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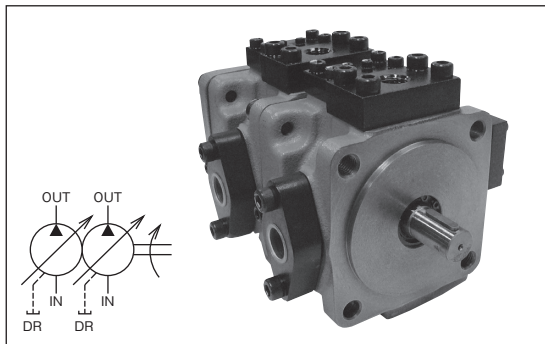
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ARIABLE-DISPLACEMENT DOUBLE VANE PUMP (HVP-VCD1)

VARIABLE-DISPLACEMENT DOUBLE VANE PUMP (HVP-VCD1)



■ Features

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

⚠ Cautions on use

Please read the Operating Manual 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 model designation

HVP-VCD1-F26-45A1A1-C

Head side pump	HVP-VC1	Model No.
Shaft side pump	HVP-VD1	Pressure adjustment range of shaft side pump
Rated pressure		Pressure-discharge rate characteristics of shaft side pump
Mounting method	F: Flange type	A: Fixed displacement type
Max. discharge rate at head side pump (L/min)		Pressure adjustment range of head side pump
		Pressure-discharge rate characteristics of head side pump
		A: Fixed displacement type
		Max. discharge rate of shaft side pump (L/min)

■ Specifications

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	750
HVP-VCD1-F26-45A1A2-C				1.4 to 3.5			
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.