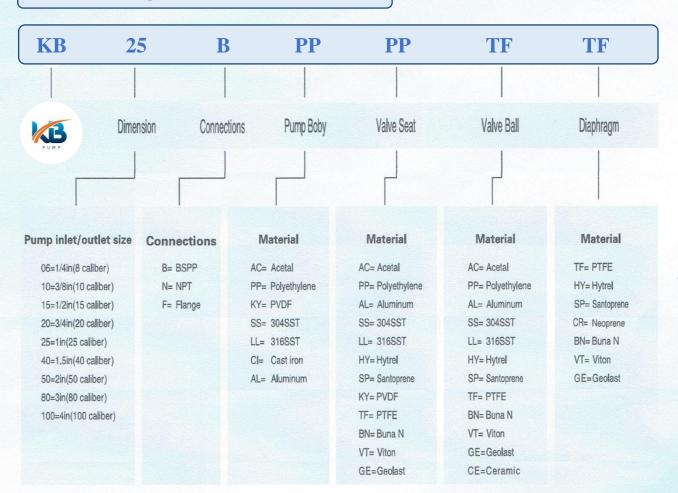


# **KB Pumps Model Selection Guide**



## **Materials and Suitable Temperature**

## Sealing and diaphragm

| Fluoroelastomer Viton $\cdots$ -40° F(-40°C)-350° F(176.6°C) |
|--|
| PTFE, Teflon · · · · · · · 40° F(4.4℃)–350° F(176.6℃)        |
| Santoprene · · · · · · -20° F(-28.9°C)-220° F(104.4°C)       |
| TPE Hytrel · · · · · · -20° F(-28.9 ℃)-220° F(104.4 ℃)       |
| UHMWPE, Polyethylene · · · · · 0° F(-17.7°C)-140° F(60°C)    |
| Leather · · · · · · 0° F(-17.7℃)-200° F(93.3℃)               |
| Neoprene · · · · · · 0 ° F(-17.7 °C)-212 ° F(100 °C)         |
| Buna−N·····-40° F(−40°C)−250° F(121°C)                       |
| Polyurethane · · · · · · · -40° F(-40°C)-200° F(93.3°C)      |

### Body cavity flow

| Acetal ······40° F(4.4℃)-150° F(65.5℃                      | ) |
|--|---|
| PP, Polypropylene · · · · · · · · 40° F(4.4℃)–150° F(65.5℃ | ) |
| Kynar, PVDF ·······40° F(4.4°C)-200° F(93.3°C              | ) |

## **KB AODD Pump Features:**

- Explosion-proof, zero leak, simple operation
- · Idling capability, Self suction, No complex control
- · Can transmit the adhesive liquid and large particles
- · low shearing, Not easy to destroy material structure
- Diversity of material, no rotating parts, applicable to various erosive situations
- · By changing the air supply to adjust the flow delivery
- By changing the air pressure to adjust the pump lift
- · Once over-loading, the pump will automatically stop
- · No mechanical seat, easy maintenance, low cost.
- Modularization of main valve and air motor, No broken, easy to disassemble and repair.

#### Note

- 1. The above material temperature limit did not involve external conditions such as pressure difference.
- Suction height changes with the different combinations of ball, seat and the diaphragm materials.