

Making KYB Vane Pumps into a Series Product

Included in the High Pressure Aluminum Vane Pump for Power Steering of Trucks (page 47)

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Major PS pump models

KYB has the vane pump product lineup for hydraulic power steering (PS) listed below to meet customer needs. The following introduces major models and their features:

1. BB

A high-delivery volume, high-pressure cast iron model for medium to large trucks. The bottom of the pump body is round as its name "Bottle Bottom" implies. BB has been continuously manufactured for about 40 years since the late 1970s.

2. 1K

A high-pressure cast iron model for small to medium trucks. 1K has been manufactured since the early 1980s and is the original of the subsequent "K" series.

3. 3K

A 1K-based smaller cast iron model for passenger cars.

4. 4K2

An aluminum-body model for passenger cars. 4K2 used the aluminum die-cast body for the first time in the world.

5. 4KS ("Small"/"Standard")

A model for passenger cars with an aluminum cover. 4KS is a standard model manufactured in both domestic and international production sites.

6. 4KW ("World No.1")

An aluminum model for mass production on dedicated high-speed production line.

7. 4KL ("Large")

An aluminum model with a higher delivery volume for medium to large passenger cars including sport utility vehicles (SUVs).

8. 4KL3

An aluminum model with an even higher pressure for medium trucks.

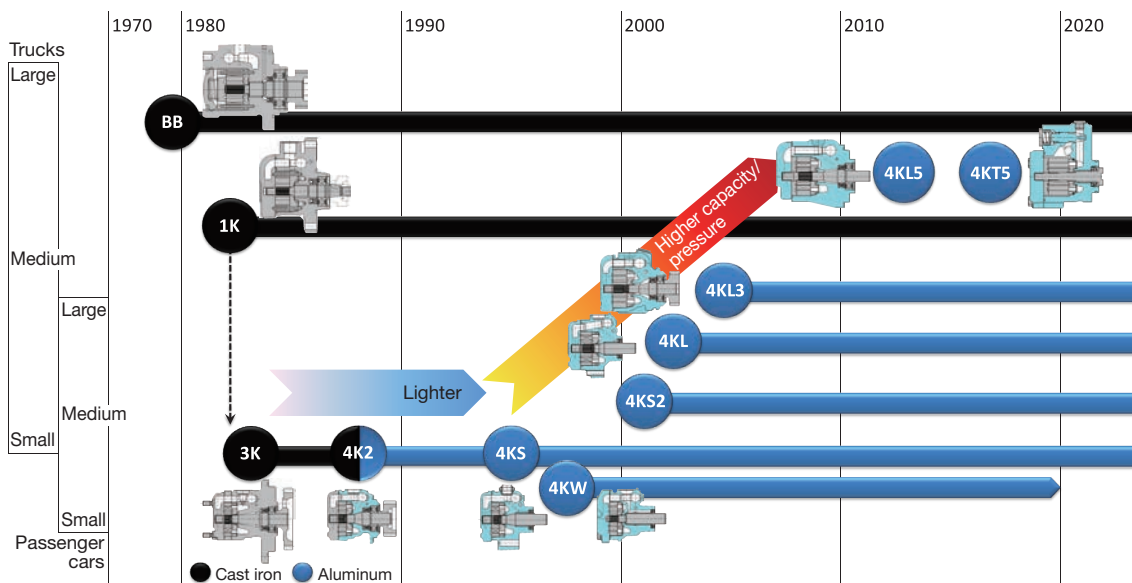


Fig. 1 Historical lineup of PS pumps