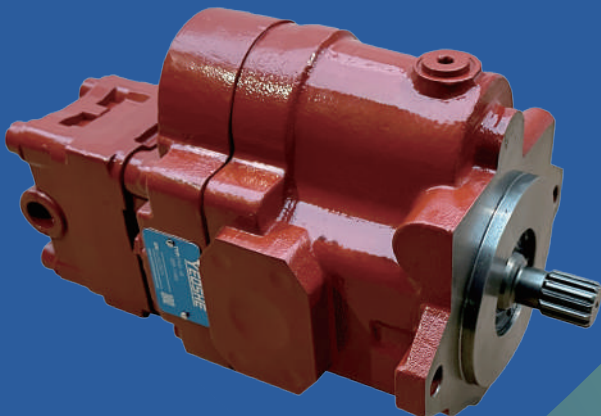
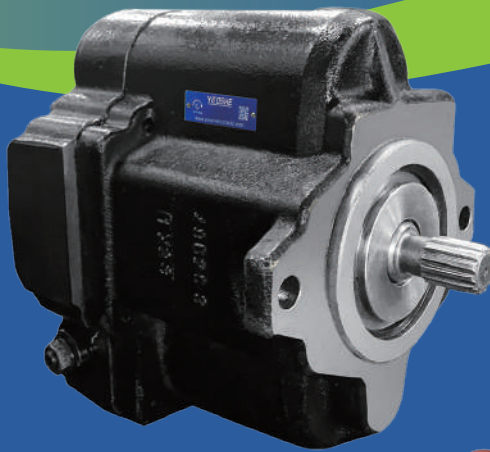




YEOSHE

High Efficiency Transmission

**New Energy-Saving and
Carbon-Reducing Technology**



YEOSHE HYDRAULICS TECHNOLOGY CO.,LTD.

PVD Series

This compact, dual-flow plunger pump (or piston pump) with a controlled length is designed for installation in limited space. Furthermore, the unique swash plate tilt support structure ensures rated power control, which allows the engine's output to be utilized effectively.



Equipped with Solenoid Valve(s)



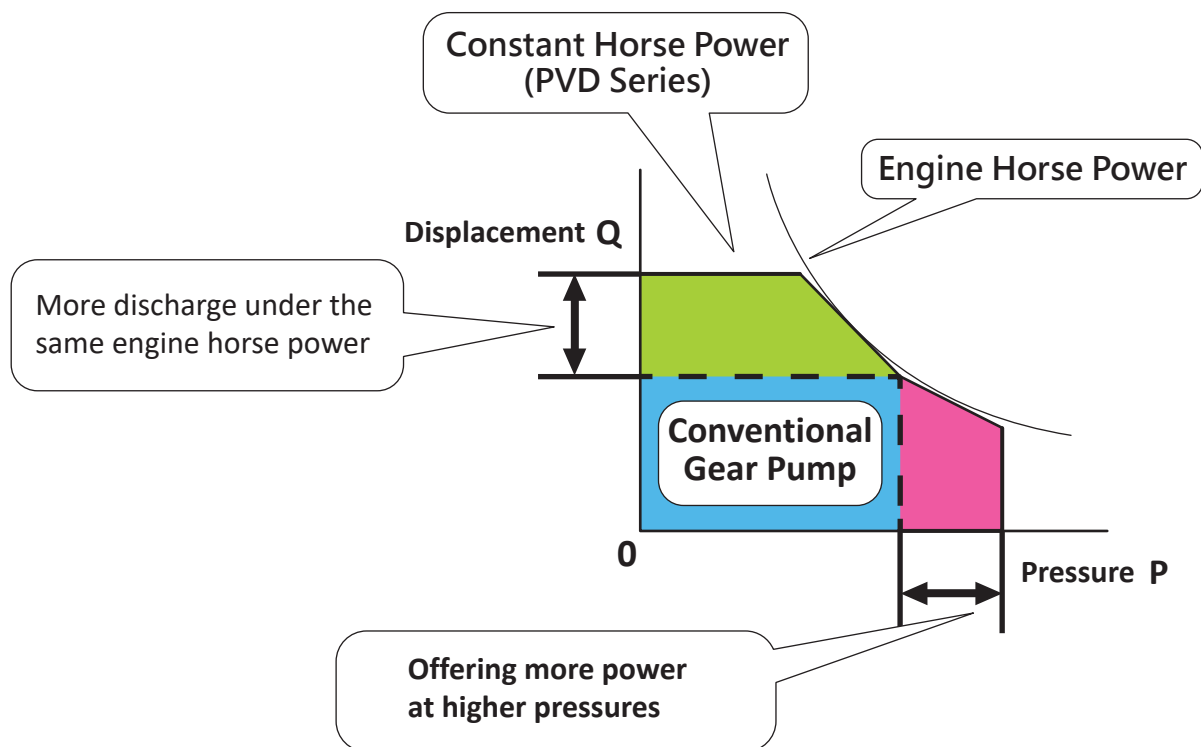
Available Colors: Red and Black

Optional Accessories

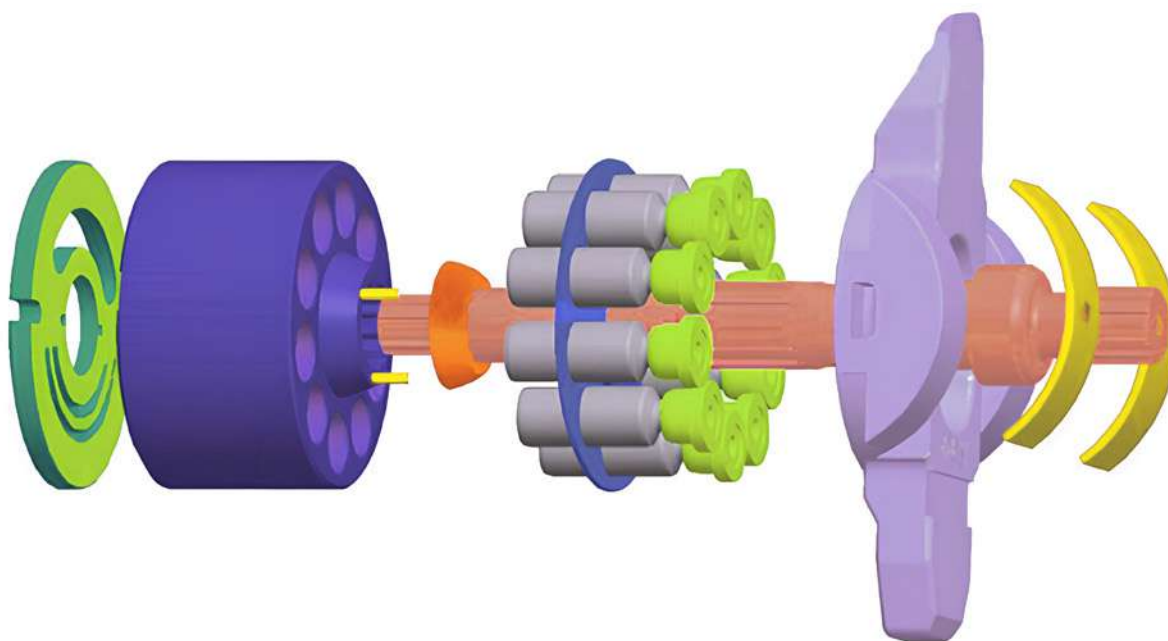
1. With 1-gang or 2-gang gear pump (G)
(P3 pump pressure: 20.6 MPa; PilotP4 Pump pressure: 3.9 MPa).
2. With Override Control Mode (P).
3. With Valve Block/Plate (B)
(Includes two solenoid valves and a relief valve for the P4 pump)

Model	Displacement (cm ³ /rev)	Max Pressure (MPa)	RPM (min ⁻¹)	Optional Accessories	Excavator (ton)
PVD-00B	8x2	24.5	2800	G,P	~ 1.5
PVD-0B	12x2	24.5	2800	G,P,B	~ 2.5
PVD-1B	17x2	24.5	2700	G,P,B	~ 3.5
PVD-2B	25x2	24.5	2600	G,P,B	~ 5.5
PVD-3B	39x2	32.0	2200	G,P,B	~ 8.0

Operation Theory



Diagram





Client Code

PVD

3

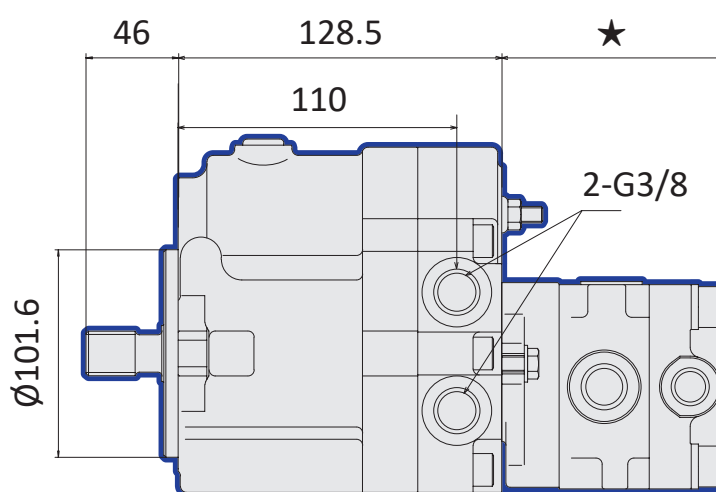
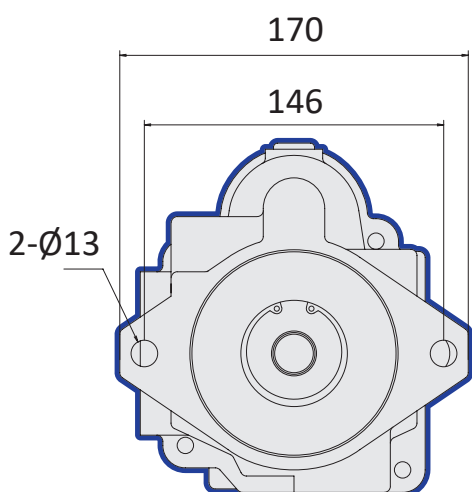
PVD-Series Hydraulic Piston Pump

PVD-00B-14P-5G3-

1.5 ~ 1.8 Tons Mini Excavator



Three-View Drawing



Dimensions marked with ★ will vary depending on the displacement (capacity) of the gear pump. Please inquire if necessary.

Application

Brand	Model
Kubota	15
Kubota	U15
DOOSAN	17
DOOSAN	DX17
SDLG	ER616F
KOBELCO	SK15SR
Hitachi	ZX17U

Specifications

Model		PVD-00B-14P
P1 + P2	Displacement	7+7 mL/r
	Pressure	21 MPa
P3	Displacement	6.0 mL/r
	Pressure	18.6 MPa
P4	Displacement	2.7 mL/r
	Pressure	3.9 MPa
Speed rpm (r/min)		2200 r/min
Rotation		Clockwise

PVD-00B-15P-5G3-

1.5 ~ 1.8 Tons Mini Excavator

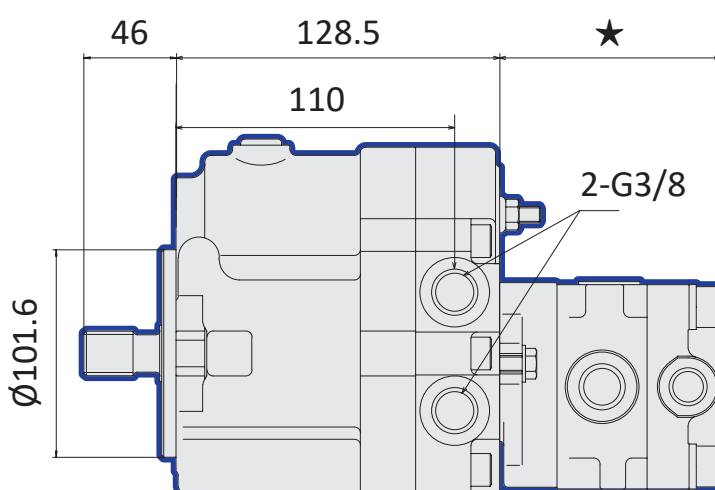
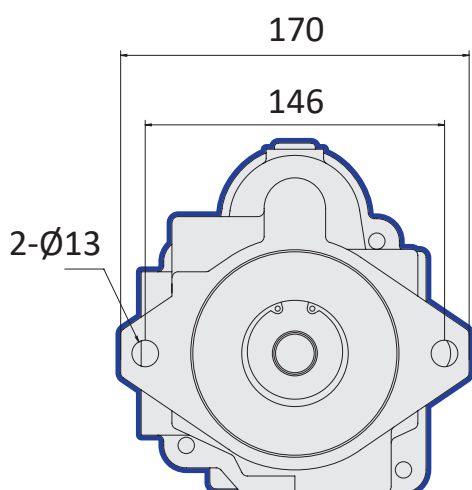
PVD

4

PVD-Series Hydraulic Piston Pump



Three-View Drawing



Dimensions marked with ★ will vary depending on the displacement (capacity) of the gear pump. Please inquire if necessary.

Application

Brand	Model
Kubota	17
KOBELCO	SK15
KOBELCO	SK17
Hitachi	17

Specifications

Model	PVD-00B-15P
P1 + P2	Displacement
	7.5+7.5 mL/r
P3	Pressure
	21 MPa
P4	Displacement
	6.0 mL/r
	Pressure
	18.6 MPa
	Displacement
	2.7 mL/r
	Pressure
	3.9 MPa
Speed rpm (r/min)	
2200 r/min	
Rotation	
Clockwise	



PVD

5

PVD-Series Hydraulic Piston Pump

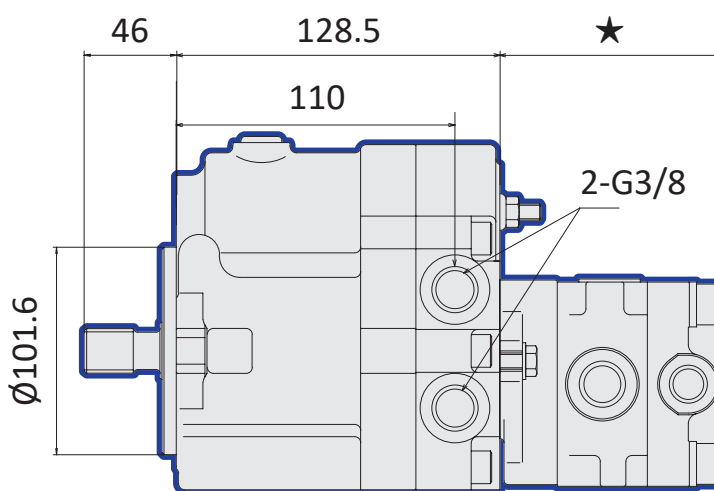
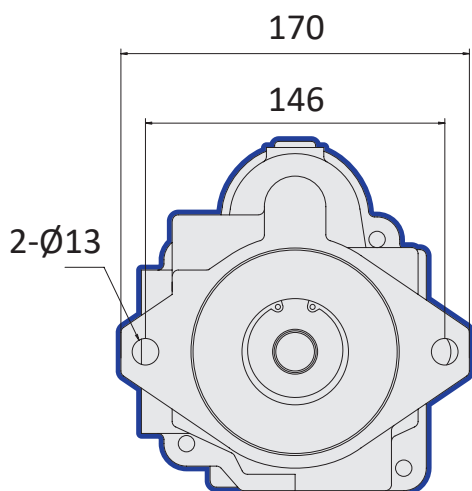
Client Code

PVD-00B-16P-6AG3-

1.5 ~ 1.8 Tons Mini Excavator



Three-View Drawing



Dimensions marked with ★ will vary depending on the displacement (capacity) of the gear pump. Please inquire if necessary.

Application

Brand	Model
IHI	18VN
KATO	18
CATERPILLAR Inc	E301.5
IHI	18nv

Specifications

Model	PVD-00B-16P
P1 + P2	Displacement
	8+8 mL/r
P3	Pressure
	21 MPa
P4	Displacement
	6.0 mL/r
	Pressure
	18.6 MPa
	Displacement
	2.7 mL/r
	Pressure
	3.9 MPa
Speed rpm (r/min)	
2200 r/min	
Rotation	
Clockwise	

Client Code

PVD-0B-16BP-6AG4-

1 ~ 1.8 Tons Mini Excavator,
Equipped with Solenoid Valve(s)

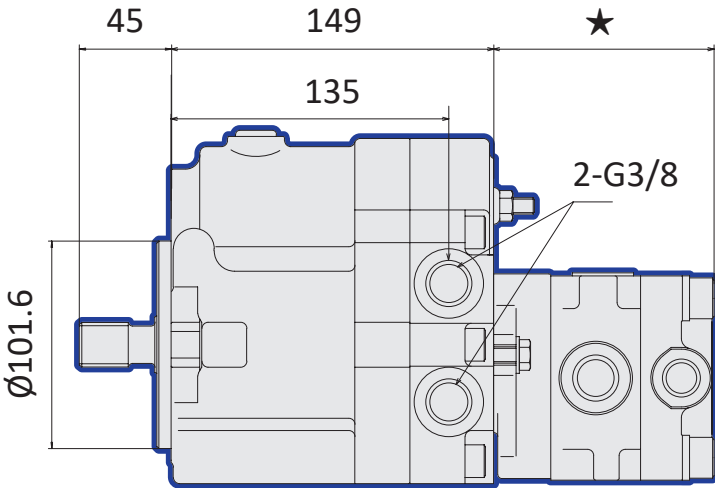
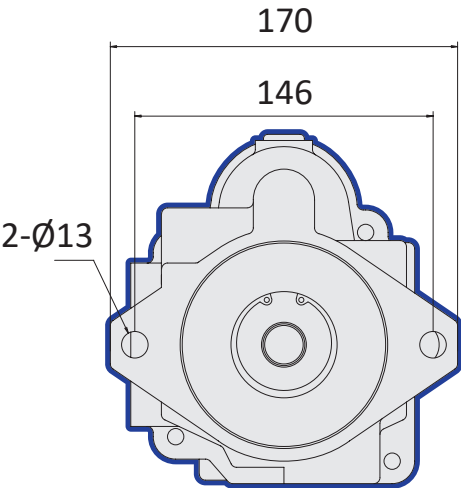
PVD

6

PVD-Series Hydraulic Piston Pump



Three-View Drawing



Dimensions marked with ★ will vary depending on the displacement (capacity) of the gear pump. Please inquire if necessary.

Application

Brand	Model
YANMAR	Vio-17

Specifications

Model		PVD-0B-16BP
P1 + P2	Displacement	8+8 mL/r
	Pressure	21 MPa
P3	Displacement	6.0 mL/r
	Pressure	18.6 MPa
P4	Displacement	2.7 mL/r
	Pressure	3.9 MPa
Speed rpm (r/min)		2300 r/min
Rotation		Clockwise



PVD

7

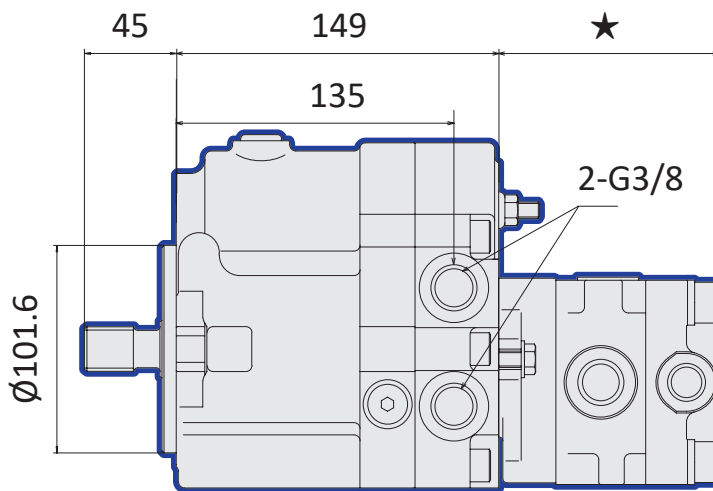
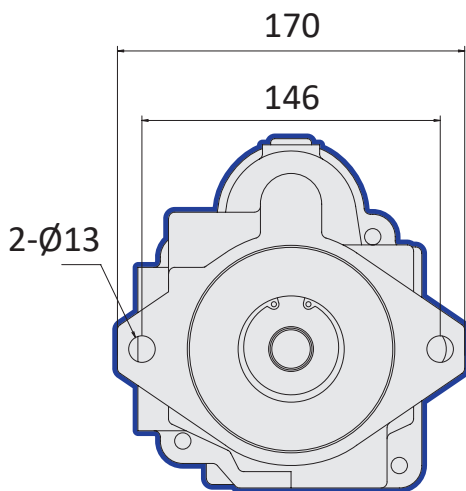
PVD-Series Hydraulic Piston Pump

PVD-0B-18P-6G3

1.5 ~ 1.8 Tons Mini Excavator



Three-View Drawing



Dimensions marked with ★ will vary depending on the displacement (capacity) of the gear pump. Please inquire if necessary.

Application

Brand	Model
LOVOL	FR18E2-U
SUNWARD	SWE17UF

Specifications

Model		PVD-0B-18P
P1 + P2	Displacement	9+9 mL/r
	Pressure	21 MPa
P3	Displacement	6.4 mL/r
	Pressure	18.6 MPa
P4	Displacement	2.7 mL/r
	Pressure	3.9 MPa
Speed rpm (r/min)		2300 r/min
Rotation		Clockwise

PVD-0B-24P-8G3-



2 ~ 2.5 Tons Mini Excavator

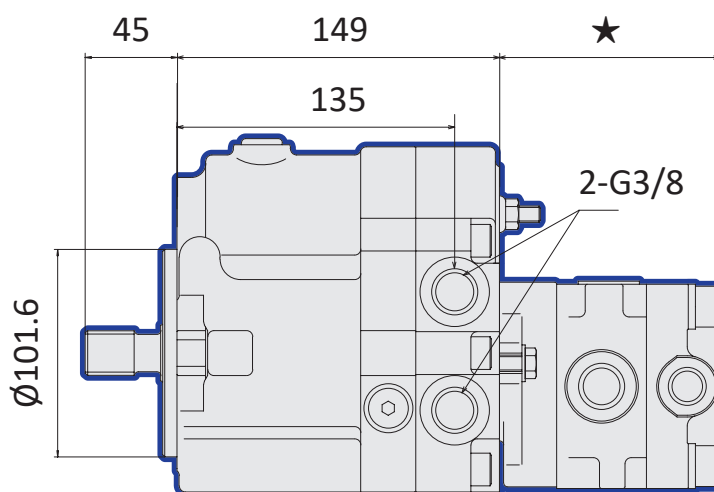
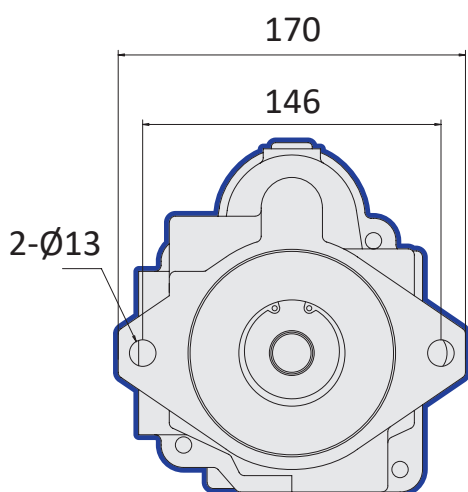
PVD

8

PVD-Series Hydraulic Piston Pump



Three-View Drawing



Dimensions marked with ★ will vary depending on the displacement (capacity) of the gear pump. Please inquire if necessary.

Application

Brand	Model
Kubota	U-20/5
Kubota	U-20/3S
Kubota	U-25
Bobcat	E27Z
SUNWARD	SWE25UF
CARTER	CT26
CARTER	CT27

Specifications

Model	PVD-0B-24P
P1 + P2	Displacement
	12+12 mL/r
P3	Pressure
	21 MPa
P4	Displacement
	6.4 mL/r
	Pressure
	20.6 MPa
	Displacement
	2.7 mL/r
	Pressure
	3.9 MPa
Speed rpm (r/min)	
2300 r/min	
Rotation	
Clockwise	



Client Code

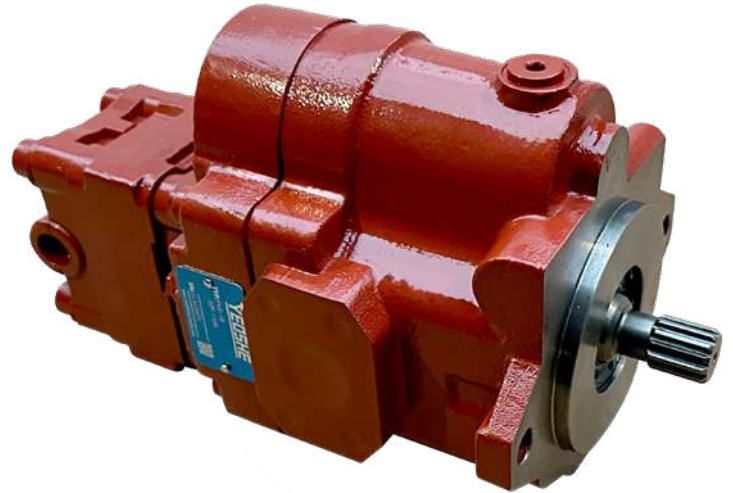
PVD

9

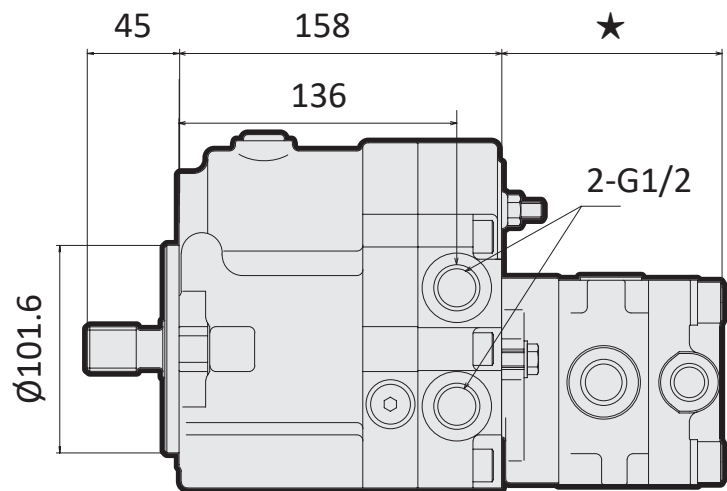
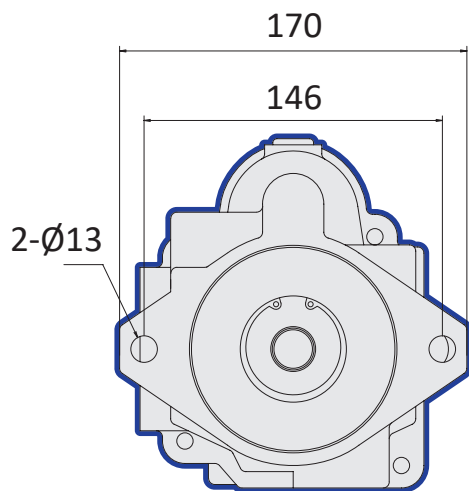
PVD-Series Hydraulic Piston Pump

PVD-1B-32P-11G5-

3 ~ 3.5 Tons Mini Excavator



Three-View Drawing



Dimensions marked with ★ will vary depending on the displacement (capacity) of the gear pump. Please inquire if necessary.

Application

Brand	Model
Kubota	RX306
Kubota	RX35
Hitachi	U 30 (Cab not included)
Hitachi	ZX27
Hitachi	ZX30U
KOBELCO	27

Specifications

Model	PVD-1B-32P
P1 + P2	Displacement
	16+16 mL/r
P3	Pressure
	21 MPa
P4	Displacement
	10.5 mL/r
	Pressure
	20.6 MPa
	Displacement
	4.5 mL/r
	Pressure
	3.9 MPa
Speed rpm (r/min)	
2300 r/min	
Rotation	
Clockwise	

PVD-1B-32CP-11G5-

3 ~ 3.5 Tons Mini Excavator

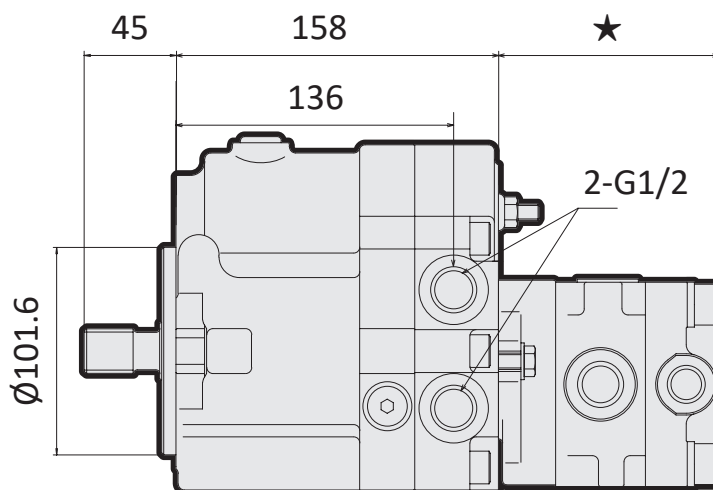
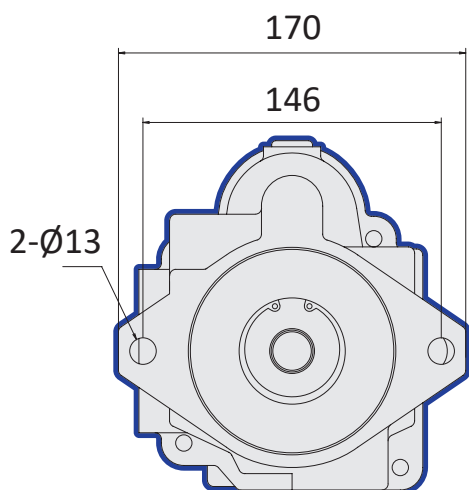
PVD

0

PVD-Series Hydraulic Piston Pump



Three-View Drawing



Dimensions marked with ★ will vary depending on the displacement (capacity) of the gear pump. Please inquire if necessary.

Application

Brand	Model
Hitachi	U 30 (Cab included)
Hitachi	ZX29
Hitachi	U30-5

Specifications

Model	PVD-1B-32CP
P1 + P2	Displacement 16+16 mL/r
	Pressure 21 MPa
P3	Displacement 10.5 mL/r
	Pressure 20.6 MPa
P4	Displacement 4.5 mL/r
	Pressure 3.9 MPa
Speed rpm (r/min) 2300 r/min	
Rotation Clockwise	



Client Code

PVD

11

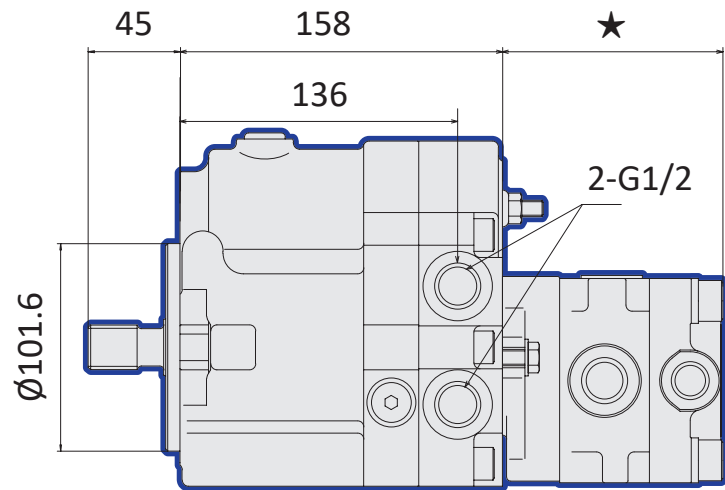
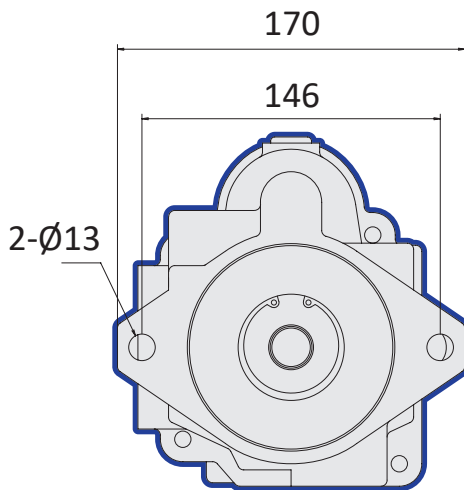
PVD-Series Hydraulic Piston Pump

PVD-1B-34BP-9AG5-

3 ~ 3.5 Tons Mini Excavator,
Equipped with Solenoid Valve(s)



Three-View Drawing



Dimensions marked with ★ will vary depending on the displacement (capacity) of the gear pump.
Please inquire if necessary.

Application

Brand	Model
YANMAR	-30/6
YANMAR	-30-3
YANMAR	-27/5B

Specifications

Model	PVD-1B-34BP
P1 + P2	Displacement
	16+16 mL/r
P3	Pressure
	21 MPa
P4	Displacement
	10.5 mL/r
	Pressure
	20.6 MPa
	Displacement
	4.5 mL/r
	Pressure
	3.9 MPa
Speed rpm (r/min)	
2300 r/min	
Rotation	
Clockwise	

YEOSHE BEST CHOICE
Innovative Technology

Efficient Performance
Reliable Quality and Service



YEOSHE

油聖液壓科技有限公司

YEOSHE HYDRAULICS TECHNOLOGY CO.,LTD.

413 台灣台中市霧峰區霧工一路68號

No.68, Wugong 1st Rd., Wufong Dist., Taichung City, Taiwan, 413

TEL +886-4-2333339 FAX +886-4-23333817 E-mail yeoshe@yeoshe.com.tw

東莞辦事處 Dongguan

CP +86-13600266957 (Miss Zhong)

E-mail yeoshe@yeoshe.com.tw

經銷商 Distributor



www.yeoshehydraulic.com

版權所有 翻印必究
Copyright ©2025 by YEOSHE