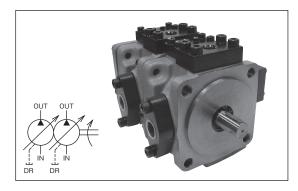
# VARIABLE-DISPLACEMENT DOUBLE VANE PUMP (HVP-VCC1)



### ■Features

Two variable displacement vane pumps (HVP-VC1 series) are assembled into one unit and driven by one motor.

Please read the Operating Manual **⚠** Cautions on use carefully to ensure correct usage.

- Standard pressure-displacement characteristics are those of the fixed displacement type (A type).
- Direction of rotation is to right (CW) viewed from the shaft end.
- For performance of each pump, refer to the single pump (A-11).
- The pump can be used for R&O type and abrasion-resistant type hydraulic fluid applications.
- Please read the "Cautions on Using Pumps and Motors", A-2 and A-3 pages.

## ■Description of the model designation

#### HVP-VCC1-F26-26A1A1-C Head side pump HVP-VC1 Pressure adjustment range of shaft side pump Shaft side pump Pressure-discharge rate characteristics of shaft side pump HVP-VC1 A: Fixed displacement type Rated pressure Pressure adjustment range of head side pump Mounting method Pressure-discharge rate characteristics of head side pump L: Foot type A: Fixed displacement type F: Flange type Max. discharge rate of shaft side pump (L/min) Max. discharge rate at head side pump (L/min)

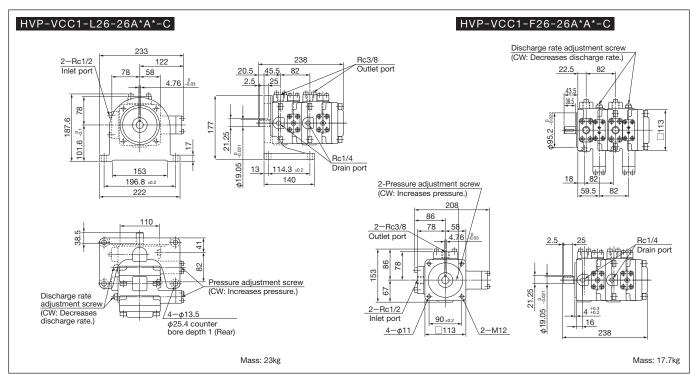
# **■**Specifications

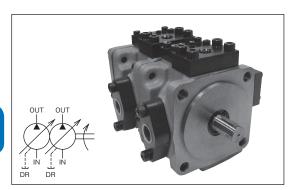
20mm<sup>2</sup>/s

Model	Head-side pump		Shaft-side pump		Rotating speed		(min-1)
	Discharge rate under no load (L/min)	Pressure adjustment range (MPa)	Discharge rate under no load (L/min)	Pressure adjustment range (MPa)	Rated	Max.	Lowest
HVP-VCC1-L26-26A1A1-C	26	0.8 to 1.8	- 26	0.8 to 1.8	- - 1,800	1,800	750
HVP-VCC1-F26-26A1A1-C							
HVP-VCC1-L26-26A1A2-C				1.4 to 3.5			
HVP-VCC1-F26-26A1A2-C							
HVP-VCC1-L26-26A1A3-C				3 to 7			
HVP-VCC1-F26-26A1A3-C							
HVP-VCC1-L26-26A2A2-C		1.4 to 3.5		1.4 to 3.5			
HVP-VCC1-F26-26A2A2-C							
HVP-VCC1-L26-26A2A3-C				3 to 7			
HVP-VCC1-F26-26A2A3-C							
HVP-VCC1-L26-26A3A3-C		3 to 7					
HVP-VCC1-F26-26A3A3-C		3.07					

(Note) The discharge under no load shows the value at the rated speed.

# **■**Outside dimensions





## ■Features

Two variable displacement vane pumps (HVP-V\*1 series) are assembled into one unit and driven by one motor.

#### Please read the Operating Manual **⚠** Cautions on use carefully to ensure correct usage.

- Standard pressure-displacement characteristics are those of the fixed displacement type (A type).
- Direction of rotation is to right (CW) viewed from the shaft end.
- For performance of each pump, refer to the single pump (A-11).
- Install a pump of larger capacity at the shaft side in the assembly.
- The pump can be used for R&O type and abrasion-resistant type hydraulic fluid applications
- Please read the "Cautions on Using Pumps and Motors", A-2 and A-3 pages.

#### ■Description of the HVP-VCD1-F26-45A1A1-C model designation Head side pump HVP-VC1 Pressure adjustment range of shaft side pump Shaft side pump Pressure-discharge rate characteristics of shaft side pump HVP-VD1 A: Fixed displacement type Rated pressure Pressure adjustment range of head side pump Mounting method Pressure-discharge rate characteristics of head side pump A: Fixed displacement type F: Flange type Max. discharge rate of shaft side pump (L/min)

# **■**Specifications

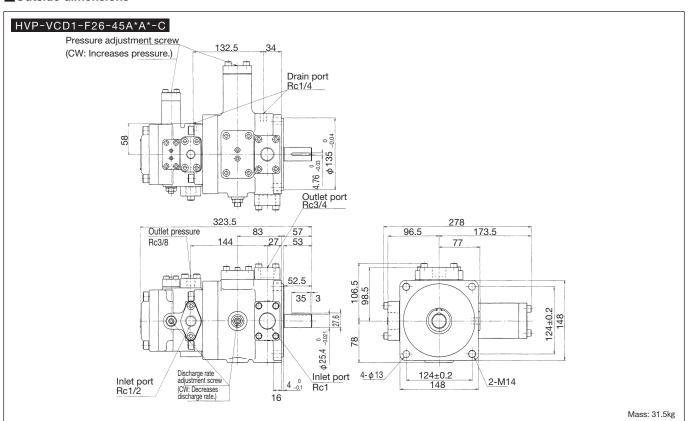
Max. discharge rate at head side pump (L/min)

 $20 \text{mm}^2/\text{s}$ 

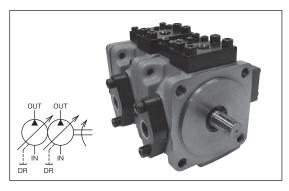
Model	Head-side pump		Shaft-side pump		Rotating speed (min-1)		
	Discharge rate under no load (L/min)	Pressure adjustment range (MPa)	Discharge rate under no load (L/min)	Pressure adjustment range (MPa)	Rated	Max.	Lowest
HVP-VCD1-F26-45A1A1-C	26	0.8 to 1.8	45	0.8 to 1.8	1,800	1,800	
HVP-VCD1-F26-45A1A2-C				1.4 to 3.5			750
HVP-VCD1-F26-45A1A3-C				3 to 7			
HVP-VCD1-F26-45A2A1-C		1.4 to 3.5		0.8 to 1.8			
HVP-VCD1-F26-45A2A2-C				1.4 to 3.5			
HVP-VCD1-F26-45A2A3-C				3 to 7			
HVP-VCD1-F26-45A3A1-C		3 to 7		0.8 to 1.8			
HVP-VCD1-F26-45A3A2-C				1.4 to 3.5			
HVP-VCD1-F26-45A3A3-C				3 to 7			

(Note) The discharge under no load shows the value at the rated speed.

### Outside dimensions



# VARIABLE-DISPLACEMENT DOUBLE VANE PUMP (HVP-VDD1)



### ■Features

Two variable displacement vane pumps (HVP-VD1 series) are assembled into one unit and driven by one motor.

Please read the Operating Manual **⚠** Cautions on use carefully to ensure correct usage.

- Standard pressure-displacement characteristics are those of the fixed displacement type (A type).
- Direction of rotation is to right (CW) viewed from the shaft end.
- For performance of each pump, refer to the single pump (A-11).
- The pump can be used for R&O type and abrasion-resistant type hydraulic fluid applica-
- Please read the "Cautions on Using Pumps and Motors", A-2 and A-3 pages.

#### ■Description of the HVP-VDD1-F45-45A1A1-C model designation Head side pump HVP-VD1 Pressure adjustment range of shaft side pump Shaft side pump Pressure-discharge rate characteristics of shaft side pump HVP-VD1 A: Fixed displacement type Rated pressure Pressure adjustment range of head side pump Mounting method Pressure-discharge rate characteristics of head side pump F: Flange type A: Fixed displacement type Max. discharge rate at head side pump (L/min) Max. discharge rate of shaft side pump (L/min)

# **■**Specifications

20mm<sup>2</sup>/s

Model	Head-side pump		Shaft-side pump		Rotating speed min-1		
	Discharge rate under no load (L/min)	Pressure adjustment range (MPa)	Discharge rate under no load (L/min)	Pressure adjustment range (MPa)	Rated	Max.	Lowest
HVP-VDD1-F45-45A1A1-C	45	0.8 to 1.8	45	0.8 to 1.8	1,800	1,800	750
HVP-VDD1-F45-45A1A2-C				1.4 to 3.5			
HVP-VDD1-F45-45A1A3-C				3 to 7			
HVP-VDD1-F45-45A2A2-C		1.4 to 3.5		1.4 to 3.5			
HVP-VDD1-F45-45A2A3-C				3 to 7			
HVP-VDD1-F45-45A3A3-C		3 to 7					

(Note) The discharge under no load shows the value at the rated speed.

### Outside dimensions

