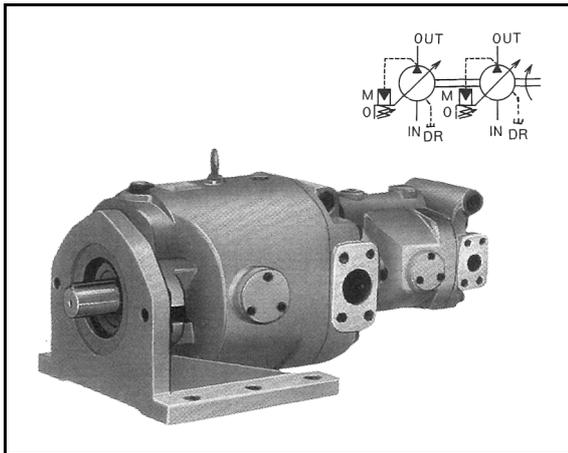


VARIABLE-DISPLACEMENT DOUBLE PISTON PUMP (HPP-VCC2V, HPP-VCF2V SERIES)



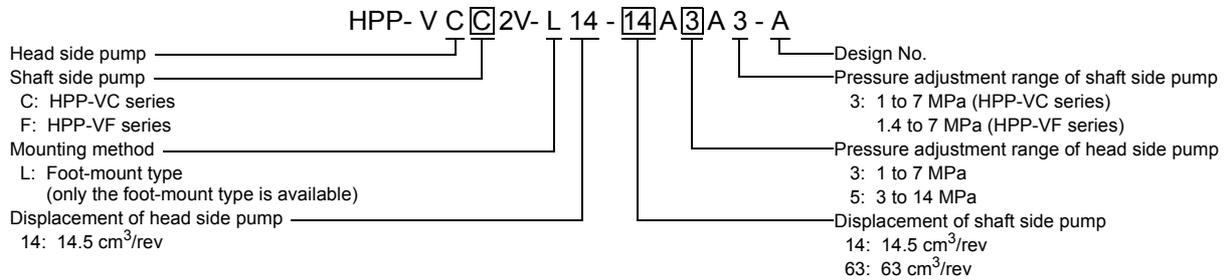
Two variable-displacement pumps (HPP-VC2V-F14*-A, HPP-VF2V-F63A3-A) are assembled as a unit and driven by one motor. The fluid pumped from the two pumps can be delivered to separate circuits to drive individual actuators or can be merged to drive a single actuator.

FEATURES

The pump has a space-saving design, with two piston pumps driven by the same shaft.

- The standard direction of rotation is clockwise, viewed from the shaft end.
- For the specifications of the individual pump, refer to page 19 and page 23.
- The permissible operating ambient temperature range is from 0 to 60°C.
- The pump can be used for R&O type and abrasion-resistant type hydraulic fluid applications.

MODEL DESIGNATION



SPECIFICATIONS

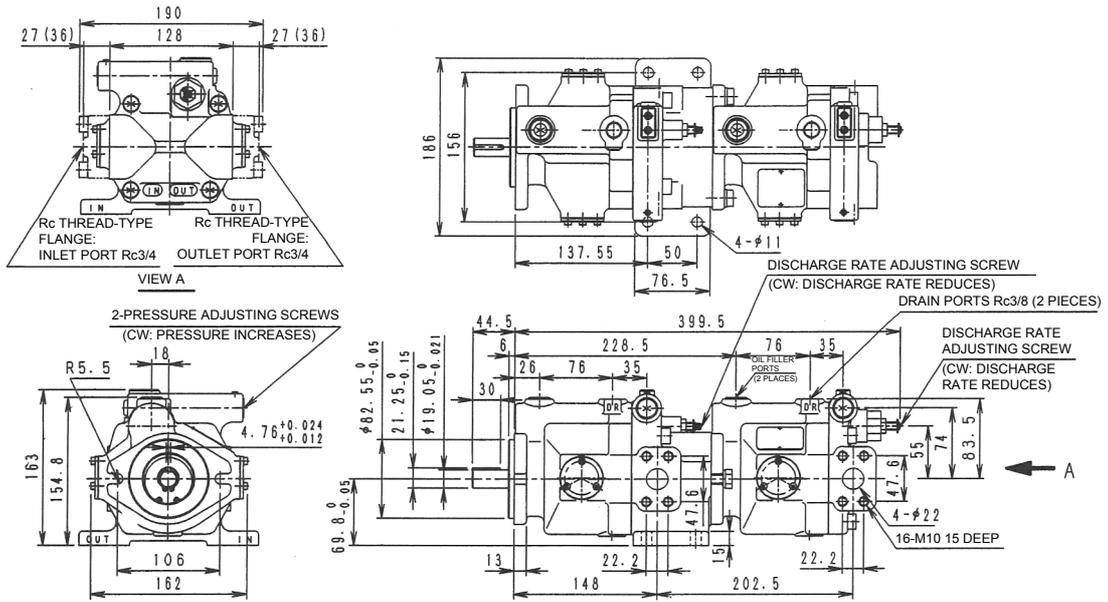
Model	Rated Pressure (MPa)	Displacement (cm ³ /rev)	Pressure Adjustment Range (MPa)	Speed (min ⁻¹)		
				Max.	Rating	Min.
HPP-VCC2V-L14-14A3A3-A	$\frac{7}{7}$	*1 - 14.5 *1 - 14.5	$\frac{1 \text{ to } 7}{1 \text{ to } 7}$	1,800	1,800	500
HPP-VCF2V-L14-63A3A3-A	$\frac{7}{7}$	*1 - 14.5 *2 - 14.5	$\frac{1 \text{ to } 7}{1 \text{ to } 7}$			720
HPP-VCF2V-L14-63A5A3-A	$\frac{14}{7}$		$\frac{3 \text{ to } 14}{1.4 \text{ to } 7}$			720

NOTE 1: The minimum and maximum values in the specification table (Rated Pressure, Displacement, and Pressure Adjustment Range columns): The upper row indicates the value of the head side pump and the lower row indicates the value of the shaft side pump.

NOTE 2: The minimum discharge rate must be at least 5 L/min (*1) or 23 L/min (*2) regardless of the speed.

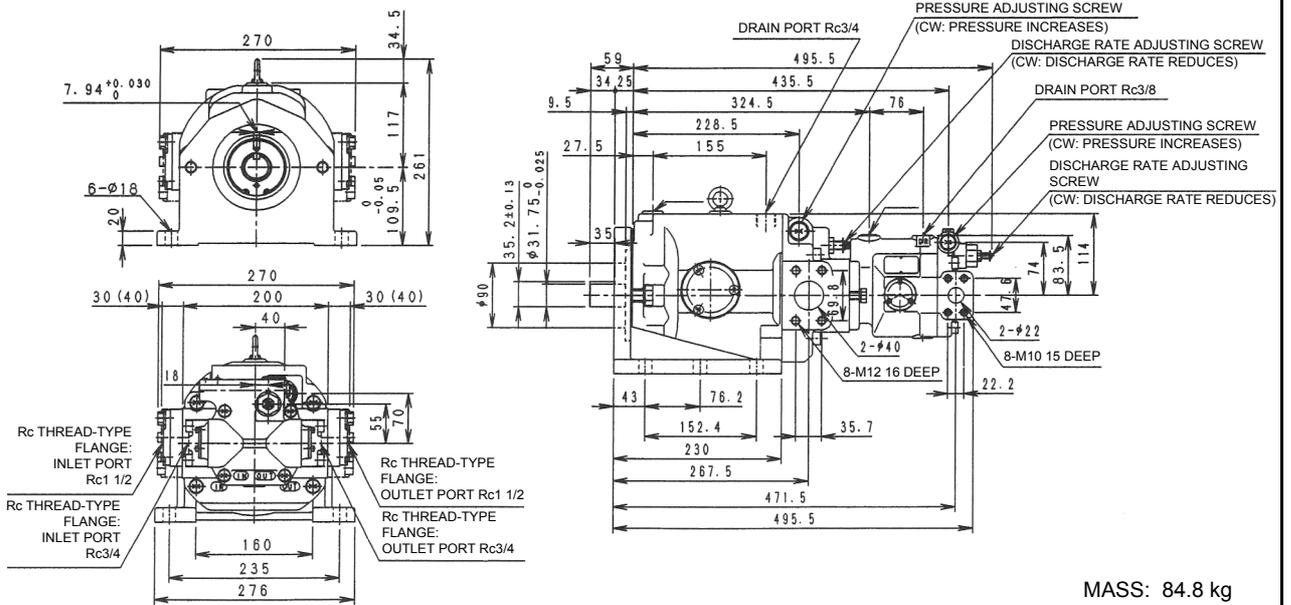
EXTERNAL DIMENSIONS

● HPP-VCC2V-L14-14A3A-A



MASS: 26.5 kg

● HPP-VCF2V-L14-63A*A3-A



MASS: 84.8 kg

NOTE: Dimensions in parentheses are the dimensions of the welding type flange and those not in parentheses are the dimensions of the Rc thread type flange.