



SG08 Excavator Swing Motor For SH200A3 SH200A1 HD700V2 E200B Crawler Excavator

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: HALCYON
- Model Number: SG08
- 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

- Warranty: 6month
- Application: Excavator
- Part Name: Swing Motor
- Type: Hydraulic Motors
- Condition: 100% New
- After-sales Service Provided: Video Technical Support



More Images



Product Description

Product Description

**HALCYON**

Product Description

SG08 SH200A3 Swash plate plunger motor

1. Product application:

excavators, drilling rigs, garden machinery and other small travel machinery up to 4 tons;

2. Product characteristics

- Rated pressure PN 210 bar, maximum pressure Pmax 300 bar.
- Total power control, short control time, energy saving and high efficiency;
- Special "single inlet and four outlet" oil port, which can better meet the small flow rate of multi-loop hydraulic system;
- High-quality ductile iron cylinder body and double alloy port plate, which are well suited to the use of light engine;
- Flexible power adjustment according to needs, better meet the needs of various working conditions;
- Swash Plate structure for hydrostatic transmission in open loop systems;
- Flow rate proportional to drive speed and displacement, infinitely adjustable by adjusting the swash plate angle;
- Good oil suction performance, low noise level;
- Compact and lightweight construction with high power/weight ratio;

High power density and high rotational speed: It can provide high torque density with a rotational speed of up to 3000r/min, enabling rapid start-stop and precise speed control. It is suitable for occasions with high requirements for speed and power.

Multiple power supply adaptations: There are various power supply specifications available, such as single-phase AC200V and three-phase AC200V, which can meet the power supply needs of different equipment.

High encoder accuracy: It adopts a 13-bit relative value serial encoder, which can provide high-resolution feedback of position, speed, and acceleration, ensuring the accuracy of motion control.

Excellent protection performance: Some models are designed with the IP67 waterproof standard, allowing them to be used in relatively harsh environments and enhancing the motor's environmental adaptability.

Strong control functions: Equipped with a new advanced automatic tuning function, it can automatically identify load characteristics and optimize control parameters, achieving a high responsiveness of over 1kHz. It can also suppress load fluctuations through the vibration suppression function, shorten positioning time, and realize smooth mechanical control.

Rich safety functions: Some models are equipped with safety modules in accordance with relevant standards, featuring safety functions such as Safe Torque Off (STO) and Safe Stop 1 (SS1), which can easily achieve the optimal safety design of mechanical systems.

Simple debugging and maintenance: The setting wizard function and wiring confirmation function of the engineering tool SigmaWin+ can be used. With the help of the online automatic adjustment function, the servo system can be automatically adjusted to match the mechanical characteristics. In addition, maintenance is relatively simple by monitoring items such as time through parameter changes.

Displacement	55/31.37ml/r
Working pressure	28Mpa
Input flow	90L/min
Output speed	1636/2869r/min
Brake torque	144.6N*m



Looking for more?

We can offer perfect interchangeable replacements of many world's renowned brands including Rexroth, Eaton, Parkers, Kawasaki, Tokimec, 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



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.

Tags:

Excavator Swing Motor,

Swing Motor In Excavator,

Excavator Hydraulic Swing Motor



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