

# Piston Pump

## ピストンポンプ

Typical piston pumps are variable and high-pressure types mainly used for construction equipment, etc, engaged in heavy-duty work. They are widely used in areas that require horsepower control, load-sensing, and other control functions.

可変型、高圧型が主流で建設機械をはじめ重負荷を要求される分野にて使用されています。  
馬力制御、ロードセンシングなどの各種制御に対応しています。

### ■ PSV Series (for Closed Circuit) PSVシリーズ(閉回路用ポンプ)

<Single Pump>



PSVH2-28

Type	PSV-10	PSV-16
Max. Pressure [MPa]	27.5	27.5
Displacement [cm <sup>3</sup> /rev]	10	16.4

<Tandem Pump>

NEW

Reference Exhibit

Type	PSV2-10	PSV2-16	PSVH2-18	PSVH2-28	PSVH2-50
Max. Pressure [MPa]	27.5	27.5	28.0	34.3	35.0
Displacement [cm <sup>3</sup> /rev]	2×10	2×16.4	2×18.6	2×28.1	2×51.0

Under development

Under planning

### ■ PSVD Series (for Open Circuit) PSVDシリーズ(開回路用ポンプ)



PSVD2-27E

Type	PSVD2-17E	PSVD2-21E	PSVD2-27E	PSVD2-42
Max. Pressure [MPa]	24.5	24.5	24.5	32
Displacement [cm <sup>3</sup> /rev]	2×16.8	2×20.8	2×26.9	2×42.3
Applicable Excavator [ton]	2~3	3~4	5~6	6~9

### ■ PSVL Series (for Open Circuit & Load Sensing)

PSVLシリーズ(開回路、ロードセンシング用ポンプ)



PSVL-84

NEW

NEW

Type	PSVL-30	PSVL-42	PSVL-50	PSVL-64	PSVL-84
Max. Pressure [MPa]	28	24.5	28	28	32
Displacement [cm <sup>3</sup> /rev]	30	42	50	64.3	84.6
Applicable Excavator [ton]	2	3~4	3~4	4~6	7~8

Under development