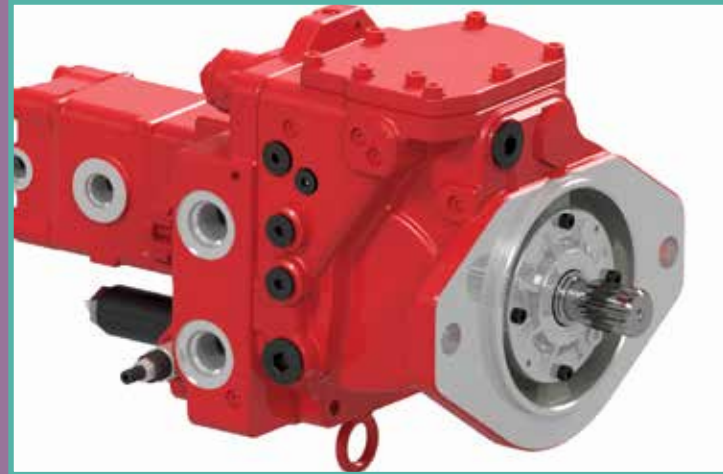


SWASH PLATE TYPE AXIAL PISTON PUMP

K7SP36

The K7SP36 swash plate type axial piston pump is a new, compact, double pump for mini excavators and other industrial vehicles.

This pump has been developed on the basis of the K3V/K5V series pumps which have been widely used as piston pumps for construction machines in particular.



Features

1. Small installation dimensions

The K7SP36 pump can supply two separate flows by using the well-designed special cylinder and valve plate. Therefore, this series has realized remarkably small installation dimensions as compared with the conventional double pumps. A relief valve and a proportional reducing valve can be installed inside the pump to reduce the number of assembling hoses and pipes.

2. High reliability

Remarkable high reliability has been achieved by reinforcing rotary parts.

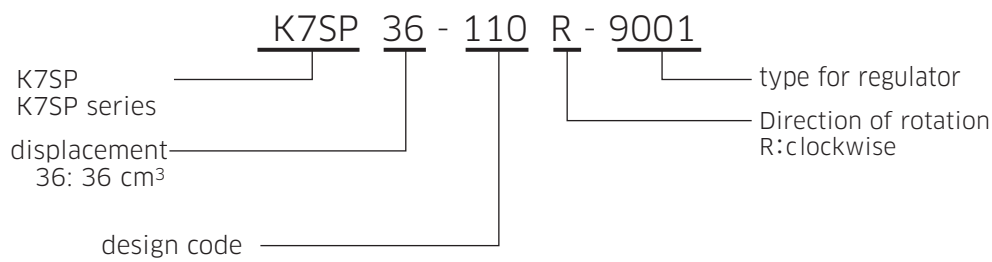
3. Low noise

Remarkable noise reduction has been achieved by the latest technologies for noise reduction based on our original research.

4. Option

An optional pump can be installed on the pump end, it is possible to apply common-suction type one.

Ordering Code



Specifications

displacement		[cm ³]	36 × 2
pressure	[MPa]	rated ^{*1}	30
		max.	32
speed	[min ⁻¹]	max. for self-priming	2,300
max. input torque of double pump type			[N·m] 300
mass			[kg] 52
hydraulic fluid	type		antiwear hydraulic fluid
	oil temperature range		[°C] -20 ~ +95
	oil viscosity range		[mm ² /s] 10 ~ 1,000
	filtration	suction line	[mesh] 80 ~ 150
		戻りライン return line	[μm] ノミナル 10 nominal 10

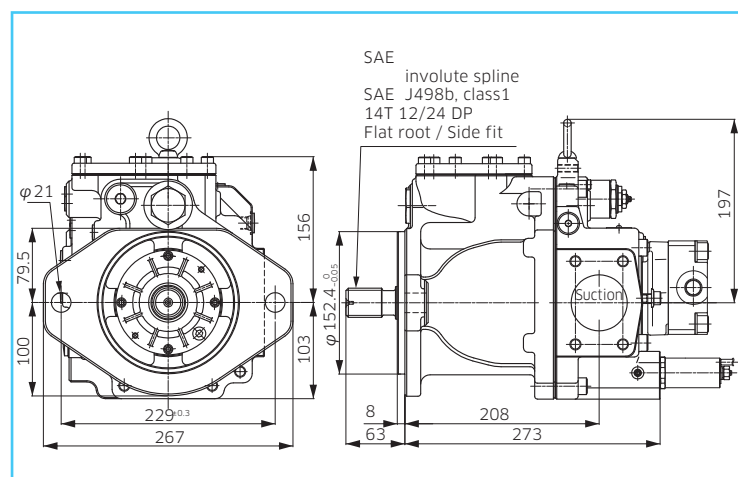
- 1 Pressure to which guarantee of performance, functions or service life is applied. Durability is unlimited (except for the bearing life).
- 2 At max. displacement. In case of engine driving, max. idling speed should be below this value. This suction pressure should be -0.01 MPa and above.
- 3 When other kinds of fluid would be used, please consult with us.

Summary of Regulators

● Horsepower Control

code	control type	control curve
2	total horsepower control	<p>P2 : companion pump pressure</p>
9	variable horsepower control by power shift pressure.	<p>Pf : power shift pressure</p>
	variable horsepower control by delivery pressure of P3	<p>P3 : option pump pressure</p>

Dimensions



● Materials and specifications are subject to change without manufacturer's obligation.