraulic fluid	Sizes 28 to 200 (without code)
		Sizes 250 to 1000 (only in combination with long-life bearings "L")

A6V

03	Standard bearing (without code)	●	●	●	●	-	
	Long-life bearing	-	●	●	●	●	L

	M
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28	55	80	107	140	160	200	250	355	500	1000
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	Proportional control hydraulic		$\Delta p = 10 \text{ bar}$	●	●	●	●	●	●	●	●	●	●	●	●	HD1	
			$\Delta p = 25 \text{ bar}$	●	●	●	●	●	●	●	●	●	●	●	●	●	HD2
			$\Delta p = 35 \text{ bar}$	●	●	●	●	●	●	●	●	●	●	●	●	●	HD3
				●	●	●	●	●	●	●	●	●	●	●	●	●	HZ
				●	●	●	●	●	●	●	●	●	●	●	●	●	HZ1
				●	●	●	●	●	●	●	●	●	●	●	●	●	HZ3
	Proportional control electric	12 V	●	●	●	●	●	●	●	●	●	●	●	●	●	EP1	
		24 V	●	●	●	●	●	●	●	●	●	●	●	●	●	EP2	
	Two-point control electric	12 V	●	-	-	-	●	●	●	●	●	●	●	●	●	EZ1	
24 V		●	-	-	-	●	●	●	●	●	●	●	●	●	EZ2		
12 V		-	●	●	●	-	-	-	-	-	-	-	-	-	EZ3		
24 V		-	●	●	●	-	-	-	-	-	-	-	-	-	-	EZ4	
Automatic control high-pressure related	with minimum pressure increase $\Delta p \leq \text{approx. } 10 \text{ bar}$		●	●	●	●	●	●	●	●	●	●	●	●	HA1		
	with pressure increase $\Delta p = 100 \text{ bar}$		●	●	●	●	●	●	●	●	●	●	●	●	●	HA2	
Automatic control speed-related	$p_{Si}/p_{HD} = 3/100$	hydraulic travel direction valve	-	-	-	-	-	-	-	●	●	●	○		DA		
	$p_{Si}/p_{HD} = 5/100$	hydraulic travel direction valve	●	●	●	●	●	●	●	-	-	-	-		DA1		
		electric travel direction valve + electric $V_{g\max}$ -circuit	12 V	●	●	●	●	●	●	●	-	-	-	-		DA2	
			24 V	●	●	●	●	●	●	●	-	-	-	-		DA3	
	$p_{Si}/p_{HD} = 8/100$	hydraulic travel direction valve	●	●	●	●	●	●	●	●	-	-	-	-		DA4	
		electric travel direction valve + electric $V_{g\max}$ -circuit	12 V	●	●	●	●	●	●	●	-	-	-	-		DA5	
			24 V	●	●	●	●	●	●	●	●	-	-	-	-		DA6

07	Without pressure control (without code)		●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Pressure control	fixed setting	●	●	●	●	●	●	●	●	●	●	●	●	●	●	D
		hydraulic override, two-point	●	●	●	●	●	●	●	1)	1)	1)	1)	1)	1)	1)	E
		hydraulic remote control, proportional	-	-	-	-	-	-	-	●	●	●	●	●	●	●	G

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01	02	03	04	05	06	07	08		09	10	11		12	13	14	15	16	17	18	19	20

Looking for more?

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
KAWASAKI	AP2D25/36
	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
KOMATSU	GM18/35VL/35VA
	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
CAT	SBS80/120/140 CAT312C/320C/325C
	CAT320 (AP-12)
	CAT12G/14G/16G/120G/140G
	SPK10/10(E200B) SPV10/10(MS180)
	EATON 3331/4621(4631)/5421 (5431)/6423/7620(7621)
	PVE19/21 TA19

EATON Brand Name	Model Number (If you can't find what you want, please contact us for help)
	PVH45/57/74/98/131/141
	PVB92
TOSHIBA	SG02/04/08/12/15/17/20/25 SWING
	GM03/05/06/07/08/09/10/17/18/20/23
NABTESCO TRAVEL	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
	PV90R30/42/55/75/100/130/180/250
SAUER	PV20/21/22/23/24/25/26/27
	MPV025/035/044/046 MPT025/035/044/046



HALCYON

Company Profile

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



Material

Machining

Inspecting



Assembling

Testing

shipping

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.



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