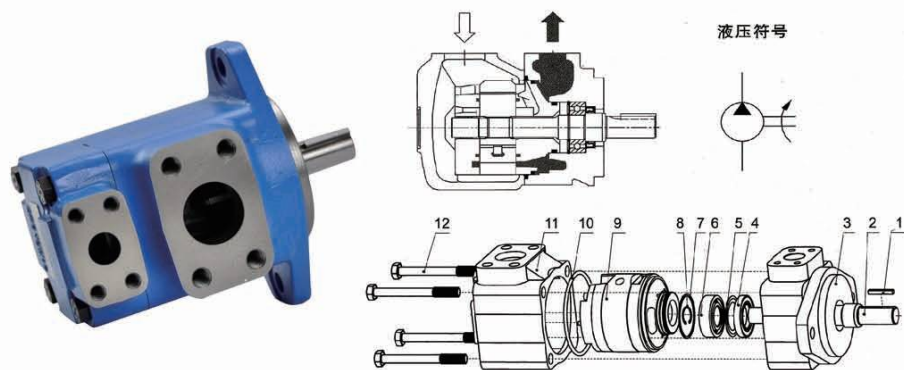


## V系列单泵



| 序号 | 名称 | 数量 | 序号 | 名称     | 数量 | 序号 | 名称    | 数量 |
|----|----|----|----|--------|----|----|-------|----|
| 1  | 平键 | 1  | 5  | 垫片     | 1  | 9  | 泵芯    | 1  |
| 2  | 轴  | 1  | 6  | 滚动轴承   | 1  | 10 | O型圈   | 1  |
| 3  | 前盖 | 1  | 7  | 叠形挡圈   | 1  | 11 | 后盖    | 1  |
| 4  | 油封 | 1  | 8  | 轴用弹性挡圈 | 1  | 12 | 六角头螺栓 | 4  |

适用于塑胶机械、鞋革机械、机床、压铸及冶金设备的高性能子母叶片泵。

主要特点为:

- 1、采用子母叶片及液压平衡的结构，减少了叶片对定子的压力，其性能更稳定，寿命更长。
- 2、十二叶片制减少了，流量脉动的振幅，系统噪声特性低。
- 3、多排量，多轴伸及进出油口四种不同的相对位置，使用户使用更灵活。
- 4、泵芯的插装式结构，现场维修更方便。

## 型号说明

| (F3-)                                  | 25V | 19                              | A              | -1                                | A                                                              | 22  | R                              |
|----------------------------------------|-----|---------------------------------|----------------|-----------------------------------|----------------------------------------------------------------|-----|--------------------------------|
| 前注                                     | 系列号 | ▲排量代号                           | 油口连接           | 轴伸形式                              | 出油口位置                                                          | 设计号 | 旋转方向                           |
| 无标记<br>石油系油<br>乳化液<br>水-乙二醇<br>F3:磷酸酯液 | 20V | 2、3、4、5、6、7、8、9、10、<br>11、12、14 | A-SAE<br>4螺栓法兰 | 1-平键轴<br>151-花键轴                  | (从泵的盖端看)<br>A-进油口对侧<br>B-从进油口逆时针90°<br>C-进油口同侧<br>D-从进油口顺时针90° | 22  | (从泵的轴端看)<br>L-逆时针旋转<br>R-顺时针旋转 |
|                                        | 25V | 10、12、14、15、17、19、21、25         |                | 1-平键轴<br>86-重型平键轴<br>11-花键轴Spline |                                                                |     |                                |
|                                        | 35V | 21、25、30、32、35、38、45、           |                |                                   |                                                                |     |                                |
|                                        | 45V | 42、45、50、57、60、66、75            |                |                                   |                                                                |     |                                |

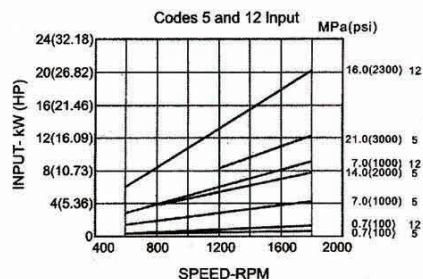
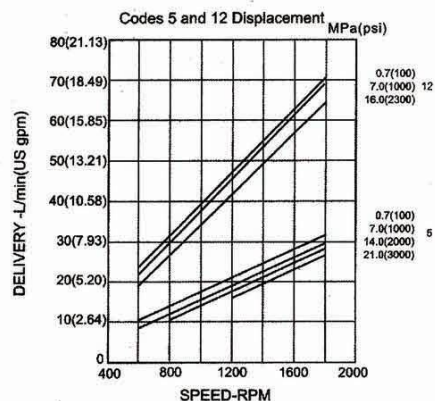
▲在1200r/min和0.69MPa ( 100psi ) 下的额定排量USgpm。

## 技术参数

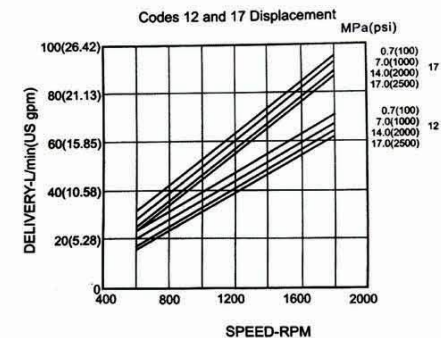
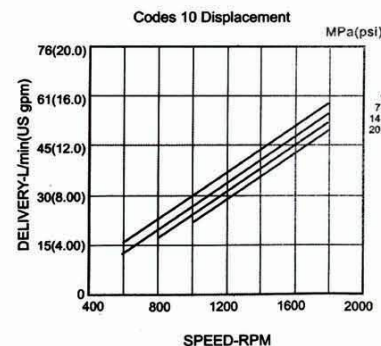
| 系列号 | 排量代号<br>(USgpm) | 理论排量<br>mL/r(in³/r) | 使用抗磨液压油或磷酸酯 |            | 使用水-乙二醇   |            | 使用油包水乳化液  |            | 最低转速<br>r/min |      |
|-----|-----------------|---------------------|-------------|------------|-----------|------------|-----------|------------|---------------|------|
|     |                 |                     | 最高使用压力Mpa   | 最高转速 r/min | 最高使用压力Mpa | 最高转速 r/min | 最高使用压力Mpa | 最高转速 r/min |               |      |
| 20V | 2               | 7.5(0.46)           | 13.8        | 1800       | 13.8      | 1500       | 6.9       | 1200       | 600           |      |
|     | 3               | 10(0.61)            |             |            |           |            |           |            |               |      |
|     | 4               | 13(0.79)            |             |            |           |            |           |            |               |      |
|     | 5               | 16.5(1.01)          | 20.7        |            | 15.9      |            |           |            |               | 13.8 |
|     | 6               | 19(1.16)            |             |            |           |            |           |            |               |      |
|     | 7               | 23(1.40)            |             |            |           |            |           |            |               |      |
|     | 8               | 27(1.67)            |             |            |           |            |           |            |               |      |
|     | 9               | 30(1.85)            |             |            |           |            |           |            |               |      |
|     | 10              | 32(1.95)            |             |            |           |            |           |            |               |      |
|     | 11              | 36(2.20)            |             |            |           |            |           |            |               |      |
|     | 12              | 40(2.44)            | 15.9        |            |           |            |           |            |               |      |
|     | 14              | 45(2.78)            | 13.8        |            |           |            |           |            |               |      |
| 25V | 10              | 32.5(1.98)          | 17.2        | 1800       | 15.9      | 1500       | 6.9       | 1500       | 600           |      |
|     | 12              | 39 ( 2.38 )         |             |            |           |            |           |            |               |      |
|     | 14              | 45 ( 2.78 )         |             |            |           |            |           |            |               |      |
|     | 15              | 47 ( 2.89 )         |             |            |           |            |           |            |               |      |
|     | 17              | 55 ( 3.36 )         |             |            |           |            |           |            |               |      |
|     | 19              | 60 ( 3.66 )         |             |            |           |            |           |            |               |      |
|     | 21              | 67 ( 4.13 )         |             |            |           |            |           |            |               |      |
|     | 25              | 81 ( 4.94 )         |             |            |           |            |           |            |               |      |
| 35V | 21              | 67(4.13)            | 17.2        | 1800       | 15.9      | 1500       | 6.9       | 1500       | 600           |      |
|     | 25              | 81(4.94)            |             |            |           |            |           |            |               |      |
|     | 30              | 97(5.91)            |             |            |           |            |           |            |               |      |
|     | 32              | 101(6.16)           |             |            |           |            |           |            |               |      |
|     | 35              | 112(6.83)           |             |            |           |            |           |            |               |      |
|     | 38              | 121(7.37)           |             |            |           |            |           |            |               |      |
|     | 45              | 147(8.95)           | 13.8        |            |           |            |           |            |               |      |
| 45V | 42              | 138(8.41)           | 17.2        | 1800       | 15.9      | 1500       | 6.9       | 1500       | 600           |      |
|     | 45              | 147(8.95)           |             |            |           |            |           |            |               |      |
|     | 50              | 162(9.85)           |             |            |           |            |           |            |               |      |
|     | 57              | 181(11.05)          |             |            |           |            |           |            |               |      |
|     | 60              | 193(11.75)          |             |            |           |            |           |            |               |      |
|     | 66              | 212(12.93)          |             |            |           |            |           |            |               |      |
|     | 75              | 237(14.46)          | 13.8        |            |           |            |           |            |               |      |

特性曲线【50°C, 10W油 (26cst) 进口口压力0Mpa】

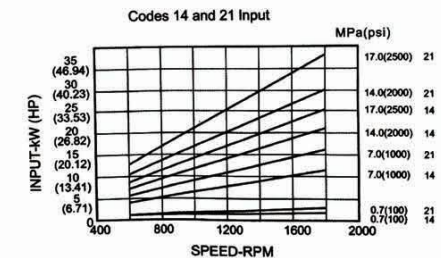
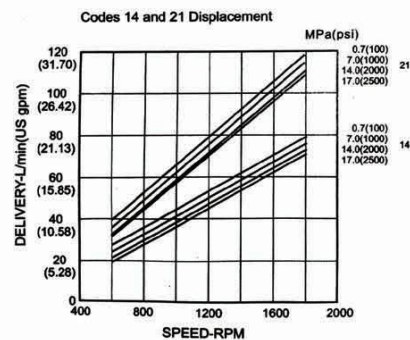
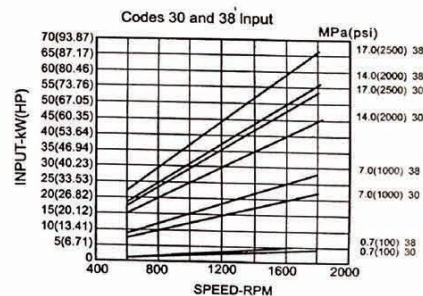
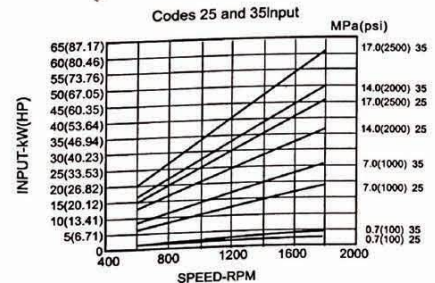
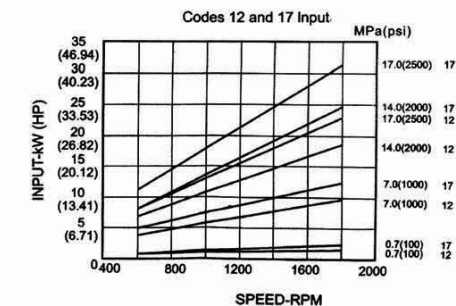
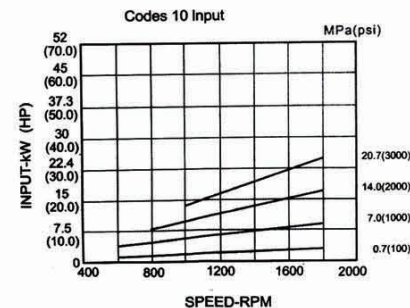
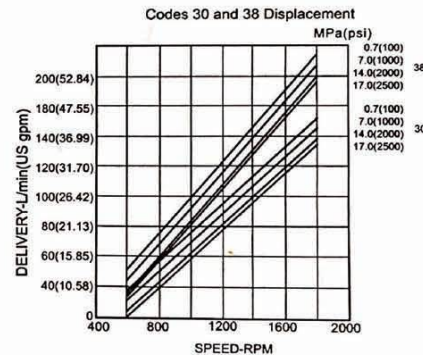
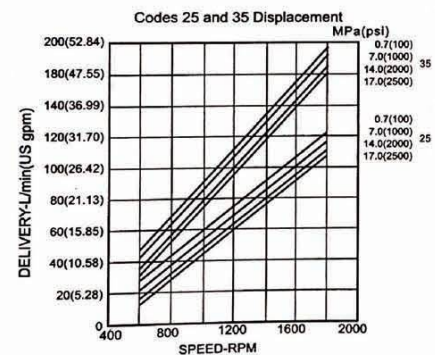
20V



25V

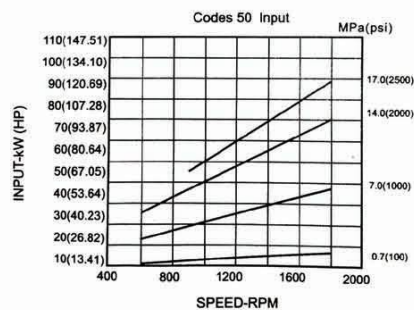
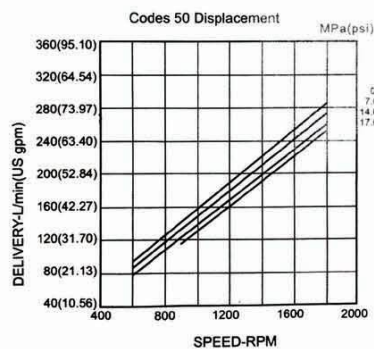
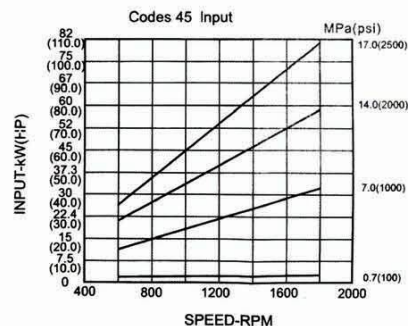
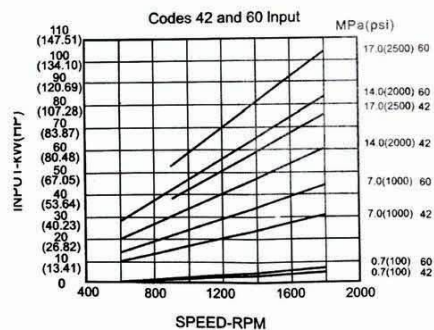
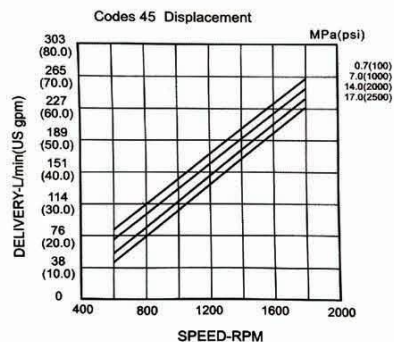
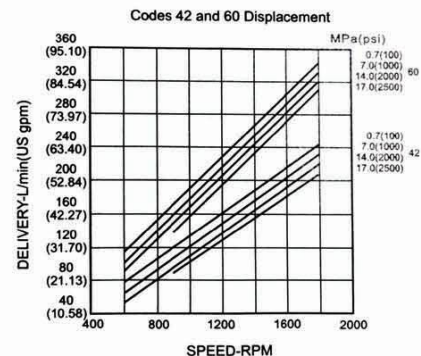


35V



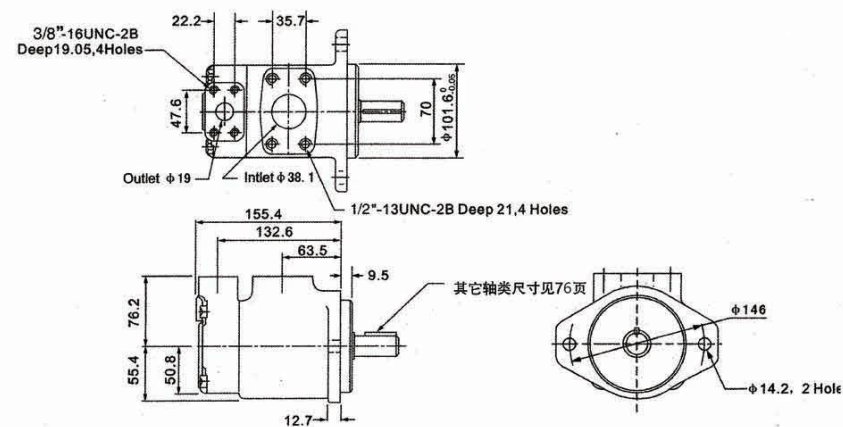
特性曲线【50°C, 10W油 (26cst) 进口口压力0MPa】

45V

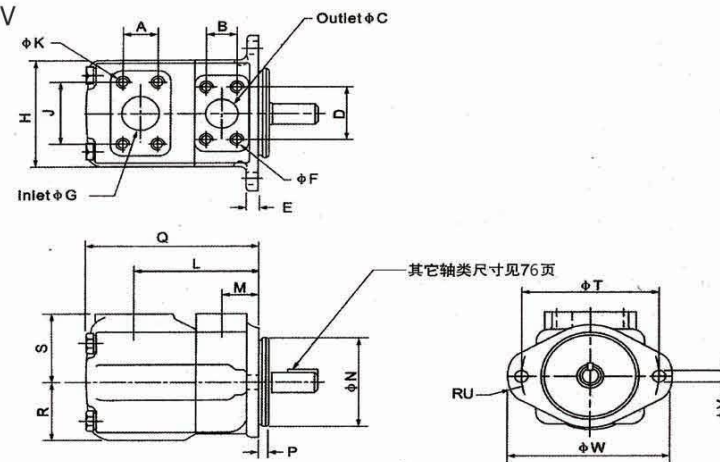


安装连接尺寸

20V



25V,35V,45V



| 型号  | A    | B    | ΦC   | D    | E    | ΦG   | H                  | J     | L     | M    | N                 | P    | Q     | R    |
|-----|------|------|------|------|------|------|--------------------|-------|-------|------|-------------------|------|-------|------|
| 25V | 35.7 | 26.2 | 25.4 | 52.4 | 12.7 | 38.1 | 118                | 69.9  | 121   | 38.1 | 101.60/101.55     | 9.53 | 162.1 | 63.5 |
| 35V | 42.9 | 30.2 | 31.8 | 58.7 | 16   | 50.8 | 140                | 77.8  | 125.5 | 38.1 | 127.00/126.95     | 9.53 | 185   | 69.9 |
| 45V | 61.9 | 35.7 | 38.1 | 69.9 | 16   | 76.2 | 159                | 106.4 | 153   | 43   | 127.00/126/95     | 12.7 | 216   | 82.6 |
| 型号  | S    | T    | RU   | ΦV   | W    | ΦX   | ØFX螺纹深度, 4孔        |       |       |      | ØKX螺纹深度, 4孔       |      |       |      |
| 25V | 76.2 | 146  | 14   | 14.2 | 175  | 121  | 3/8-16UNC-2BX19.1  |       |       |      | 1/2-13UNC-2BX23.8 |      |       |      |
| 35V | 82.6 | 181  | 16   | 17.5 | 213  | 148  | 7/16-14UNC-2BX22.3 |       |       |      | 1/2-13UNC-2BX22.3 |      |       |      |
| 45V | 93.7 | 181  | 16   | 17.5 | 213  | 148  | 1/2-13UNC-2BX23.8  |       |       |      | 5/8-11UNC-2BX25.4 |      |       |      |