SVPDF Series Double Variable Vane Pump

Max. Pressure 70kgf/cm²

This pump is quiet, small, high efficiency, longevity, and quick response. The double variable vane pump can save the installing space, the suction port and discharge port is separate.

Model Number Designation

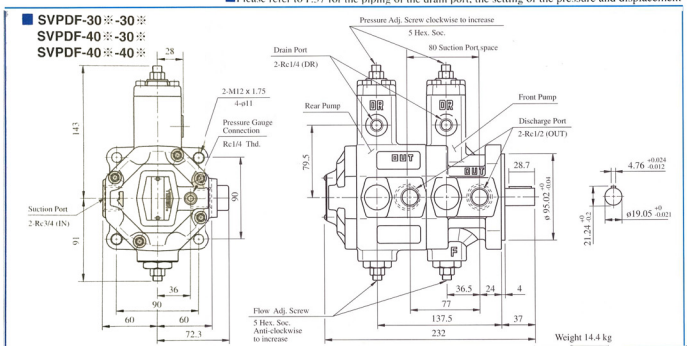
SVPDF	-30	70	-30	70	-20
Series Number	Front Pump Geometric Displace L/min (1800 rpm)	Front Pump Max. Operating Pressure kgf/cm² (MPa)	Rear Pump Geometric Displace L/min (1800 rpm)	Reart Pump Max. Operating Pressure kgf/cm² (MPa)	Design Number
SVPDF	30	20 : 20 kgf/cm² (2.0 MPa) 35 : 35 kgf/cm² (3.5 MPa)	30	20 : 20 kgf/cm² (2.0 MPa) 35 : 35 kgf/cm² (3.5 MPa)	20
	40	55 : 55 kgf/cm² (5.5 MPa) 70 : 70 kgf/cm² (7.0 MPa)	30 40	55 : 55 kgf/cm² (5.5 MPa) 70 : 70 kgf/cm² (7.0 MPa)	

★When the displacement of the front and rear pump is different, the large displacement pump should be installed in the front part. For example:SVPDF-4070-3070-20.

Please refer to P.37 for the piping of the drain port, the setting of the pressure and displacement

Graphic Symbol

SVPDF-30☼-30☼ SVPDF-40☼-30☼ SVPDF-40☼-40☼



Characteristics : The following characteristics are based on fluid viscosity 46 mm²/s (ISO VG-46 40°C), N = 1500 rpm.

1800 rpm, Please refer to P38