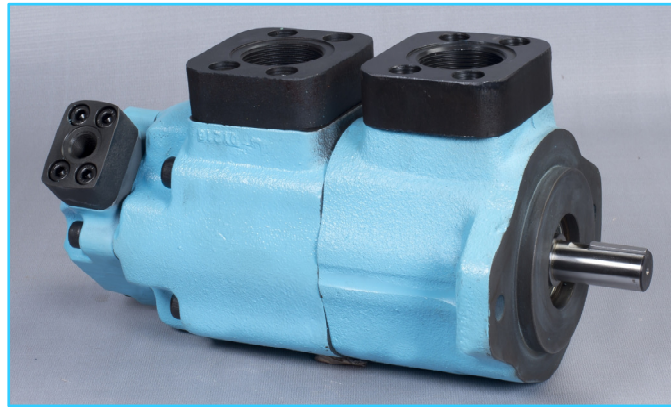
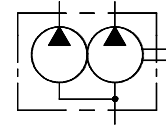


SVP12 – Series Double Vane Pump

These double pumps consist of one SVP1 and one SVP2 series single pumps combined in tandem within a single housing and driven by a common shaft. Fluid delivered from the two separate ports can be either supplied to separate or common circuits.



Graphic symbol



Specifications

Model Number	Small Vol. Pump Geometric Displacement cm ³ /rev.	Large Vol. Pump Geometric Displacement cm ³ /rev.	Max. Opr. Pressure Kgf/cm ²	Output Flow & Input Power kW	Shaft Speed Range r/min.		Mass (Kg.)	
					Max.	Min.	Flange Mtg.	Foot Mtg.
SVP12	Refer Specification in Page 1 EIC-B-1003-0	Refer Specification in Page 7 EIC-B-1003-0	210	Refer Page 5, 6, 10, 11 & 12 of EIC-B-1003-0	2000*	600	18.75	22

* For speeds above 1500 r/min., consult factory for information.

Model Number Designation

F-	SVP12	-L	-F	-3	-11	-R	E	A	A	-10
Applicable Hydraulic Fluids	Series Number	Mounting	Type of Pipe Connection	Small Vol. Pump Nominal Displacement	Large Vol. Pump Nominal Displacement	Direction of Rotation	Small Vol. Pump Discharge Position	Large Vol. Pump Discharge Position	Suction Port Position	Design * No.
F: For Phosphate Ester Type Fluids. (Omit if not required)	SVP12	L: Foot Mounting F: Flange Mounting	F: Flange Connection	3	11	R: Clockwise (Normal) L: Anticlock- wise				10
				5	17					
				7	22					
				8	25					
				10	30					
				13	33					
				14	38					
				26	43					
					47					

* Design numbers subject to change from 10 to 19, but installation dimensions remain as shown.

* For instructions regarding changing the port positions, consult YUKEN INDIA LTD.

Cartridge Kit Model Number

Large Volume Pump

CSVP12	-11	-R	-10
Model Number	Nominal Displacement	Shaft Rotation	Design No.
CSVP12	11	R: Clockwise (Normal)	10
	17		
	22		
	25		
	30	L: Counter- Clockwise	
	33		
	38		
	43		
47			

Small Volume Pump

CSVP1	-3	-R	-10
Model Number	Nominal Displacement	Shaft Rotation	Design No.
CSVP1	3	R: Clockwise (Normal)	10
	5		
	7		
	8		
	10	L: Counter- Clockwise	
	13		
	14		
	26		

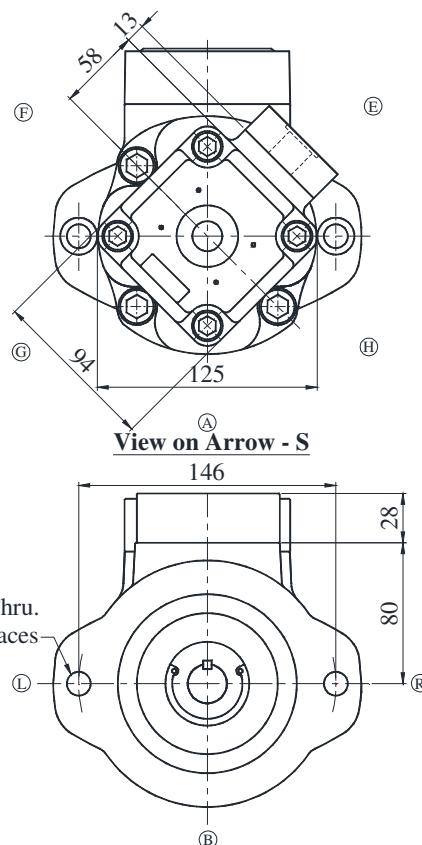
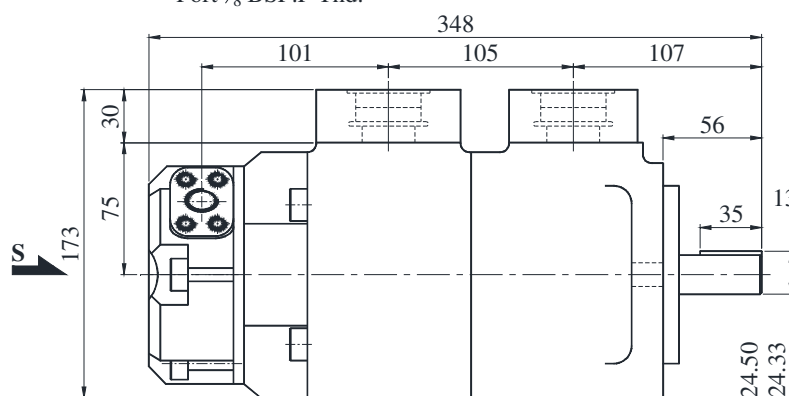
* For instructions regarding replacing cartridge kit, consult YUKEN INDIA LTD.

Spare Parts List

Sl. No.	Name of Part	Part Number	Qty.
1.	O-Ring	SO-NB-G35	1
2.	O-Ring	SO-NA-P41	1
3.	O-Ring	SO-NB-G60	1
4.	O-Ring	SO-NA-G80	1
5.	O-Ring	SO-NB-G80	1
6.	O-Ring	SO-NB-G95	1
7.	Back Up Ring	SO-BB-P41	1
8.	Back Up Ring	SO-BB-G80	1
9.	Oil Seal	ISPD 25338	1

Note: When ordering the seals, please specify the seal kit number KS-SVP12-10.

DIMENSIONS IN
MILLIMETRES



101

105

17.5

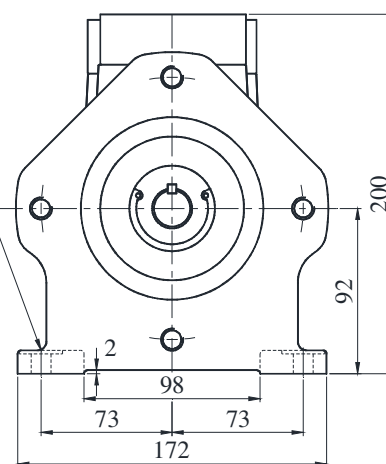
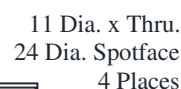
11 Dia. x Thru.
24 Dia. Spotface
4 Places

50.8

71

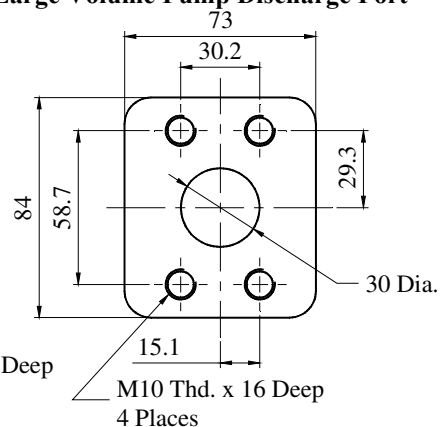
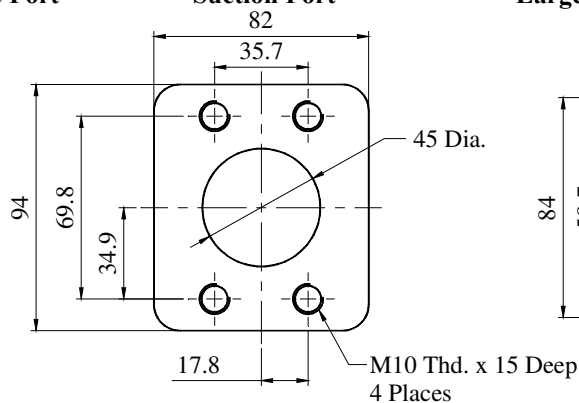
96

38.5



Technical drawing of a rectangular plate with the following specifications:

- Overall width: 36
- Overall height: 55
- Inner rectangular area width: 36
- Inner rectangular area height: 36
- Radius of the rounded corners: 18
- Four circular holes, each with a diameter of 18 (18 Dia.).
- Four M8 threaded holes, 16 deep (M8 Thd. x 16 Deep 4 Places).



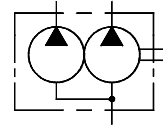
SVP Series Double Vane Pump

SVP23 – Series Double Vane Pump

These double pumps consist of one SVP2 and one SVP3 series single pumps combined in tandem within a single housing and driven by a common shaft. Fluid delivered from the two separate ports can be either supplied to separate or common circuits. These pumps are used in mobile application.



Graphic symbol



Specifications

Model Number	Small Vol. Pump Geometric Displacement cm ³ /rev.	Large Vol. Pump Geometric Displacement cm ³ /rev.	Max. Opr. Pressure Kg/cm ²	Output Flow & Input Power kW	Shaft Speed Range r/min.		Mass (Kg.)	
					Max.	Min.	Flange Mtg.	Foot Mtg.
SVP23	Refer Specification in Page 7 EIC-B-1003-0	Refer Specification in Page 13 EIC-B-1003-0	210	Refer Page 10, 11, 12, 16 & 17 of EIC-B-1003-0	2000*	600	43	49.5

* For speeds above 1500 r/min., consult factory for information.

Model Number Designation

F-	SVP23	-L	-F	-11	-50	-R	E	A	A	-10
Applicable Hydraulic Fluids	Series Number	Mounting	Type of Pipe Connection	Small Vol. Pump Nominal Displacement	Large Vol. Pump Nominal Displacement	Direction of Rotation	Small Vol. Pump Discharge Position	Large Vol. Pump Discharge Position	Suction Port Position	Design * No.
F: For Phosphate Ester Type Fluids. (Omit if not required)	SVP23	L: Foot Mounting F: Flange Mounting	F: Flange Connection	11 17 22 25 30 33 38 43 47	50 58 75 92 117 142	R: Clockwise (Normal) L: Anticlockwise				10

* Design numbers subject to change from 10 to 19, but installation dimensions remain as shown.

* For instructions regarding changing the port positions, consult YUKEN INDIA LTD.

Cartridge Kit Model Number

Large Volume Pump

CSVP23	-50	-R	-10
Model Number	Nominal Displacement	Shaft Rotation	Design No.
CSVP23	50	R: Clockwise (Normal)	10
	58		
	75		
	92	L: Counter- Clockwise	
	117		
	142		

Small Volume Pump

CSVP23	-11	-R	-10
Model Number	Nominal Displacement	Shaft Rotation	Design No.
CSVP23	11	R: Clockwise (Normal)	10
	17		
	22		
	25		
	30	L: Counter- Clockwise	
	33		
	38		
	43		

* For instructions regarding replacing cartridge kit, consult YUKEN INDIA LTD.

Spare Parts List

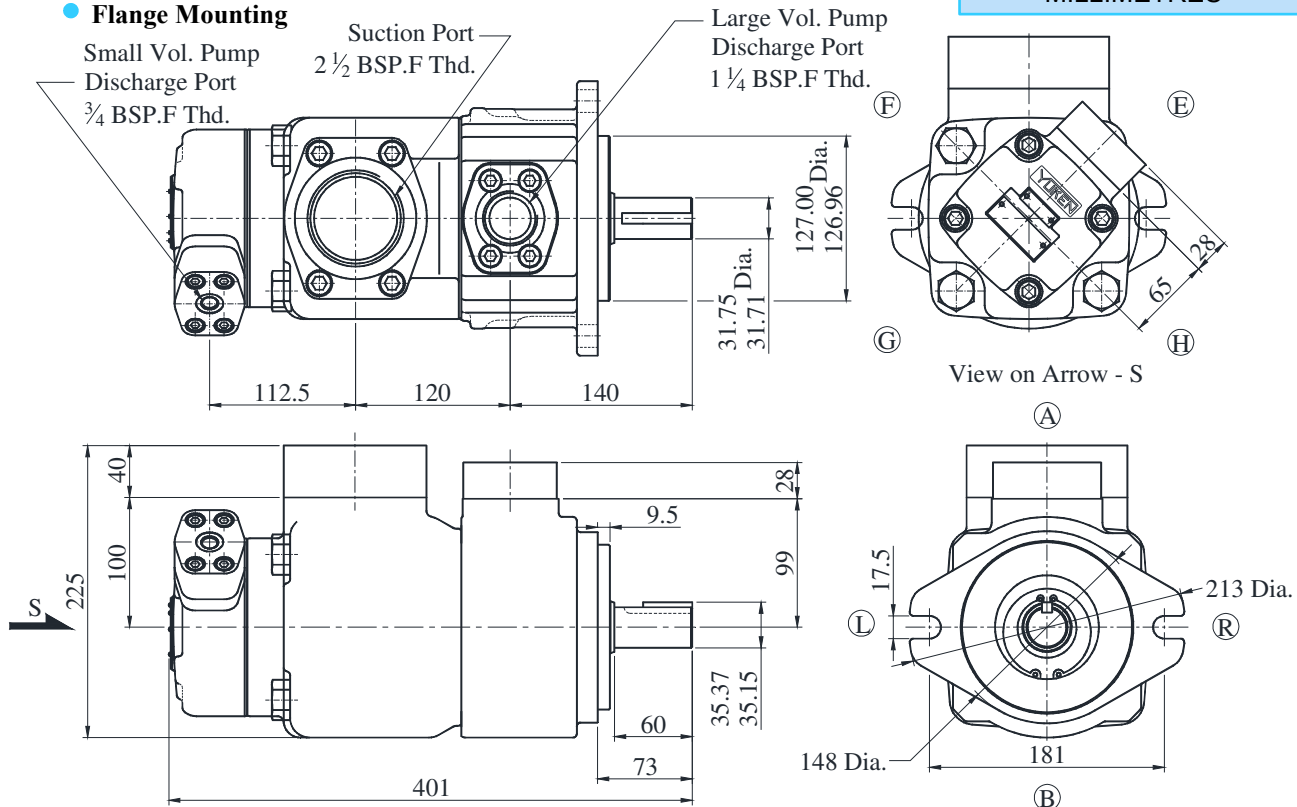
List of Seals

Sl. No.	Name of Part	Part Number	Qty.
1.	O-Ring	SO-NB-G35	1
2.	O-Ring	SO-NA-P41	1
3.	O-Ring	SO-NB-G60	1
4.	O-Ring	SO-NA-G80	1
5.	O-Ring	SO-NB-G80	1
6.	O-Ring	SO-NB-G95	1
7.	Back Up Ring	SO-BB-P41	1
8.	Back Up Ring	SO-BB-G80	1
9.	Oil Seal	ISPD 25338	1

Note: When ordering the seals, please specify the seal kit number KS-SVP23-10.

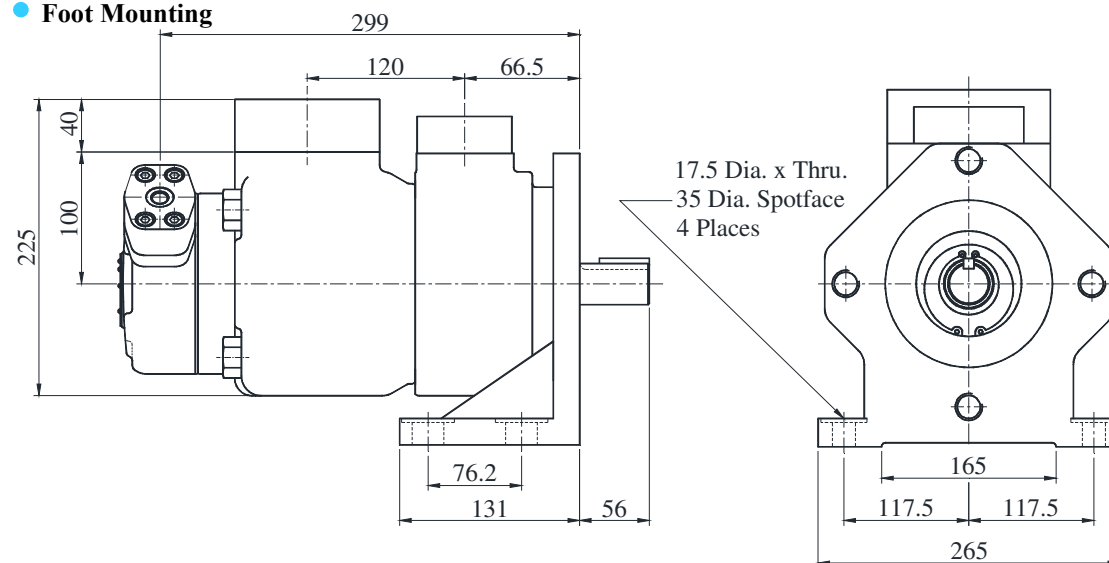
SVP23-※-F-※-※-※※※※-10

● **Flange Mounting**



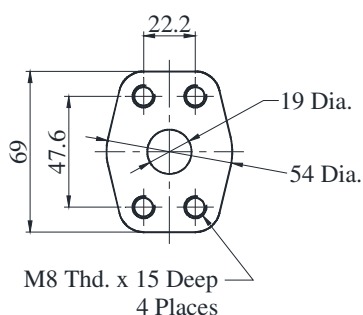
SVP23-※-L-※-※-※※※※-10

● **Foot Mounting**

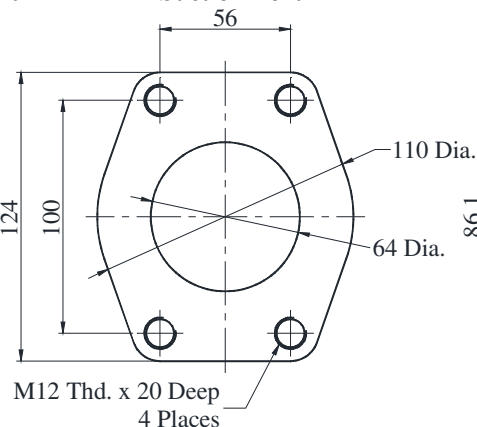


For Reference: Dimensions of Pipe Flange Mounting Surfaces

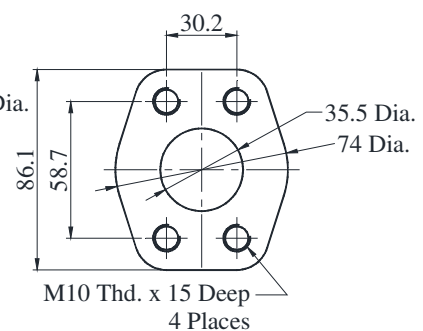
Small Volume Pump Discharge Port



Suction Port



Large Volume Pump Discharge Port



SVP Series Double Vane Pump