

Алматы (7273)495-231  
Ангарск (3955)60-70-56  
Архангельск (8182)63-90-72  
Астрахань (8512)99-46-04  
Барнаул (3852)73-04-60  
Белгород (4722)40-23-64  
Благовещенск (4162)22-76-07  
Брянск (4832)59-03-52  
Владивосток (423)249-28-31  
Владикавказ (8672)28-90-48  
Владимир (4922)49-43-18  
Волгоград (844)278-03-48  
Вологда (8172)26-41-59  
Воронеж (473)204-51-73  
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06  
Ижевск (3412)26-03-58  
Иркутск (395)279-98-46  
Казань (843)206-01-48  
Калининград (4012)72-03-81  
Калуга (4842)92-23-67  
Кемерово (3842)65-04-62  
Киров (8332)68-02-04  
Коломна (4966)23-41-49  
Кострома (4942)77-07-48  
Краснодар (861)203-40-90  
Красноярск (391)204-63-61  
Курск (4712)77-13-04  
Курган (3522)50-90-47  
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13  
Москва (495)268-04-70  
Мурманск (8152)59-64-93  
Набережные Челны (8552)20-53-41  
Нижний Новгород (831)429-08-12  
Новокузнецк (3843)20-46-81  
Ноябрьск (3496)41-32-12  
Новосибирск (383)227-86-73  
Омск (3812)21-46-40  
Орел (4862)44-53-42  
Оренбург (3532)37-68-04  
Пенза (8412)22-31-16  
Петрозаводск (8142)55-98-37  
Пермь (8112)59-10-37  
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15  
Рязань (4912)46-61-64  
Самара (846)206-03-16  
Санкт-Петербург (812)309-46-40  
Саратов (845)249-38-78  
Севастополь (8692)22-31-93  
Саранск (8342)22-96-24  
Симферополь (3652)67-13-56  
Смоленск (4812)29-41-54  
Сочи (862)225-72-31  
Ставрополь (8652)20-65-13  
Сургут (3462)77-98-35  
Сыктывкар (8212)25-95-17  
Тамбов (4752)50-40-97  
Тверь (4822)63-31-35

Тольятти (8482)63-91-07  
Томск (3822)98-41-53  
Тула (4872)33-79-87  
Тюмень (3452)66-21-18  
Ульяновск (8422)24-23-59  
Улан-Удэ (3012)59-97-51  
Уфа (347)229-48-12  
Хабаровск (4212)92-98-04  
Чебоксары (8352)28-53-07  
Челябинск (351)202-03-61  
Череповец (8202)49-02-64  
Чита (3022)38-34-83  
Якутск (4112)23-90-97  
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

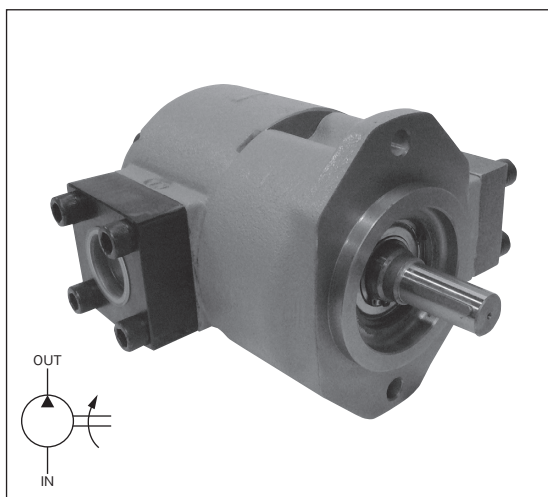
Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

<https://toyooki.nt-rt.ru> || [tik@nt-rt.ru](mailto:tik@nt-rt.ru)

## FIXED-DISPLACEMENT VANE PUMP (HVP-FC2)

### FIXED-DISPLACEMENT VANE PUMP (HVP-FC2)



#### Features

1. Higher performance is assured for a long period of time owing to the special hydraulic balancing method.
2. In addition to the standard type, the inlet port can be positioned at 90 degrees intervals for inlet port and 180 degrees intervals for outlet port.
3. Since the pipe connecting port is of flange mounting type, the pump can be installed or removed without disassembling the pipe.



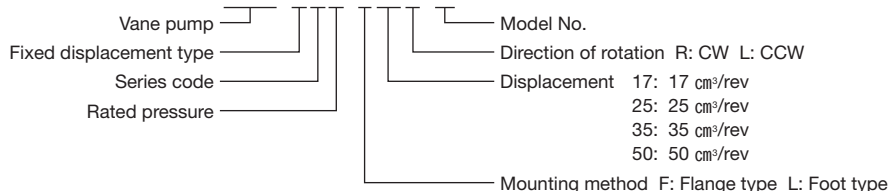
#### Cautions on use

Please read the Operating Manual carefully to ensure correct usage.

- The standard direction of rotation is clockwise, viewed from the shaft end.
- Standard position of suction inlet is to left and the same of discharge outlet is to right viewed from the shaft end.
- The pump can be used for R&O type and abrasion-resistant type hydraulic fluid applications.
- When water-glycol hydraulic fluid is used, a standard pump can be used. Maximum rotation speed, however, becomes 1,200 min<sup>-1</sup>. For brand names of water-glycol hydraulic fluid, please consult us."
- Rotating direction cannot be changed on the same pump.
- Please read the "Cautions on Using Pumps and Motors", A-2 and A-3 pages.

#### Description of the model designation

**HVP-FC2-L17R-A**



#### Specifications

| Model          | Displacement<br>(cm³/rev) | Pressure (MPa) |      | Discharge rate (L/min) |        |      |         |       | Input (kW) |        |      |         |       | Rotating speed (min⁻¹) |       |        |
|----------------|---------------------------|----------------|------|------------------------|--------|------|---------|-------|------------|--------|------|---------|-------|------------------------|-------|--------|
|                |                           | Rated          | Max. | 0.5MPa                 | 3.5MPa | 7MPa | 10.5MPa | 14MPa | 0.5MPa     | 3.5MPa | 7MPa | 10.5MPa | 14MPa | Rated                  | Max.  | Lowest |
| HVP-FC2-*17R-A | 17                        | 14             | 14   | 29.0                   | 28.1   | 27.1 | 26.0    | 25.0  | 0.7        | 2.2    | 4.0  | 5.7     | 7.5   | 1,800                  | 1,800 | 950    |
| HVP-FC2-*25R-A | 25                        |                |      | 43.0                   | 41.8   | 40.4 | 38.9    | 37.5  | 0.9        | 3.1    | 5.8  | 8.4     | 11.0  |                        |       |        |
| HVP-FC2-*35R-A | 35                        |                |      | 60.0                   | 58.4   | 56.6 | 54.8    | 53.0  | 1.1        | 4.2    | 7.8  | 11.4    | 15.0  |                        |       | 800    |
| HVP-FC2-*50R-A | 50                        |                |      | 86.5                   | 84.5   | 82.2 | 79.8    | 77.5  | 1.3        | 5.8    | 11.0 | 16.3    | 21.5  |                        |       |        |

#### Outside dimensions

Symbol "\*" in the model designation indicates the mounting method. L means the foot type, and F means the flange type.

A

PUMPS AND MOTORS