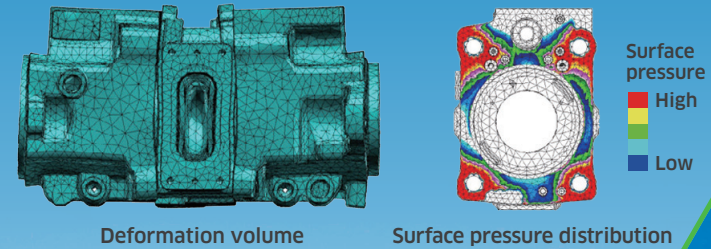


# Hydraulic Pump for Excavators (K7V)

A world leader in environmental performance,  
offering higher efficiency and lower noise

The K7V's pump efficiency is improved by 1.5 points and its noise level reduced by 3 dB (A) compared with the K3V series, its widely popular predecessor, to make it one of the world's top environmental performers on both counts.

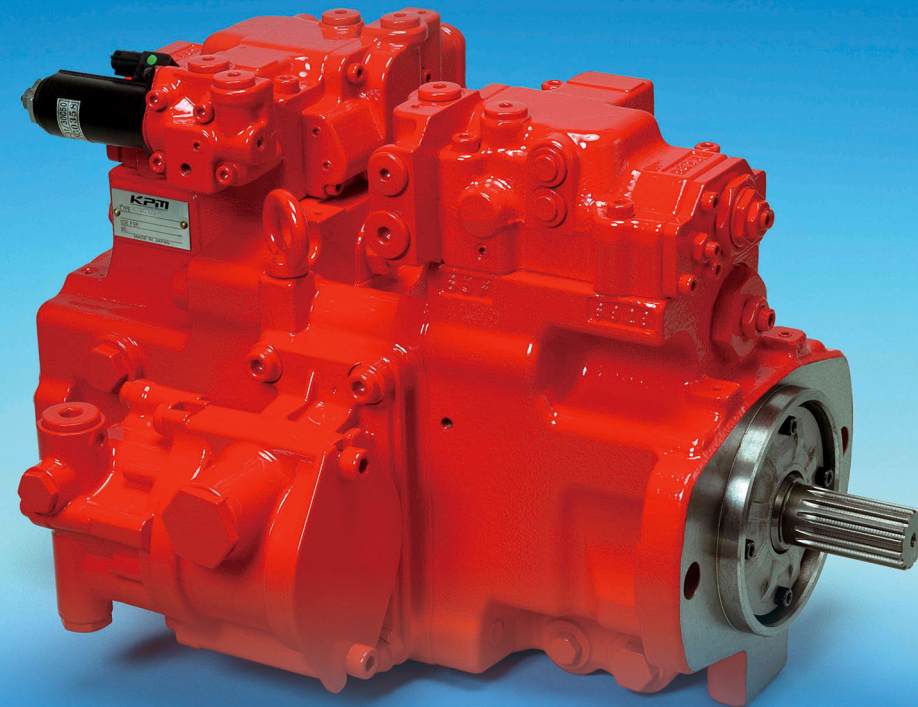
## Pump Casing Deformation Analysis



**2023**

**Kawasaki  
Ecological Frontiers  
S class**

Initial registration: 2014



### Product Description

Used widely in construction machinery, particularly hydraulic excavators, the K7V series of hydraulic pumps meets recent market requirements for high efficiency, low noise, compact size and high reliability.

### Features

- Improved efficiency, because leakage from sliding parts and torque loss are reduced
- Lower noise and vibration, thanks to suppression of surge pressure and higher casing rigidity
- Complete review of dimensional data resulted in shorter total length
- Longer service life achieved through use of thicker shaft and large-capacity bearings