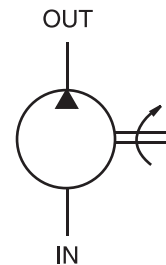




## SYMBOL



## FEATURES

- Same basic design as VPNC Series.
- Special design consideration has been given to prevent cavitation.
- Extremely smooth and quiet operation, particularly suitable for in-plant applications.
- Maximum working pressure 70BAR(1000PSI), ideal to use as a low pressure pump in High-Low system because of price and performance.
- (Viewed from the shaft end) clockwise rotation.
- (Viewed from the shaft end) inlet port is located at the left side, and the outlet port at the right side.

## HOW TO ORDER

**VPNE - F 116 - 2 - 30 - (N)**

PORTS :  
NO CODE : PT  
N : NPT

DESIGN NUMBER.

PRESSURE RATING 7-70 BAR (100-1000PSI)

DISPLACEMENT cc/rev (See page 26)

F : FLANGE MOUNTING TYPE  
OMITTED : FOOT MOUNTING

FIXED DISPLACEMENT VANE PUMP

## FIXED DISPLACEMENT VANE PUMP VPNE SERIES

## SPECIFICATIONS

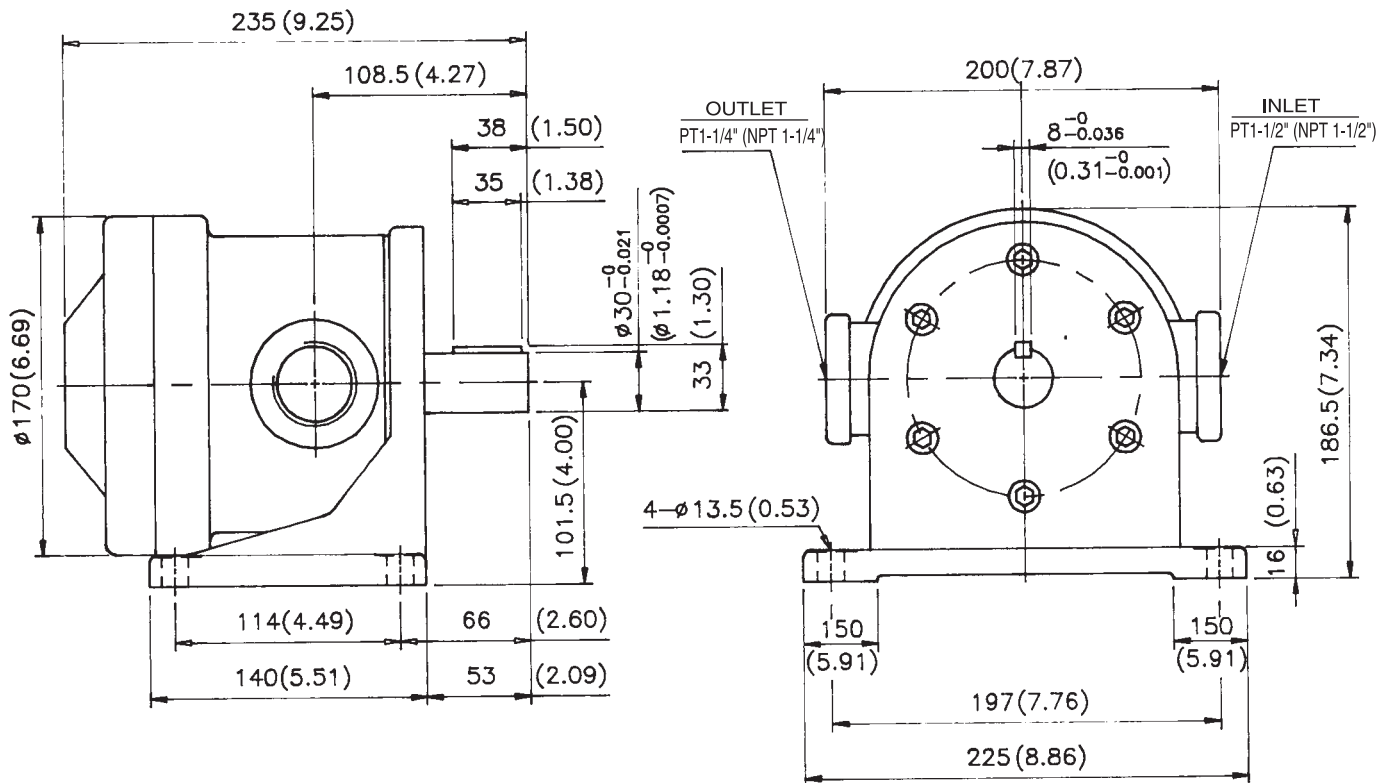
| MODEL           | MAX.<br>PRESSURE<br>BAR<br>(PSI) | CHARACTERISTICS WITH 20 CST FLUID |                           |                             |                              |                           |                             |                              | SHAFT SPEED<br>RANGE<br>(RPM) |      | WEIGHT<br>KGS(LBS) |                |
|-----------------|----------------------------------|-----------------------------------|---------------------------|-----------------------------|------------------------------|---------------------------|-----------------------------|------------------------------|-------------------------------|------|--------------------|----------------|
|                 |                                  | SPEED<br>OF<br>ROTATION<br>(RPM)  | DELIVERY LPM(GPM)         |                             |                              | POWER INPUT KW            |                             |                              |                               |      |                    |                |
|                 |                                  |                                   | BAR<br>(PSI)              | BAR<br>(PSI)                | BAR<br>(PSI)                 | BAR<br>(PSI)              | BAR<br>(PSI)                | BAR<br>(PSI)                 | MAX.                          | MIN. | FOOT<br>TYPE       | FLANGE<br>TYPE |
|                 |                                  |                                   | 5<br>(50)<br>BAR<br>(PSI) | 35<br>(500)<br>BAR<br>(PSI) | 70<br>(1000)<br>BAR<br>(PSI) | 5<br>(50)<br>BAR<br>(PSI) | 35<br>(500)<br>BAR<br>(PSI) | 70<br>(1000)<br>BAR<br>(PSI) |                               |      |                    |                |
| VPNE • 48-2-30  | 70(1000)                         | 1000                              | 47.0<br>(12.2)            | 43.5<br>(11.3)              | 40.0<br>(10.4)               | 0.9                       | 3.9                         | 7.2                          | 1500                          | 600  | 4.7<br>(10.36)     | 4.7<br>(10.36) |
|                 |                                  | 1200                              | 56.5<br>(14.7)            | 53.0<br>(13.8)              | 49.5<br>(12.9)               | 1.1                       | 4.7                         | 8.6                          |                               |      |                    |                |
|                 |                                  | 1500                              | 70.5<br>(18.3)            | 67.0<br>(17.4)              | 63.5<br>(16.5)               | 1.4                       | 5.8                         | 10.7                         |                               |      |                    |                |
| VPNE • 61-2-30  | 70(1000)                         | 1000                              | 60.0<br>(15.6)            | 56.5<br>(14.7)              | 53.0<br>(13.8)               | 1.1                       | 4.8                         | 8.8                          | 1500                          | 600  | 4.7<br>(10.36)     | 4.7<br>(10.36) |
|                 |                                  | 1200                              | 72.0<br>(18.7)            | 68.5<br>(17.8)              | 65.5<br>(16.9)               | 1.3                       | 5.7                         | 10.5                         |                               |      |                    |                |
|                 |                                  | 1500                              | 90.0<br>(23.4)            | 86.5<br>(22.5)              | 83.0<br>(21.6)               | 1.7                       | 7.1                         | 13.1                         |                               |      |                    |                |
| VPNE • 75-2-30  | 70(1000)                         | 1000                              | 73.7<br>(19.2)            | 70.5<br>(18.3)              | 65.0<br>(16.9)               | 1.3                       | 5.6                         | 10.3                         | 1500                          | 600  | 4.7<br>(10.36)     | 4.7<br>(10.36) |
|                 |                                  | 1200                              | 88.5<br>(23.0)            | 84.5<br>(22.0)              | 83.0<br>(21.6)               | 1.5                       | 6.7                         | 12.4                         |                               |      |                    |                |
|                 |                                  | 1500                              | 111.0<br>(28.9)           | 107.0<br>(27.8)             | 103.5<br>(21.1)              | 1.9                       | 8.3                         | 15.5                         |                               |      |                    |                |
| VPNE • 94-2-30  | 70(1000)                         | 1200                              | 92.5<br>(24.1)            | 88.0<br>(22.9)              | 82.5<br>(21.5)               | 1.4                       | 6.8                         | 12.8                         | 1200                          | 600  | 4.7<br>(10.36)     | 4.7<br>(10.36) |
|                 |                                  | 1500                              | 111.0<br>(28.9)           | 106.5<br>(27.7)             | 101.0<br>(26.3)              | 1.7                       | 8.3                         | 15.4                         |                               |      |                    |                |
| VPNE • 116-2-30 | 70(1000)                         | 1200                              | 116.0<br>(30.2)           | 110.0<br>(28.6)             | 103.0<br>(26.8)              | 1.7                       | 8.5                         | 16.1                         | 1200                          | 600  | 4.7<br>(10.36)     | 4.7<br>(10.36) |
|                 |                                  | 1500                              | 139.0<br>(36.1)           | 133.0<br>(34.6)             | 126.0<br>(32.8)              | 2.0                       | 10.3                        | 19.3                         |                               |      |                    |                |

## INSTALLATION DIMENSIONS

VPNE-\*\*\*\*-2 -30

UNIT : mm(inch)

FOOT MOUNTING



FIXED DISPLACEMENT VANE PUMP  
VPNE SERIES

INSTALLATION DIMENSIONS

VPNE- F\*\*\*\*-2-30

UNIT : mm(inch)

FLANGE TYPE

