

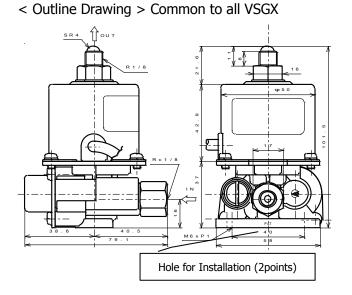
VSGX			Non Capacity Type Solenoid Pump Oil series Pressure (Piston) Type			
<characteristic></characteristic>	O T p O C ci	his model is our standard of Oil series/Pressure (Piston type). his model is a low vibration / low noise type which adopts a ressure reducing valve as a pressure adjustment mechanism. ur pumps are applied to many input voltage with coil ustomizing. Our pump is driven by half-wave rectification at AC put. is possible to customize a standard to RoHS application.				
<application></application>	<u> </u>	irculation system of oil	ich is applied for Heater, Boiler. device. Icement and a small order quantity.			

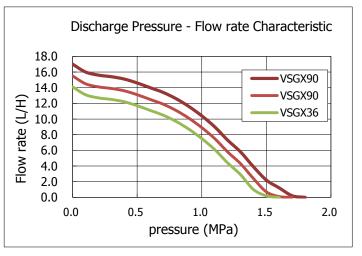
<Specification>

Model	VSGX36	VSGX63	VSGX90
Voltage Rating	AC100-240	/(50/60Hz)(half-wave red	tification)※1
Fluid	Kerosene,	Light Oil, Lubricating Oil,	Bio Oil※2
Power Consumption (VA)(TyP.)	19	25	34
Max. Flow rate (50Hz/60Hz)(L/H)	14.1 / 15.8	15.5 / 17.7	17.0 / 19.5
Max. Pressure (Closed outside)(MPa)	1.6 / 1.5	1.7 / 1.5	1.8 / 1.6
Adjusting Pressure	Pre	ssure reducing valve syst	em
Nozzle Application(GPH)	0.5 ~ 1.0	1.0 ~ 1.5	1.5 ~ 2.5
Suction Head(m)		-1.0 ~ +2.0	
Check valve		Inserted into a pump	
Room Temperature (°C)	-2	20°C~+40°C (No Freezing)
Installation	2-M6	xP1.0 (Pitch of 2 holes: 40	lmm)
Connection	II	N: Rc1/8, OUT: G1/8 (SR4	-)
Weight (kg)	0.72	0.73	0.75

×1. Our pump is customized for each voltage. Please propose your request voltage (AC/DC) to use to us.

&2. Please let me know your usage fluid. However, our standard guarantee is for Kerosene or Light oil fluid.





%This characteristic is not guaranteed but just as a reference.

Nippon Control Kogyo Co., Ltd. Sales Dept. 5-1-16 Chiyoda, Sakado, Saitama 350-0214 JAPAN. Tel. +81-49-283-7711 – Fax. +81-49-283-7717 – www.nipcon.co.jp



<<< User's Manual >>>						
1. Input	≪100VAC-240VAC 50/60Hz(half-wave rectification) ≫					
Voltage:	Connect a rectification diode.					
i eita gei	① For two wire \cdots Connect a diode on one wire, and input AC power to both wires.					
	2 For three wire $\cdot \cdot \cdot$ Connect a diode on Blue wire, and input AC power to two wires.					
	Wiring (50HZ) ··· Blue and Red wire(Yellow is unnecessary) (60HZ) ··· Blue and Yellow wire(Red is unnecessary)					
	<wiring reference=""></wiring>					
	Rectification Diode					
	(vzc					
	100VAC-240VAC					
	*The third wire is removed					
	\ll 12VDC, 24VDC(by PWM or PFM) \gg It is necessary to preparing a driver.					
	Please refer the other manual of circuit specification.					
2. Setting	As a principle, install a pump discharge side in the vertical and turning it upward toward the					
	ground.					
	Entrained air may be necessary for several minutes to come out, and, discharge pressure and					
	flow rate may be instability when the inlet side of pump is downward.					
3. Vibration	This pump causes some vibration with driving. To avoid any bad effect to device, to have an attention to the strength of setting plate and the					
	setting way, and to use a vibration-absorbing rubber mat is effective.					
4. Attention	O Do not idle a pump without a fluid for 15min. or more.					
to use	○ This model is not a structure for waterproof. It causes a trouble when it becomes covered					
	with the water. Be careful of such use under the condition which electricity puts specially because it is very dangerous.					
	 Stop use at once, and tell conditions to the one to Sales Dept. when there is a problem such 					
	as fluid leakage on your application. Do not disassemble our pump by yourself, please.					
5. Setting						
Example						
	TANK					
	strainer					

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