

# 油叶片泵 OIL VANE PUMP

## YBZ【旋转叶片泵系列 ROTARY VANE PUMP SERIES】

### 概论 MAIN FEATURES

Yb系列自吸式旋转叶片泵，内置溢流阀，以带叶片的转子液体传输。材质上采用球墨铸铁配合自润滑的叶片结构，性能优良，可以用来传输粘性的和挥发性的液体，比同等的泵功率更低。在低转速大流量的传输中更具明显优势。

The Yb series self-priming rotary vane pump features a built-in relief valve and utilizes a vane rotor for liquid transfer. Made of ductile iron with self-lubricating vanes, it offers excellent performance and can be used to transfer viscous and volatile liquids, while requiring less power than comparable pumps. It offers significant advantages in low-speed, high-flow transfers.

### 技术说明Technical Specification

|                                         |          |          |          |
|-----------------------------------------|----------|----------|----------|
| 型号 Model:                               | YBZ-50   | YBZ-65   | YBZ-80   |
| 额定转速 Rated speed:                       | 650RPM   | 650RPM   | 500RPM   |
| 流量 Flow rate:                           | 300L/min | 460L/min | 835L/min |
| 压力 Electric machine:                    | 0.345MPa |          |          |
| 马力 Horse power :                        | 3.2hp    | 4.7hp    | 11.2hp   |
| 5m 高度自吸时间<br>Suction time to 5m height: | 15s      | 10s      | 10s      |
| 功率 Power:                               | 2.2kw    | 4kw      | 7.5kw    |

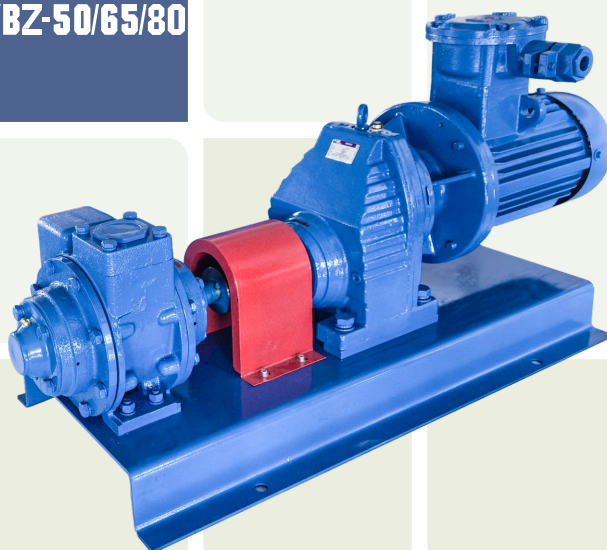
### 技术说明Technical Specification

|                                         |                    |                  |                    |
|-----------------------------------------|--------------------|------------------|--------------------|
| 型号 Model:                               | YB-50              | YB-65            | YB-80              |
| 最大工作压力 Max Working Pressure:            | 0.5MPa             |                  |                    |
| 工作压力 Working Pressure:                  | 0.345MPa           |                  |                    |
| 电机 Electric machine:                    | 380V 2.2KW 1450RPM | 380V 4KW 1450RPM | 380V 7.5KW 1450RPM |
| 环境温度 Ambient Temperature:               | -25℃ ~ +55℃        |                  |                    |
| 连接方式 Connection:                        | NPT2"              | NPT2 1/2"        | NPT3"              |
| 5m 高度自吸时间<br>Suction time to 5m height: | 15s                | 10s              | 10s                |

### 技术说明Technical Specification

| 流量 Flow rate |                                                                                            |          |        |          |        |          |        |          |        |          |        |          |        |
|--------------|--------------------------------------------------------------------------------------------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|
| 型号<br>Model  | <div> <div>转速<br/>Speed</div> <div>流量<br/>Flow rate</div> <div>尺寸<br/>Flanges</div> </div> | 650转 RPM |        | 600转 RPM |        | 550转 RPM |        | 500转 RPM |        | 450转 RPM |        | 400转 RPM |        |
|              |                                                                                            | G/ min   | L/ min | G/ min   | L/ min | G/ min   | L/ min | G/ min   | L/ min | G/ min   | L/ min | G/ min   | L/ min |
| YB-50        | 50mm/2"                                                                                    | 80       | 300    | 72       | 270    | 64       | 240    | 56       | 210    | 48       | 180    | 40       | 150    |
| YB-65        | 65mm/2.5"                                                                                  | 132      | 500    | 123      | 456    | 114      | 430    | 103      | 390    | 93       | 350    | 82       | 310    |
| YB-80        | 80mm/3"                                                                                    | 270      | 1025   | 250      | 950    | 227      | 860    | 198      | 750    | 184      | 700    | 158      | 600    |

YBZ-50/65/80



YB-50/65/80

