



Outboard Power Steering System

Feature & Components, Specifications

특징




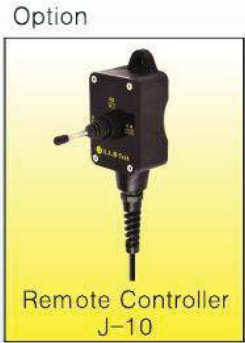
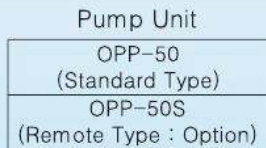


- 파워 스티어링 구동으로 스티어링 휠의 작동이 원활하고 적은 전압과 적은 힘으로 운전이 가능한 시스템이다.
- 스티어링 휠을 동작시킬 때 센서가 감지되어 일정시간만 펌프 유닛이 동작하고, 스티어링 휠의 동작이 멈추면 일정시간 후 정지하여 배터리의 소모를 줄인다.
- 선박의 용도 및 기능에 맞게 모델을 선정할 수 있다.
- 파워 스티어링 펌프 유닛은 모터 과부하 차단장치를 내장하여 모터가 타거나 늘어붙는 것을 방지한다.
- 컨트롤 박스 (OPC-40)는 프리볼트 용으로 설계·제작되어 DC 12V ~ DC 24V 까지 펌프 유닛 구동이 가능하다.

Features

- Power-drive system offers smooth steering wheel operation by lessening turns to lock to lock and with lesser force.
- When steering wheel is steered, the sensor detects its movement and allows motor unit to operate for a period of time. When there is no movement detected on steering wheel, the motor unit goes into sleep mode which helps to consume less battery.
- Accordance to desired purpose and function of vessel, suitable model can be selected.
- In-built overload protection device within the power steering pump unit prevent the motor from burning out.
- Control box (OPC-40) is designed and manufactured with free-volt type, which allows pump unit to operate on DC 12V ~ DC 24V.

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Components (OPS-50 / OPS-50S)

 <p>Control Box OPC-40</p>	 <p>Steering Wheel Ass'y OPW-50S / OPW-50R</p>	 <p>Oil SO-02 (#15, 1ℓ×4EA)</p>	<p>Option</p>  <p>Remote Controller J-10</p>
 <p>Pump Unit OPP-50 (Standard Type) OPP-50S (Remote Type : Option)</p>	 <p>Flexible Hose 5/16"×5m (2EA) (Standard Type) 5/16"×5m (4EA) (Remote Type : Option)</p>	 <p>Hose Coupling 5/16" (2EA) (Standard Type) 5/16" (4EA) (Remote Type : Option)</p>	

System Specification

System Model	OPS-50	OPS-50S
Power Source	DC 12V	
Max. Current	35.8A	
Pump Unit Model	OPP-50	OPP-50S
Solenoid Valve	×	○
Pump Unit Capacity	4.5 ℓ/min	
Pump Pressure	50 kg/cm ²	
Setting Pressure	35 kg/cm ²	
Control Box Model	OPC-40	
Steering Wheel Ass'y Model	OPW-50S / OPW-50R	
Steering Unit Model (Capacity)	SU-50S(50 cc/rev) / SU-50R(50 cc/rev)	
Oil	#15, 1ℓ × 4EA	
Hose	5/16" × 5m, 2EA	5/16" × 5m, 4EA

※ DC 24V 용은 별도 주문 생산 가능함.

※DC 24V can be supplied upon request.



Outboard Joystick Power Steering

HRP-75H

특징

- 헬 하우스의 Helm Pump와 병렬로 사용 가능
- 리모콘 조작으로 장소에 구애를 받지 않고 운전 가능
- 자유로운 토출유량 조절로 실린더 속도조절 가능
- 콤팩트하게 일체화 된 타입으로 간단한 설치

Features

- Can be arranged parallel with helm pump from the wheel house.
- Allows convenient steering with remote control regardless of place limitation.
- With freely adjustable oil-input, cylinder speed can be easily controlled.
- With its compact and integrated design, installation can be easily done.

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HRP-75H (Power Pack)



Specifications

Model	HRP-75H
Power Source	Battery DC 12V
Max. Current	23.8A
Motor	DC 12V, 200W, 1800 rpm
Pump Capacity	Max 3.2 l/min
Setting Pressure	35 kg/cm ²
Motor Plunger Pump	HRP-75
Non-Return Valve	NB-100
Motor Controller Unit	MT-V40
Remote Controller	J-10
Application	Use it as parallel connection with Helm pump

※ DC 24V 용은 별도 주문 생산 가능함. ※ DC 24V can be supplied upon request.

Diagram (Full System)

