



SeaTurtle Outboard Hydraulic Steering System

Product Brochure

ISO 9001:2015

2025

2026

www.seaturtlehydraulic.com



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SeaTurtle Hydraulic Steering Systems

SeaTurtle specializes in high-performance hydraulic steering systems, designed to provide precise control and smooth steering for boats and yachts. Our products are fully interchangeable with original systems and come at a competitive price, offering the best value in the market.

”

OEM and ODM support for customized solutions

High-quality manufacturing with advanced technology

Competitive pricing without compromising on performance



INDEX

Hydraulic Steering for Outboard

Complete Package System : CJX90HP	P4
Complete Package System : CJX150HP	P5
Complete Package System : CJX200HP	P6
Complete Package System : CJX300HP	P7
Complete Package System : CJX350HP	P8
Complete Package System : CJX700HP	P9

Hydraulic Tractor PTO Pump

Hydraulic Tractor PTO Pump	P25
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Hydraulic Log Splitter Pump

Hydraulic Log Splitter Pump	P30
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Hydraulic Steering for Outboard



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CJX-90HP



- For engine under 90hp
- Easy installation for limited space
- Standard wheel turns : 5±0.5 lock to lock
- Quick and Convenient installation

Standard Steering kit includes

Components	Description	Ref Page	Remark
Steering Pump	Front Mount Helm pump 16cc	P16	Standard Package
Steering Cylinder	Cylinder for small engine under 90HP	P10	Standard Package
Hose	Hydraulic Hose 1/4", 7 meter x 2 pcs	P22	Standard Package
Oil	Hydraulic oil 1 liter x 2 bottles. ISO VG15	P22	Standard Package
Other	Mounting plate *1 135-degree elbow fittings *2 (with O-rings) Quick connectors *2 Mounting bushings *4 φ6 washers *4 (6.5mm) M6 nuts *4 φ16 washers *2 (1/2) M16 locknuts *2 (1/2) Transparent hoses with connectors *2 (one with connector, one without) Plastic grease nipple *1 Instruction manual *1	P22	Standard Package

Note

* For bigger or smaller helm pump, Consult with your Customer Manager.

**You can change the hose length or add bulkhead mounting kit.

Application Guide

System Model	Applicable Outboard Motors	Remark
CJX-90HP	Yamaha 4 stroke : From 20hp to 90hp Yamaha 2 stroke : From 30hp to 95hp Honda 4 stroke : From 20hp to 70hp Suzuki 4 stroke : From 20hp to 70hp Mercury : From 30hp to 90hp Tohatsu 4 stroke : 30hp to 90hp Tohatsu 2 stroke : 30hp to 90hp	Outboard

CJX-150HP



- For engine under 150hp
- Easy installation for limited space
- Standard wheel turns : 5.5±0.5 lock to lock
- Quick and Convenient installation

Standard Steering kit includes

Components	Description	Ref Page	Remark
Steering Pump	Front Mount Helm pump 18cc	P17	Standard Package
Steering Cylinder	Cylinder for small engine under 150HP	P11	Standard Package
Hose	Hydraulic Hose 5/16", 7 meter x 2 pcs	P22	Standard Package
Oil	Hydraulic oil 1 liter x 2 bottles. ISO VG15	P22	Standard Package
Other	Mounting plate *1 135-degree elbow fittings *2 (with O-rings) Quick connectors *2 Mounting bushings *4 φ6 washers *4 (6.5mm) M6 nuts *4 φ16 washers *2 (1/2) M16 locknuts *2 (1/2) Transparent hoses with connectors *2 (one with connector, one without) Plastic grease nipple *1 Instruction manual *1	P22	Standard Package

Note

* For bigger or smaller helm pump, Consult with your Customer Manager.

**You can change the hose length or add bulkhead mounting kit.

Application Guide

System Model	Applicable Outboard Motors	Remark
CJX-150HP	Yamaha 4 stroke : From 75hp to 150hp Yamaha 2 stroke : 50hp, 60hp and From 100hp to 150hp Suzuki 4 stroke : From 70hp to 150hp Honda 4 stroke : From BF 50 to BF 150 except old BF 115A/ old BF 130A Mercury : From 50hp to 150hp except old 4 stroke(1732cc) from 75hp and 115 hp Tohatsu 4 stroke : Up to 150hp Tohatsu 2 stroke : Up to 140hp Evinrude : From 65hp to 150hp	Outboard

CJX-200HP



- For engine under 200hp
- Easy installation for limited space
- Standard wheel turns : 5.5±0.5 lock to lock
- Quick and Convenient installation

Standard Steering kit includes

Components	Description	Ref Page	Remark
Steering pump	Front Mount Helm pump 18cc	P18	Standard Package
Steering cylinder	Cylinder for small engine under 200HP	P12	Standard Package
Hose	Hydraulic Hose 5/16", 7 meter x 2 pcs	P22	Standard Package
Oil	Hydraulic oil 1 liter x 2 bottles. ISO VG15	P22	Standard Package
Other	Mounting plate *1 135-degree elbow fittings *2 (with O-rings) Quick connectors *2 Mounting bushings *4 φ6 washers *4 (6.5mm) M6 nuts *4 φ16 washers *2 (1/2) M16 locknuts *2 (1/2) Transparent hoses with connectors *2 (one with connector, one without) Plastic grease nipple *1 Instruction manual *1	P22	Standard Package

Note

* For bigger or smaller helm pump, Consult with your Customer Manager.

**You can change the hose length or add bulkhead mounting kit.

Application Guide

System Model	Applicable Outboard Motors	Remark
CJX-200HP	Yamaha 4 stroke : From 75hp to 150hp Yamaha 2 stroke : 50hp, 60hp and From 100hp to 150hp Suzuki 4 stroke : From 70hp to 150hp Honda 4 stroke : From BF 50 to BF 150 except old BF 115A/ old BF 130A Mercury: From 50hp to 150hp except old 4 stroke(1732cc) from 75hp and 115 hp Tohatsu 4 stroke : Up to 150hp Tohatsu 2 stroke : Up to 140hp Evinrude : From 65hpto 150hp	Outboard



Hydraulic Steering for Outboard



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CJX-300HP



- For engine under 300hp
- Easy installation for limited space
- Standard wheel turns : 7±0.5 lock to lock
- Quick and Convenient installation

Standard Steering kit includes

Components	Description	Ref Page	Remark
Steering pump	Front Mount Helm pump 20cc	P19	Standard Package
Steering cylinder	Cylinder for small engine under 300HP	P13	Standard Package
Hose	Hydraulic Hose 5/16", 7 meter x 2 pcs	P22	Standard Package
Oil	Hydraulic oil 1 liter x 2 bottles. ISO VG15	P22	Standard Package
Other	Mounting plate *1 135-degree elbow fittings *2 (with O-rings) Quick connectors *2 Mounting bushings *4 φ6 washers *4 (6.5mm) M6 nuts *4 φ16 washers *2 (1/2) M16 locknuts *2 (1/2) Transparent hoses with connectors *2 (one with connector, one without) Plastic grease nipple *1 Instruction manual *1	P22	Standard Package

Note

* For bigger or smaller helm pump, Consult with your Customer Manager.

**You can change the hose length or add bulkhead mounting kit.

Application Guide

System Model	Applicable Outboard Motors	Remark
CJX-90HP	Yamaha 4 stroke : From 75hp to 150hp Yamaha 2 stroke : 50hp, 60hp and From 100hp to 150hp Suzuki 4 stroke : From 70hp to 150hp Honda 4 stroke : From BF 50 to BF 150 except old BF 115A/ old BF 130A Mercury: From 50hp to 150hp except old 4 stroke(1732cc) from 75hp and 115 hp Tohatsu 4 stroke : Up to 150hp Tohatsu 2 stroke : Up to 140hp Evinrude : From 65hpto 150hp	Outboard

CJX-300HP



- For engine under 300hp
- Easy installation for limited space
- Standard wheel turns : 7±0.5 lock to lock
- Quick and Convenient installation

Standard Steering kit includes

Components	Description	Ref Page	Remark
Steering pump	Front Mount Helm pump 20cc	P19	Standard Package
Steering cylinder	Cylinder for small engine under 300HP	P13	Standard Package
Hose	Hydraulic Hose 5/16", 7 meter x 2 pcs	P22	Standard Package
Oil	Hydraulic oil 1 liter x 2 bottles. ISO VG15	P22	Standard Package
Other	Mounting plate *1 135-degree elbow fittings *2 (with O-rings) Quick connectors *2 Mounting bushings *4 φ6 washers *4 (6.5mm) M6 nuts *4 φ16 washers *2 (1/2) M16 locknuts *2 (1/2) Transparent hoses with connectors *2 (one with connector, one without) Plastic grease nipple *1 Instruction manual *1	P22	Standard Package

Note

* For bigger or smaller helm pump, Consult with your Customer Manager.

**You can change the hose length or add bulkhead mounting kit.

Application Guide

System Model	Applicable Outboard Motors	Remark
CJX-90HP	Yamaha 4 stroke : From 75hp to 150hp Yamaha 2 stroke : 50hp, 60hp and From 100hp to 150hp Suzuki 4 stroke : From 70hp to 150hp Honda 4 stroke : From BF 50 to BF 150 except old BF 115A/ old BF 130A Mercury: From 50hp to 150hp except old 4 stroke(1732cc) from 75hp and 115 hp Tohatsu 4 stroke : Up to 150hp Tohatsu 2 stroke : Up to 140hp Evinrude : From 65hpto 150hp	Outboard

CJX-350HP



- For engine under 350hp
- Easy installation for limited space
- Standard wheel turns : 6.5 lock to lock
- Quick and Convenient installation

Standard Steering kit includes

Components	Description	Ref Page	Remark
Steering pump	Front Mount Helm pump 22cc	P20	Standard Package
Steering cylinder	Cylinder for small engine under 350HP	P14	Standard Package
Hose	Hydraulic Hose 5/16", 7 meter x 2 pcs	P22	Standard Package
Oil	Hydraulic oil 1 liter x 2 bottles. ISO VG15	P22	Standard Package
Other	Mounting plate *1 135-degree elbow fittings *2 (with O-rings) Quick connectors *2 Mounting bushings *4 φ6 washers *4 (6.5mm) M6 nuts *4 φ16 washers *2 (1/2) M16 locknuts *2 (1/2) Transparent hoses with connectors *2 (one with connector, one without) Plastic grease nipple *1 Instruction manual *1	P22	Standard Package

Note

* For bigger or smaller helm pump, Consult with your Customer Manager.

**You can change the hose length or add bulkhead mounting kit.

Application Guide

System Model	Applicable Outboard Motors	Remark
CJX-150HP	Yamaha 4stroke : From 75hp to 350hp Yamaha 2stroke : 50hp, 60hp and From 100hp to 250hp Suzuki 4stroke : From 70hp to 300hp Honda 4stroke : From BF50 to BF250, BF350 (single only) except old BF 115A / old BF 130A Mercury : From 50hp to 250hp except old 4stroke 75hp and 115hp Tohatsu 4stroke : From BFT 70 to BFT 250 except old BFT115A / old BFT 130A Tohatsu 2stroke : Up to 140hp Evinrude : From 65hp to 300hp Parsun 4stroke: F85~F130, F300	Outboard



Hydraulic Steering for Outboard



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CJX-700HP



- For engine under 700hp
- Easy installation for limited space
- Standard wheel turns :6.5 lock to lock
- Quick and Convenient installation

Standard Steering kit includes

Components	Description	Ref Page	Remark
Steering pump	Front Mount Helm pump 25cc	P21	Standard Package
Steering cylinder	Cylinder for small engine under 750HP	P15	Standard Package
Hose	Hydraulic Hose 5/16", 7 meter x 2 pcs	P22	Standard Package
Oil	Hydraulic oil 1 liter x 2 bottles. ISO VG15	P22	Standard Package
Other	Mounting plate *1 135-degree elbow fittings *2 (with O-rings) Quick connectors *2 Mounting bushings *4 φ6 washers *4 (6.5mm) M6 nuts *4 φ16 washers *2 (1/2) M16 locknuts *2 (1/2) Transparent hoses with connectors *2 (one with connector, one without) Plastic grease nipple *1 Instruction manual *1	P22	Standard Package

Note

* For bigger or smaller helm pump, Consult with your Customer Manager.

**You can change the hose length or add bulkhead mounting kit.

Application Guide

System Model	Applicable Outboard Motors	Remark
CJX-700HP	Ary above 200HP of all brands	Outboard

CJX-90HP-Cylinder

Suitable for

- Hydraulic Steering system
- Hydraulic Power Steering System(Maxteering)

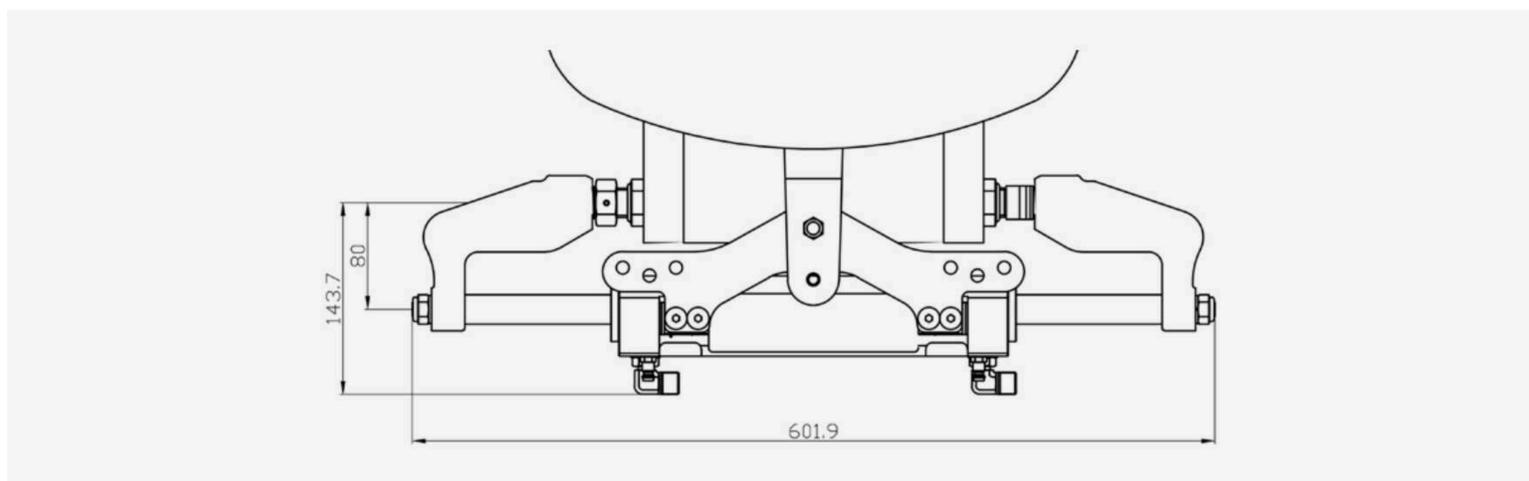


Features

- Stainless steel shaft with hard chrome plate
- Aluminum tube with anodizing
- Aluminum arms with anodizing
- Stainless steel lock nuts
- Balanced cylinder, front mount

Components	Description
Hydraulic cylinder capacity (L/CC)	73±10%ml
Piston cylinder diameter (mm)	25±0.5mm
Piston rod diameter (mm)	14±0.5mm
★Stride length (mm)	200±2mm
Product size	530*190*45mm

Dimension



CJX-150HP-Cylinder

Suitable for

- Hydraulic Steering system
- Hydraulic Power Steering System(Maxteering)

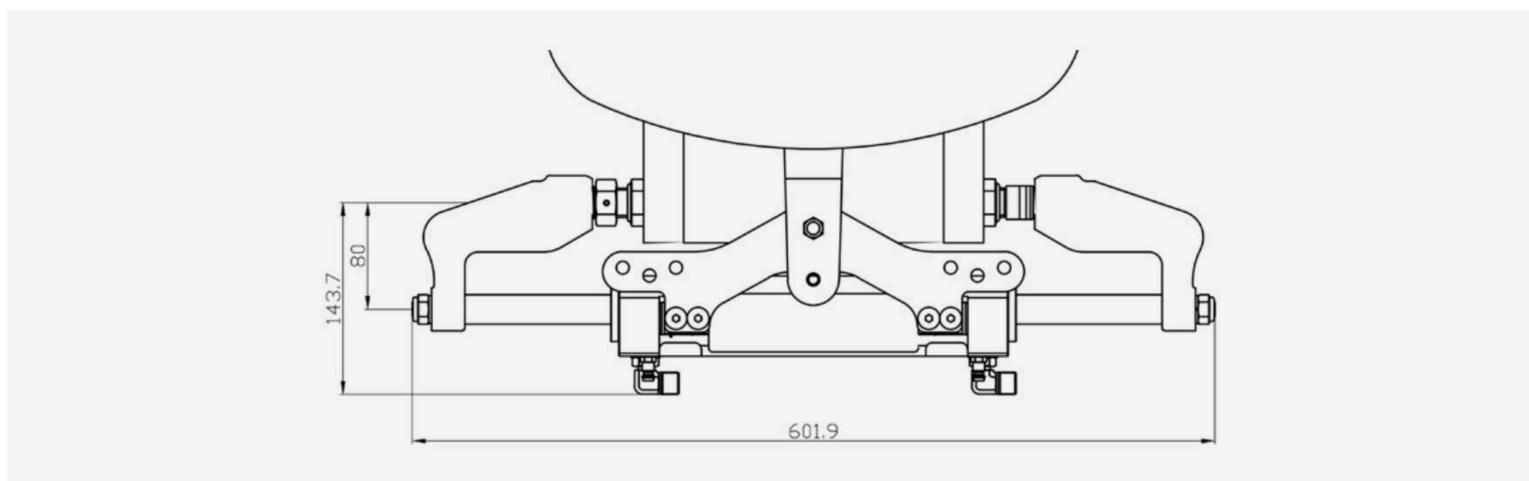


Features

- Stainless steel shaft with hard chrome plate
- Aluminum tube with anodizing
- Aluminum arms with anodizing
- Stainless steel lock nuts
- Balanced cylinder, front mount

Components	Description
Hydraulic cylinder capacity (L/CC)	117±10%ml
Piston cylinder diameter (mm)	30±0.5mm
Piston rod diameter (mm)	16±0.5mm
★Stride length (mm)	195±2mm
Product size	550*115*85mm

Dimension



CJX-200HP-Cylinder

Suitable for

- Hydraulic Steering system
- Hydraulic Power Steering System(Maxteering)

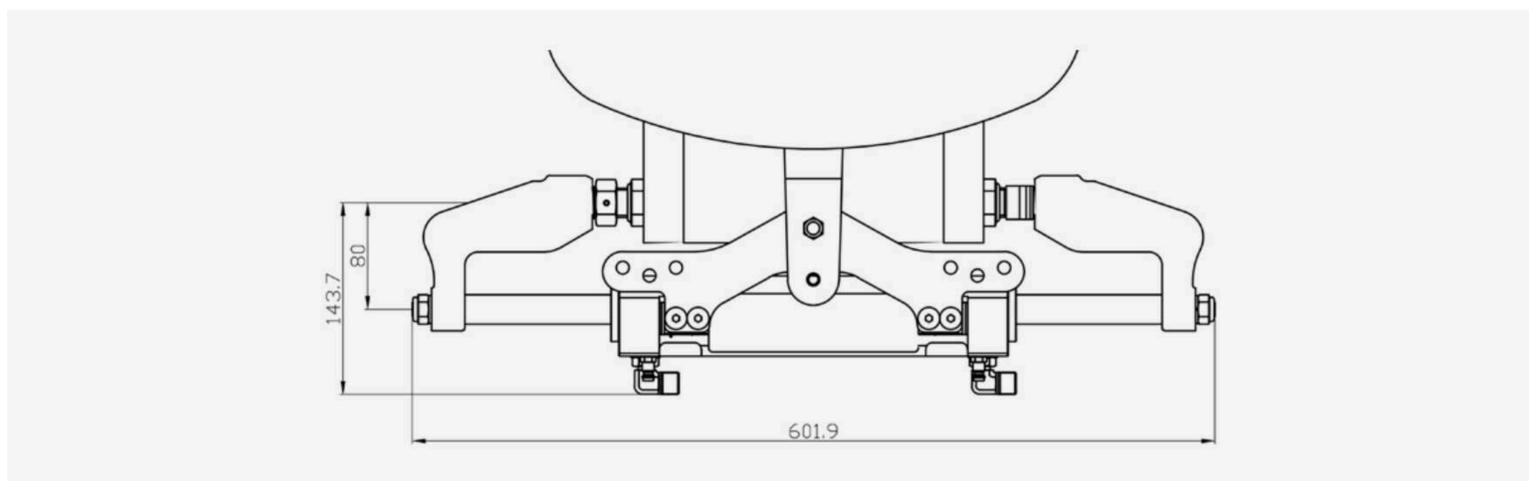


Features

- Stainless steel shaft with hard chrome plate
- Aluminum tube with anodizing
- Aluminum arms with anodizing
- Stainless steel lock nuts
- Balanced cylinder, front mount

Components	Description
Hydraulic cylinder capacity (L/CC)	141±10%ml
Piston cylinder diameter (mm)	35±0.5mm
Piston rod diameter (mm)	18±0.5mm
★Stride length (mm)	200±3mm
Product size	530*190*45mm

Dimension



CJX-300HP-Cylinder

Suitable for

- Hydraulic Steering system
- Hydraulic Power Steering System(Maxteering)

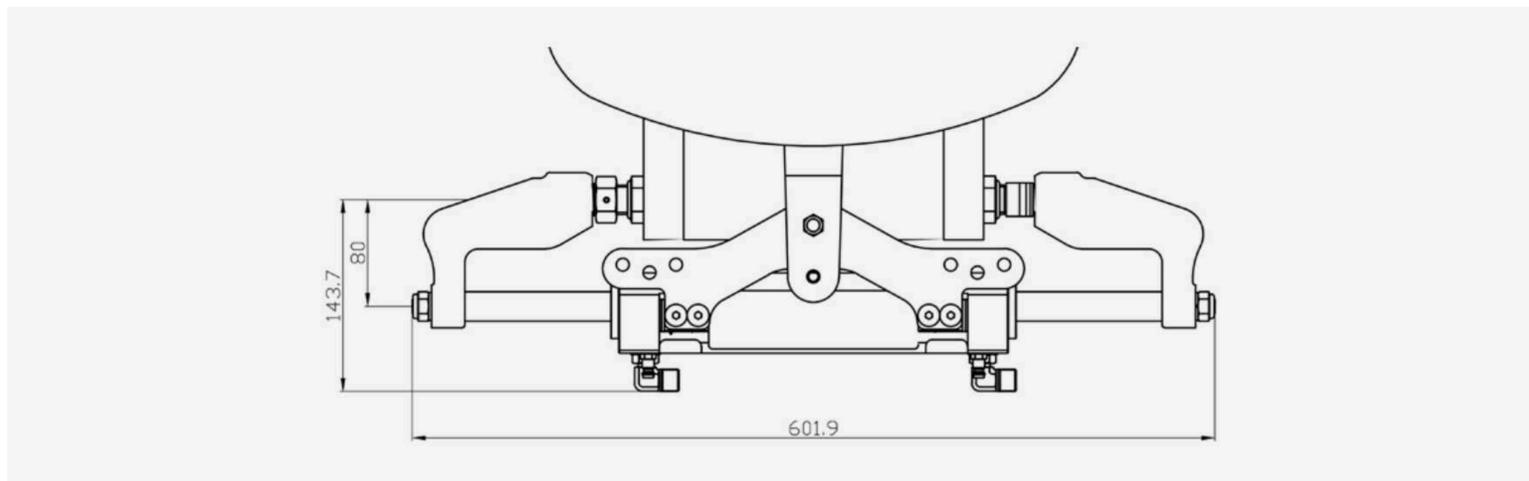


Features

- Stainless steel shaft with hard chrome plate
- Aluminum tube with anodizing
- Aluminum arms with anodizing
- Stainless steel lock nuts
- Balanced cylinder, front mount

Components	Description
Hydraulic cylinder capacity (L/CC)	141±10%ml
Piston cylinder diameter (mm)	35±0.5mm
Piston rod diameter (mm)	18±0.5mm
★Stride length (mm)	200±3mm
Product size	590*145*100mm

Dimension



CJX-300HP-Cylinder

Suitable for

- Hydraulic Steering system
- Hydraulic Power Steering System(Maxteering)

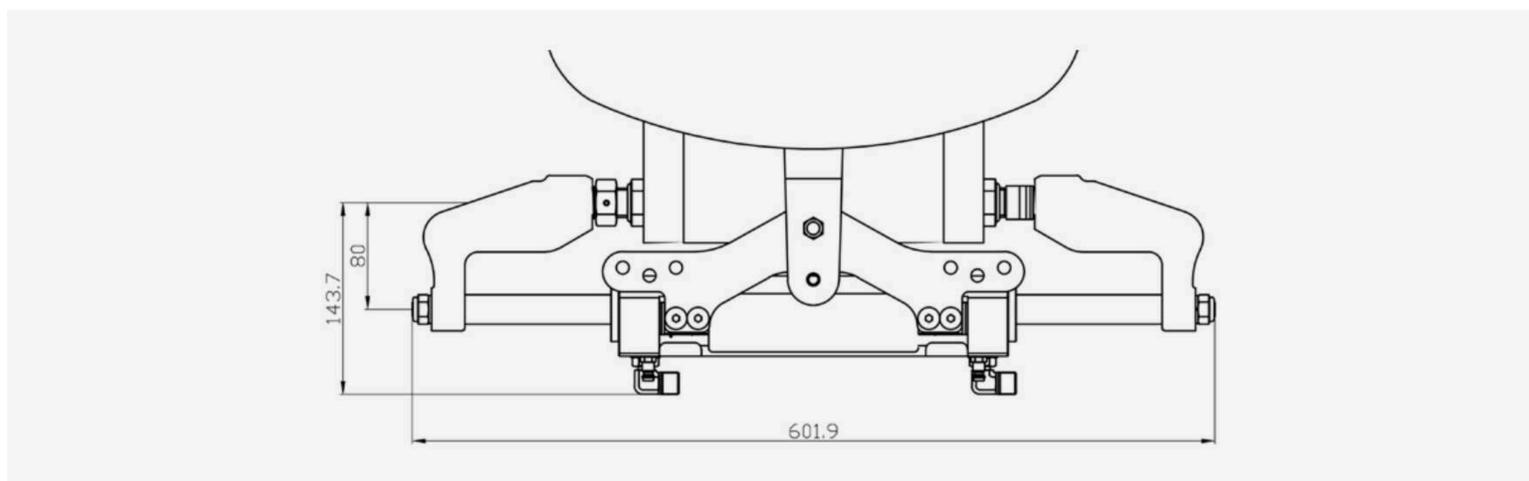


Features

- Stainless steel shaft with hard chrome plate
- Aluminum tube with anodizing
- Aluminum arms with anodizing
- Stainless steel lock nuts
- Balanced cylinder, front mount

Components	Description
Hydraulic cylinder capacity (L/CC)	141±10%ml
Piston cylinder diameter (mm)	35±0.5mm
Piston rod diameter (mm)	18±0.5mm
★Stride length (mm)	200±3mm
Product size	590*145*100mm

Dimension



CJX-350HP-Cylinder

Suitable for

- Hydraulic Steering system
- Hydraulic Power Steering System(Maxteering)

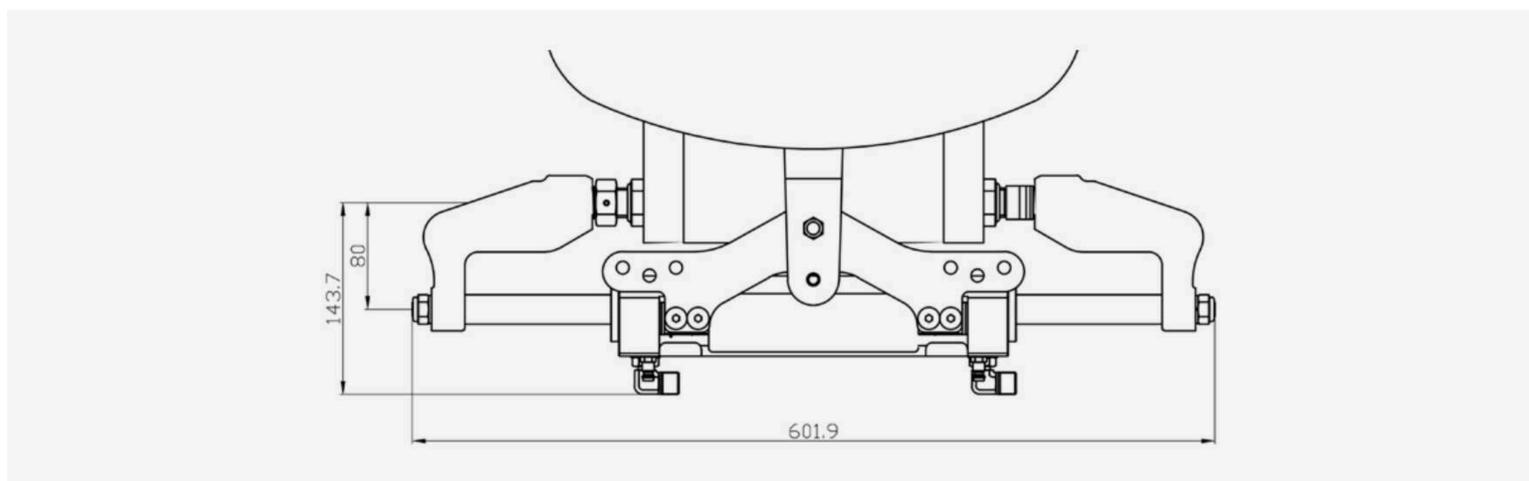


Features

- Outer layer: Pin-pricked anti-abrasion polyurethane
- Middle layer: High-resistance synthetic fiber
- Inner layer: Thermoplastic elastomer
- High-strength aluminum alloy/316L stainless steel
- High-nickel alloy

Components	Description
Hydraulic cylinder capacity (L/CC)	132±10%ml
Piston cylinder diameter (mm)	35±0.5mm
Piston rod diameter (mm)	20±0.5mm
★Stride length (mm)	203±3mm
Product size	558*190*45mm

Dimension



CJX-700HP-Cylinder

Suitable for

- Hydraulic Steering system
- Hydraulic Power Steering System(Maxteering)

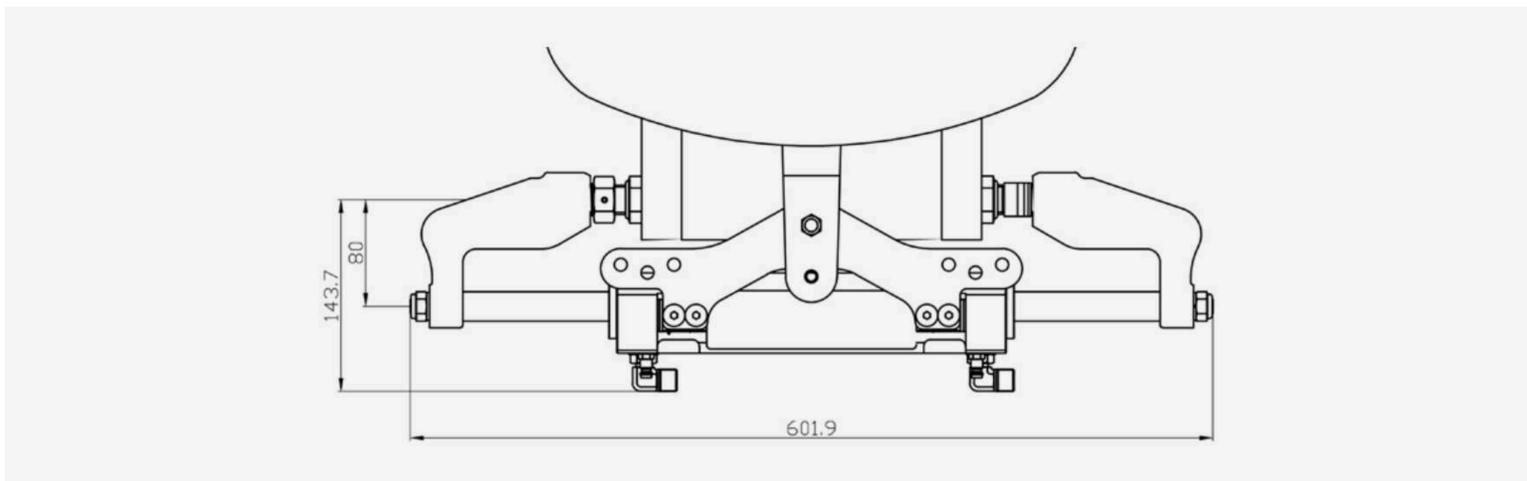


Features

- Outer layer: Pin-pricked anti-abrasion polyurethane
- Middle layer: High-resistance synthetic fiber
- Inner layer: Thermoplastic elastomer
- High-strength aluminum alloy/316L stainless steel
- High-nickel alloy

Components	Description
Hydraulic cylinder capacity (L/CC)	162±10%ml
Piston cylinder diameter (mm)	38±0.5mm
Piston rod diameter (mm)	22±0.5mm
★Stride length (mm)	215±3mm
Product size	605*190*45mm

Dimension





Hydraulic Steering for Outboard



CJX-90HP-Pump

Suitable for

- Hydraulic Steering system
- Hydraulic Power Steering System(Maxteering)

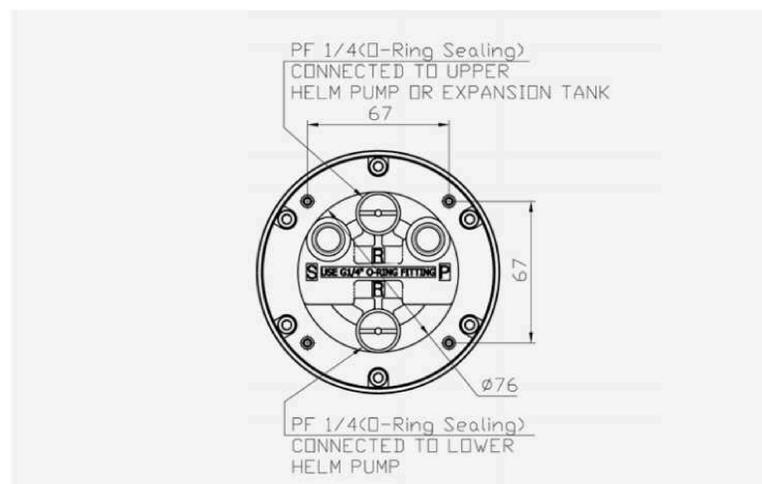
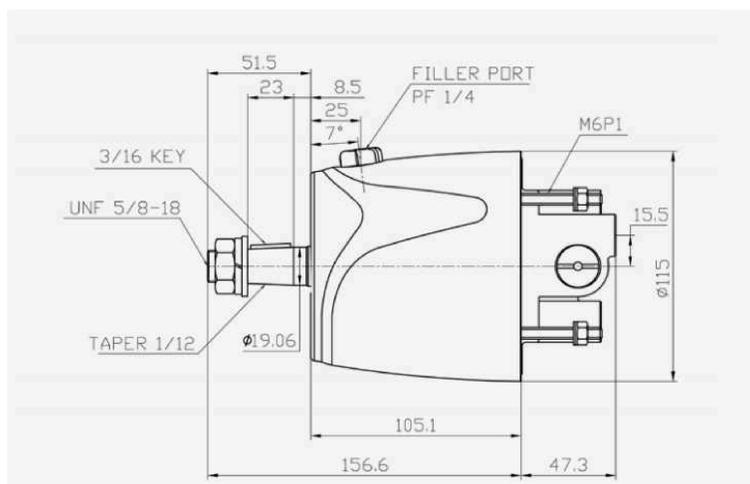
Features

1. Three ball bearings supporting the rotor, which makes the helm pump be used for heavy duty use.
2. Two shaft seals
3. Vented oil plug has the function of releasing pressure generated from inside the pump
4. STS 304 shaft for NSH / Aluminium Shaft for CSH



Components	Description
Hydraulic pump structure	Compact
Hydraulic pump full rudder turns	5±0.5
Steering wheel mounting thread specifications	5/8"-18UNF
Maximum pressure (Mpa/psi)	2.5Mpa/363psi±10%
Net Weight	2.8kg ±3%
Size	φ115*215mm

Dimension





Hydraulic Steering for Outboard



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CJX-150HP-Pump

Suitable for

- Hydraulic Steering system
- Hydraulic Power Steering System(Maxteering)

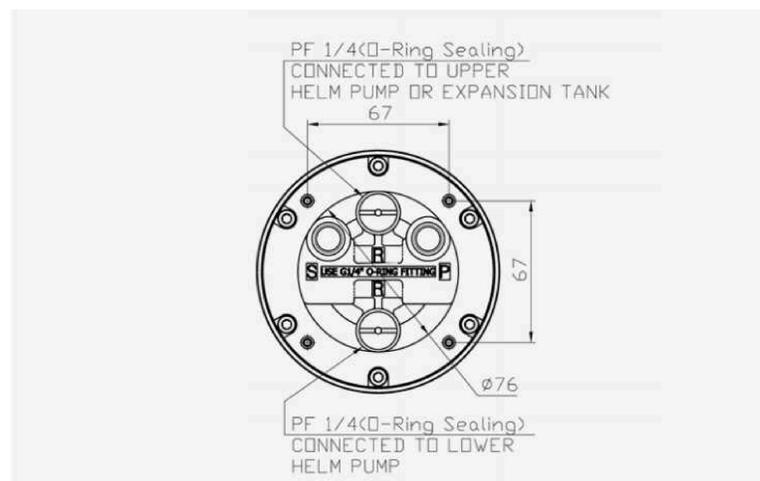
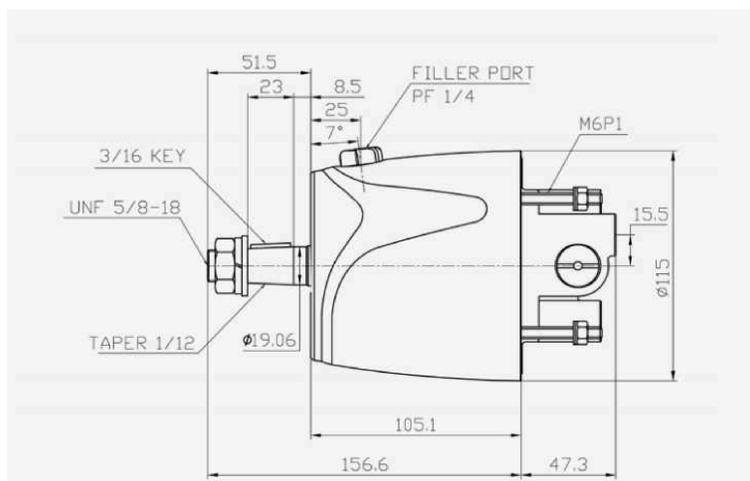
Features

1. Three ball bearings supporting the rotor, which makes the helm pump be used for heavy duty use.
2. Two shaft seals
3. Vented oil plug has the function of releasing pressure generated from inside the pump
4. STS 304 shaft for NSH / Aluminium Shaft for CSH



Components	Description
Hydraulic pump structure	Compact
Hydraulic pump full rudder turns	5.5±0.5
Steering wheel mounting thread specifications	5/8"-18UNF
Maximum pressure (Mpa/psi)	2.5Mpa/363psi±10%
Net Weight	3.5kg ±3%
Size	φ115*215mm

Dimension





Hydraulic Steering for Outboard



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CJX-200HP-Pump

Suitable for

- Hydraulic Steering system
- Hydraulic Power Steering System(Maxteering)

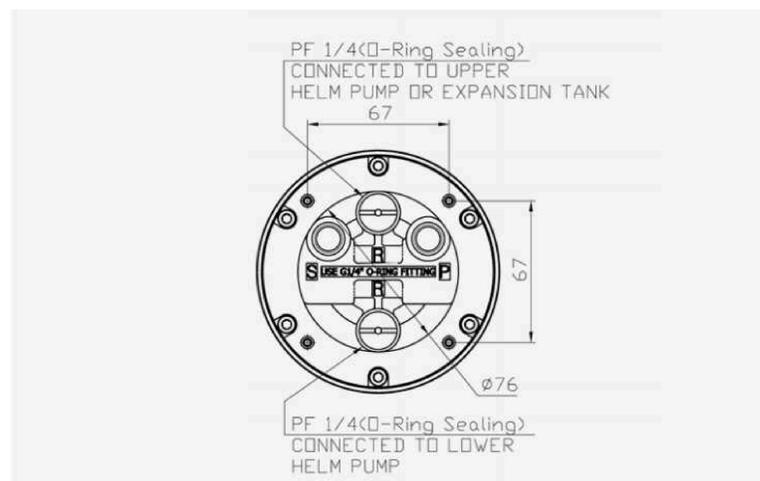
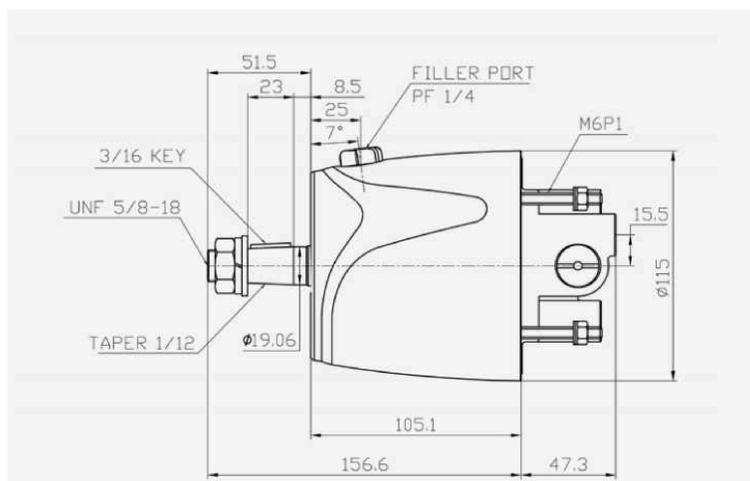
Features

1. Three ball bearings supporting the rotor, which makes the helm pump be used for heavy duty use.
2. Two shaft seals
3. Vented oil plug has the function of releasing pressure generated from inside the pump
4. STS 304 shaft for NSH / Aluminium Shaft for CSH



Components	Description
Hydraulic pump structure	Compact
Hydraulic pump full rudder turns	5.5±0.5
Steering wheel mounting thread specifications	5/8"-18UNF
Maximum pressure (Mpa/psi)	2.5Mpa/363psi±10%
Net Weight	3.5kg ±3%
Size	φ115*215mm

Dimension





Hydraulic Steering for Outboard



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CJX-300HP-Pump

Suitable for

- Hydraulic Steering system
- Hydraulic Power Steering System(Maxteering)

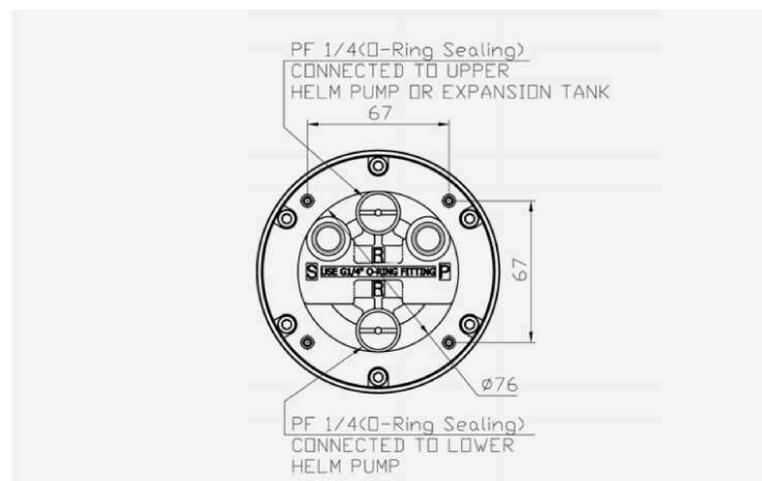
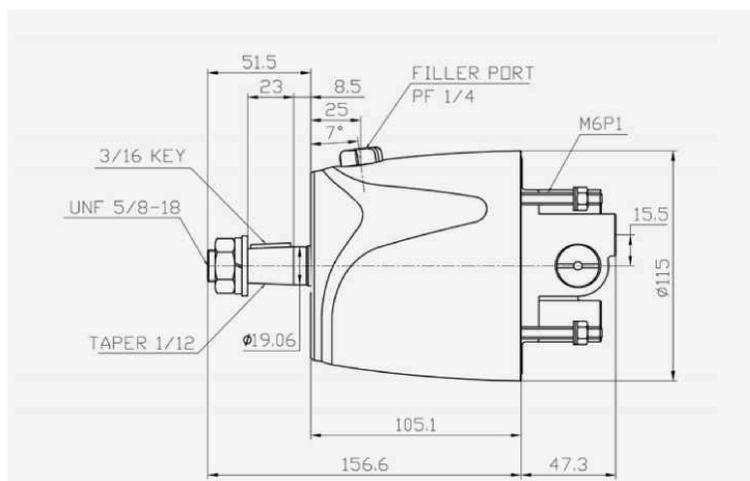
Features

1. Three ball bearings supporting the rotor, which makes the helm pump be used for heavy duty use.
2. Two shaft seals
3. Vented oil plug has the function of releasing pressure generated from inside the pump
4. STS 304 shaft for NSH / Aluminium Shaft for CSH



Components	Description
Hydraulic pump structure	Compact
Hydraulic pump full rudder turns	7±0.5
Steering wheel mounting thread specifications	5/8"-18UNF
Maximum pressure (Mpa/psi)	2.5Mpa/363psi±10%
Net Weight	3.5kg ±3%
Size	φ115*215mm

Dimension





Hydraulic Steering for Outboard



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CJX-350HP-Pump

Suitable for

- Hydraulic Steering system
- Hydraulic Power Steering System(Maxteering)

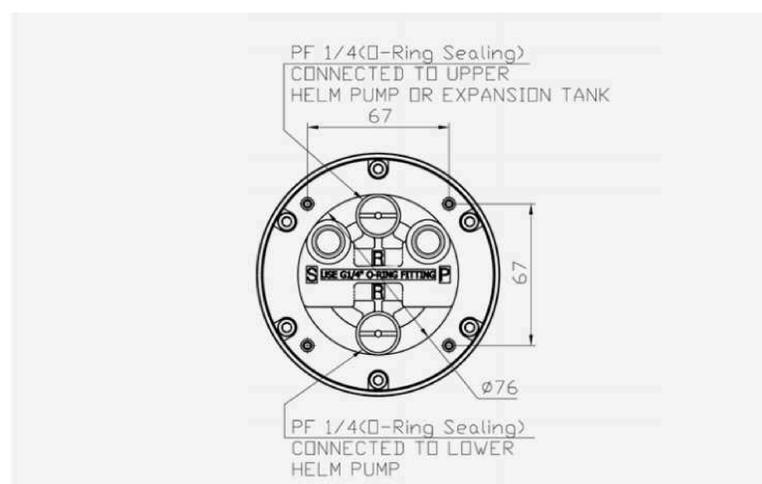
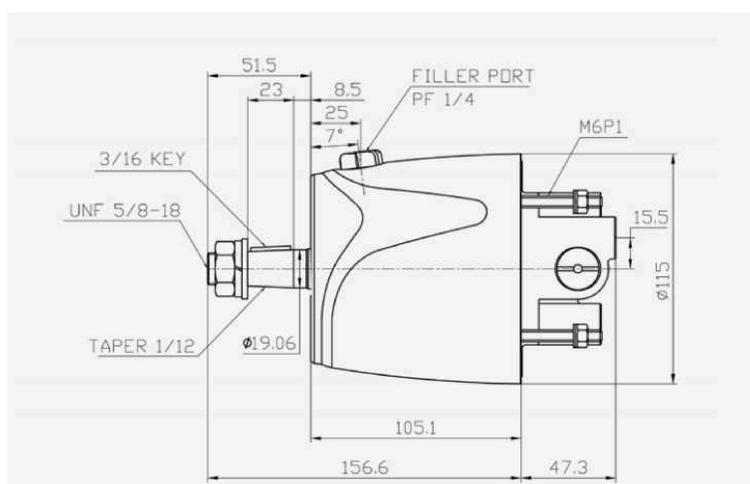
Features

1. Three ball bearings supporting the rotor, which makes the helm pump be used for heavy duty use.
2. Two shaft seals
3. Vented oil plug has the function of releasing pressure generated from inside the pump
4. STS 304 shaft for NSH / Aluminium Shaft for CSH



Components	Description
Hydraulic pump structure	Swash Plate Piston Pump
Hydraulic pump full rudder turns	6.3
Steering wheel mounting thread specifications	5/8"-18UNF
Maximum pressure (Mpa/psi)	10.3Mpa(1500psi)
Net Weight	3.5kg ±3%
Size	φ120*213MM

Dimension





Hydraulic Steering for Outboard



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CJX-300HP-Pump

Suitable for

- Hydraulic Steering system
- Hydraulic Power Steering System(Maxteering)

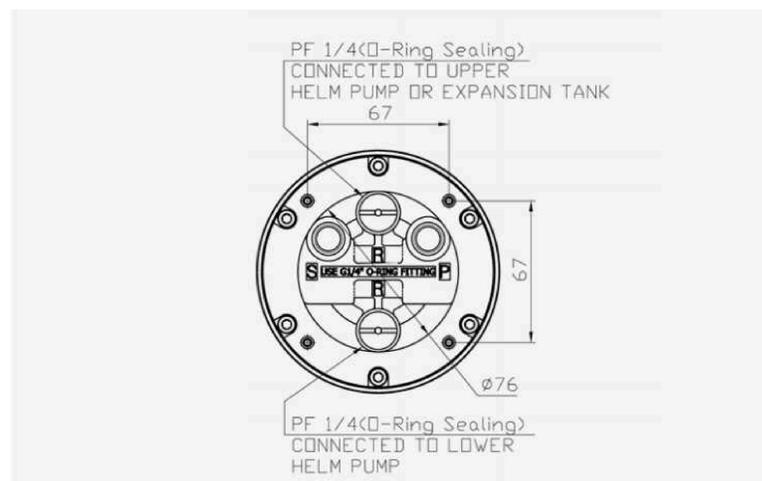
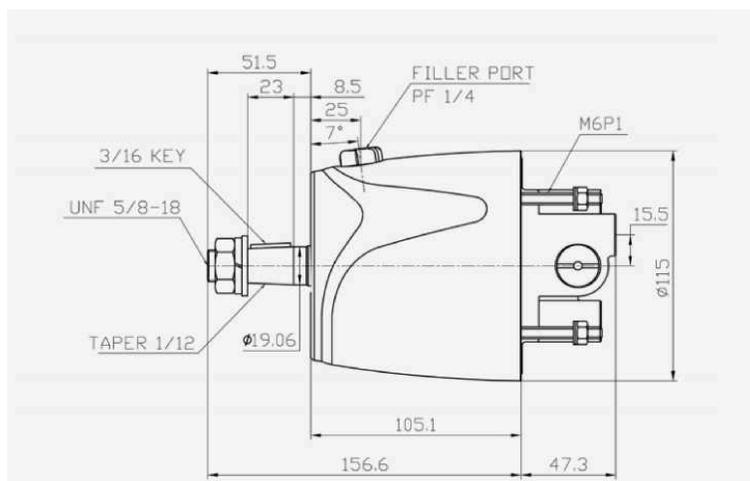
Features

1. Three ball bearings supporting the rotor, which makes the helm pump be used for heavy duty use.
2. Two shaft seals
3. Vented oil plug has the function of releasing pressure generated from inside the pump.
4. STS 304 shaft for NSH / Aluminium Shaft for CSH



Components	Description
Hydraulic pump structure	Compact
Hydraulic pump full rudder turns	6.5
Steering wheel mounting thread specifications	5/8"-18UNF
Maximum pressure (Mpa/psi)	10.3Mpa(1500psi)
Net Weight	3.5kg ±3%
Size	φ120*213MM

Dimension

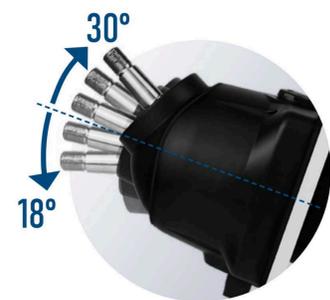


TILT HELM PUMP



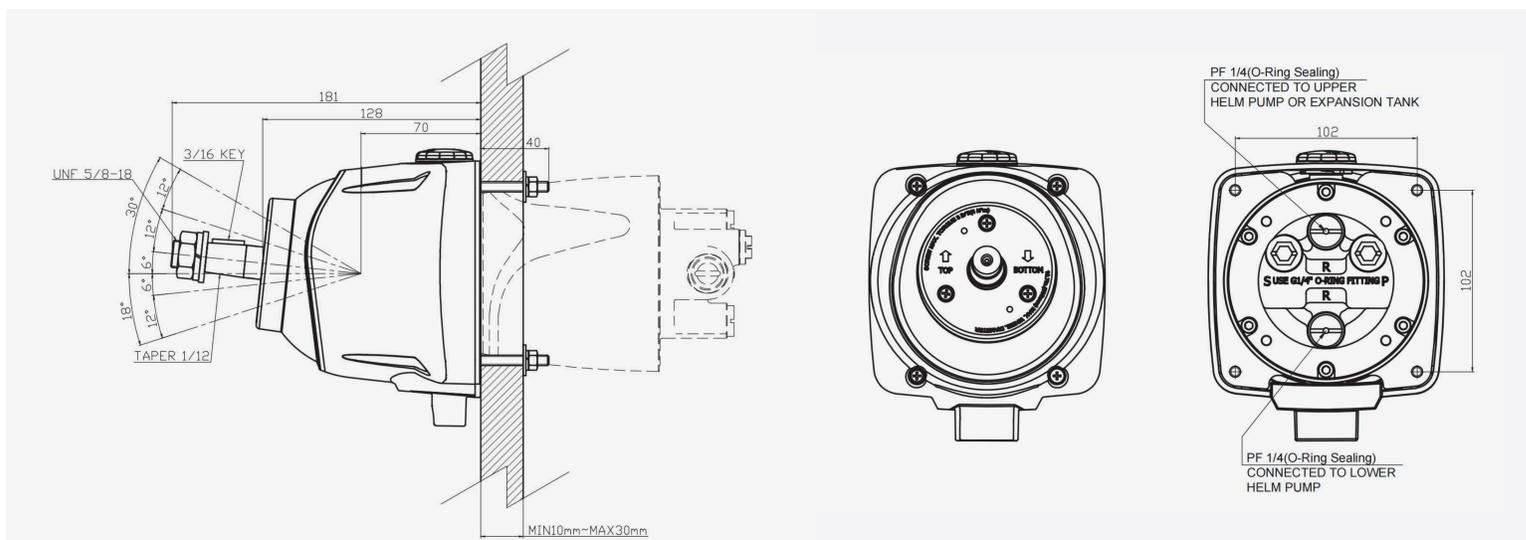
SPECIFICATION & FUNCTION

- 48 Degrees of Tilt range (30 degree up, 18 degree down) and 5 Positive Lock Positions
- Smooth operation and simple installation
- All tilt components made of stainless steel for maximum durability
- Two ball bearings fits to the tilt shaft.
- At factory, the two ports on the rear are blocked tightly with black plugs while the two ports are blocked loosely with red plugs for an easy open to connect hydraulic hose fittings.
- Fixed displacement
- Lock Valve Inbuilt



Model	Displacement		Steering Wheel	Lock valve
	cc / rev	cu.in / rev		
SFTH 018	18	1.09	Min Dia 260mm	Built-in
SFTH 020	20	1.22	Min Dia 350mm	
SFTH 022	22	1.34	Min Dia 350mm	
SFTH 025	25	1.52	Min Dia 350mm	
SFTH 030	30	1.83	Min Dia 395mm	

Dimension



Accessories



135° ELBOW-OIL PIPE JOINT



T FITTING



ELBOW FITTING



BLEED FITTING



TRANSPARENT HOSE



SPACE RING KIT



HELM PUMP MOUNTING HARD PLATE



HIGH-PRESSURE OIL PIPE



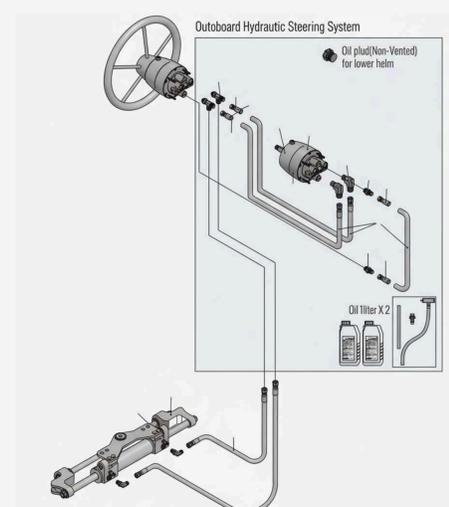
HYDRAULIC OIL



PLASTIC GREASE NIPPLE

**Each steering kit comes with a complete set of standard accessories, carefully matched to ensure smooth installation and optimal system performance.

For customers with specific requirements or personalized configurations, please contact your sales manager for tailored accessory options and technical support.





SeaTurtle Hydraulic Pump

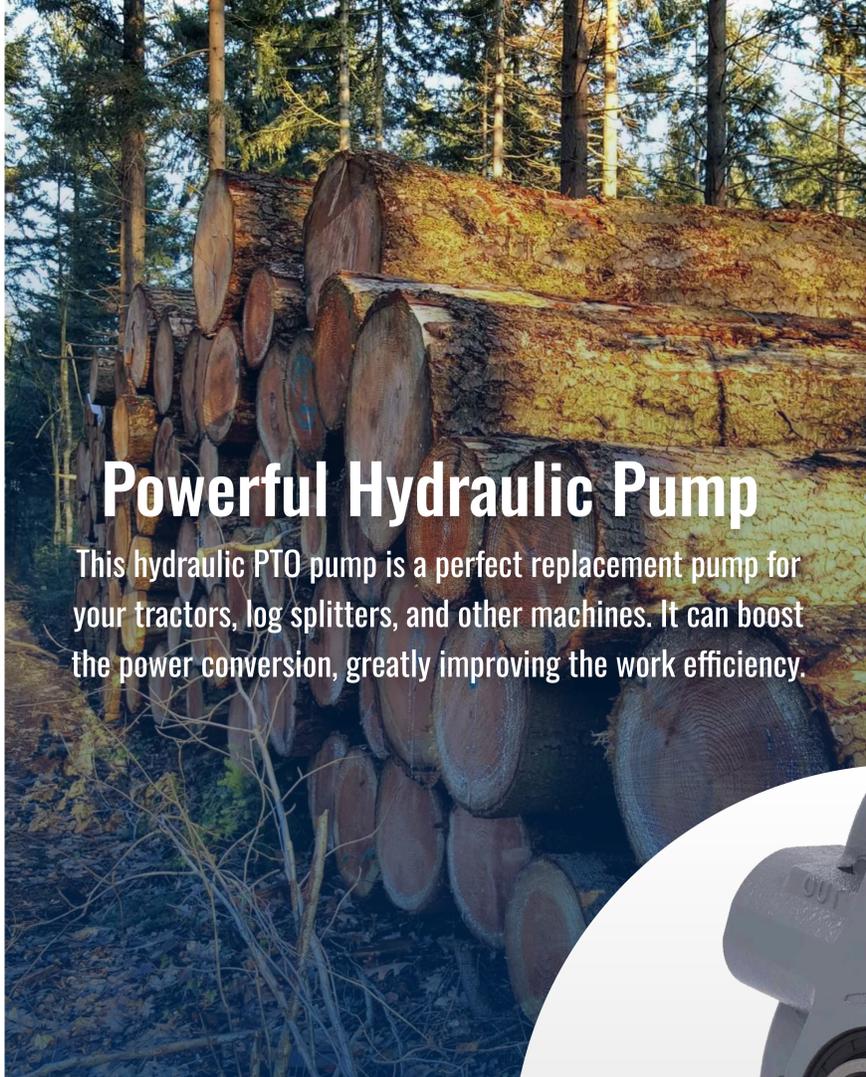
Hydraulic Tractor PTO Pump

Hydraulic Log Splitter Pump

**PART
02**

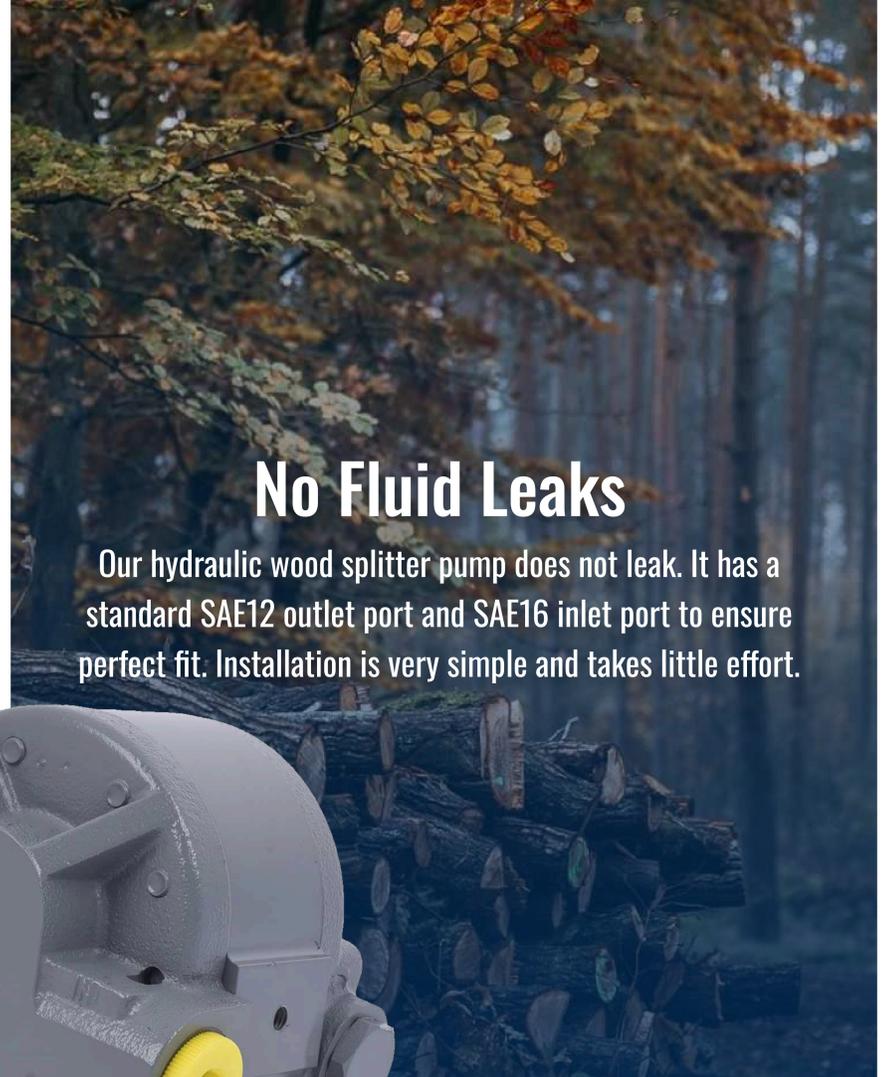
Hydraulic Tractor PTO Pump

**Used in applications where extending a hydraulic cylinder is needed, truck tailgate lift, rv leveling, scissor lift, dump trailer, lift truck, snow plow, aerial platform, road signs, material handling, wheelchair lifts, etc.



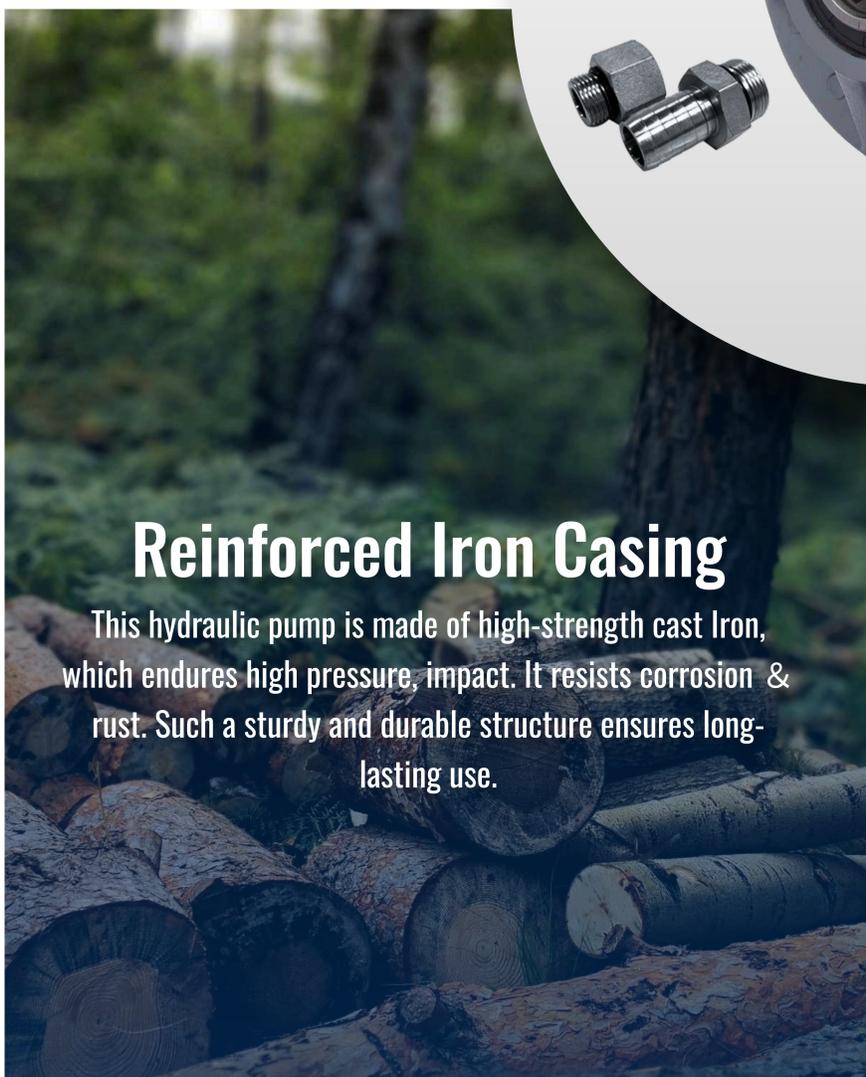
Powerful Hydraulic Pump

This hydraulic PTO pump is a perfect replacement pump for your tractors, log splitters, and other machines. It can boost the power conversion, greatly improving the work efficiency.



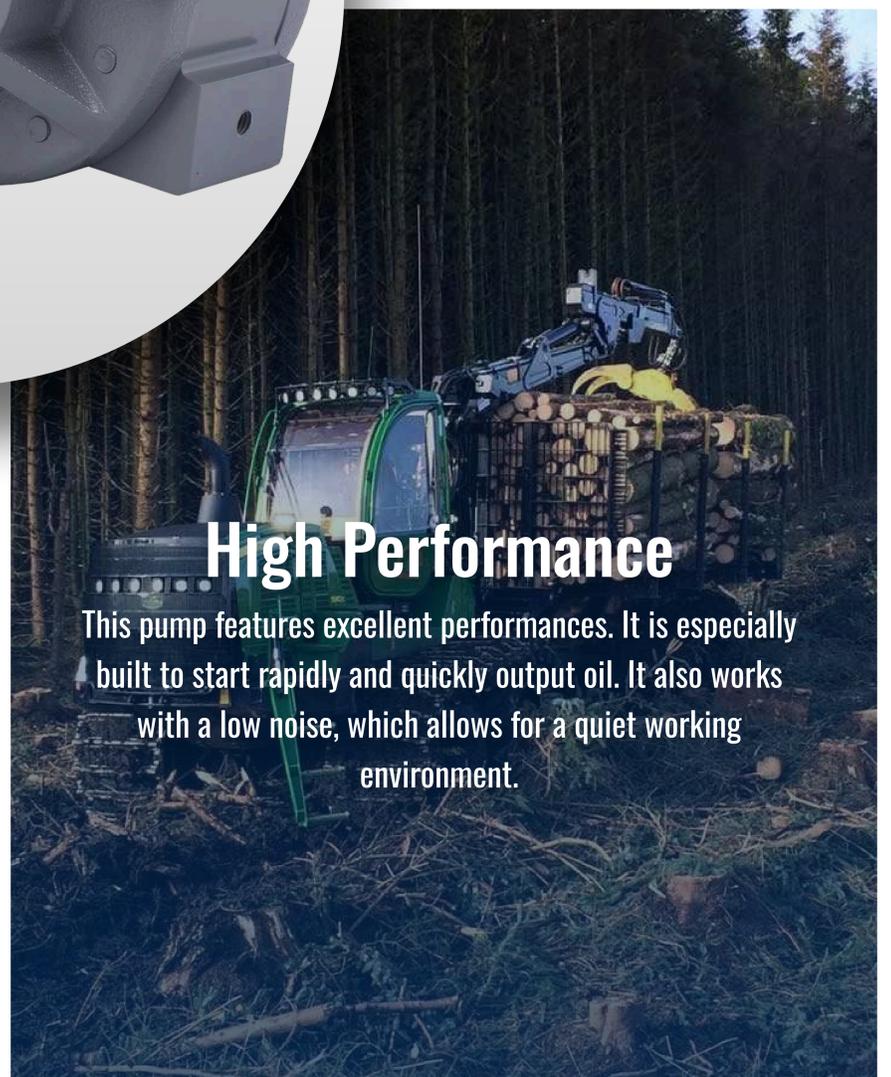
No Fluid Leaks

Our hydraulic wood splitter pump does not leak. It has a standard SAE12 outlet port and SAE16 inlet port to ensure perfect fit. Installation is very simple and takes little effort.



Reinforced Iron Casing

This hydraulic pump is made of high-strength cast Iron, which endures high pressure, impact. It resists corrosion & rust. Such a sturdy and durable structure ensures long-lasting use.



High Performance

This pump features excellent performances. It is especially built to start rapidly and quickly output oil. It also works with a low noise, which allows for a quiet working environment.

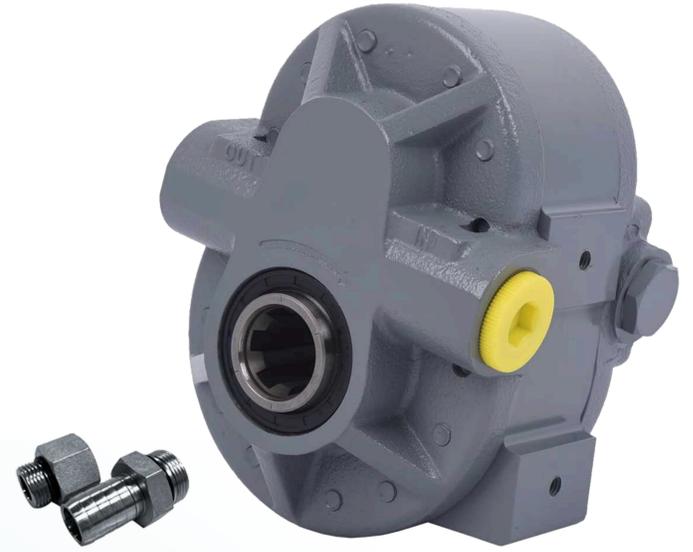


Hydraulic Tractor PTO Pump



www.seaturtlehydraulic.com

CJX-PT07.4GPM



Suitable for

- **Wide Application:** The hydraulic pump is excellent for tractors, log splitters, press, machine tools, and power units for snowplows. It has outstanding compatibility with many OEMs like Speeco, Huskee, Champion, and many more.

Components	Description
Max. Flow Rate	7.4GPM±10% (28LPM±10%)
Max. Pressure	2500PSI±10% (17MPa±10%)
Max. Speed	540RPM±10%
Volumetric Efficiency	93%
Matched Motor Power / Recommended Motor Power	15KW±10%
Inlet Port Size	SAE16
Outlet Port Size	SAE12
Noise Level	≤75dB
Main Material	6061-T5 aluminum alloy and HT200 cast iron
Net Weight	Net weight: 15.5kg ±3% (including all accessories)
Overall Dimensions / Product Dimensions	L*W*H=225*176*133 mm
Accessories / Attachments	1. Connectors *2; 2. Sealing ring *1;
Gear Pump Output Shaft	Shaft extension: 1.38" Shaft diameter: 1/2" Material: 40Cr
Gear	Number of teeth: z = 14 Module: m = 6.35 Material: 20Cr Hardness: 45 HRC

Note

*1" Inlet & 1/2" NPT Outlet: Our tractor pump is equipped with a standard SAE 12 outlet port and a SAE 16 on the inlet port. The standard size ensures a perfect fit with no fluid loss. Quality you can trust, for unmatched results you can see.

**Sturdy & Durable: The high-strength cast iron casing with power-coated finish enables the pump to resist impact, rust, and high pressure. This sturdy structure can prevent leaks and ensure a prolonged service life.

***Simple Installation: This pump stands out with a simple design, and it allows for a direct and quick installation. Install the pump effortlessly, making your PTO powered equipment more effective and robust.



Hydraulic Tractor PTO Pump



www.seaturtlehydraulic.com

CJX-PT011GPM



Suitable for

- **Wide Application:** The hydraulic pump is excellent for tractors, log splitters, press, machine tools, and power units for snowplows. It has outstanding compatibility with many OEMs like Speeco, Huskee, Champion, and many more.

Components	Description
Max. Flow Rate	11GPM±10% (28LPM±10%)
Max. Pressure	2500PSI±10% (17MPa±10%)
Max. Speed	540RPM±10%
Volumetric Efficiency	93%
Matched Motor Power / Recommended Motor Power	15KW±10%
Inlet Port Size	SAE16
Outlet Port Size	SAE12
Noise Level	≤75dB
Main Material	6061-T5 aluminum alloy and HT200 cast iron
Net Weight	Net weight: 16.5kg ±3% (including all accessories)
Overall Dimensions / Product Dimensions	L*W*H=225*176*133 mm
Accessories / Attachments	1. Connectors *2; 2. Sealing ring *1;
Gear Pump Output Shaft	Shaft extension: 1.38" Shaft diameter: 1/2" Material: 40Cr
Gear	Number of teeth: z = 14 Module: m = 6.35 Material: 20Cr Hardness: 45 HRC

Note

*1" Inlet & 1/2" NPT Outlet: Our tractor pump is equipped with a standard SAE 12 outlet port and a SAE 16 on the inlet port. The standard size ensures a perfect fit with no fluid loss. Quality you can trust, for unmatched results you can see.

**Sturdy & Durable: The high-strength cast iron casing with power-coated finish enables the pump to resist impact, rust, and high pressure. This sturdy structure can prevent leaks and ensure a prolonged service life.

***Simple Installation: This pump stands out with a simple design, and it allows for a direct and quick installation. Install the pump effortlessly, making your PTO powered equipment more effective and robust.



Hydraulic Tractor PTO Pump



www.seaturtlehydraulic.com

CJX-PT016.6GPM



Suitable for

- **Wide Application:** The hydraulic pump is excellent for tractors, log splitters, press, machine tools, and power units for snowplows. It has outstanding compatibility with many OEMs like Speeco, Huskee, Champion, and many more.

Components	Description
Max. Flow Rate	16.6GPM±10% (62LPM±10%)
Max. Pressure	2500PSI±10% (17MPa±10%)
Max. Speed	540RPM±10%
Volumetric Efficiency	93%
Matched Motor Power / Recommended Motor Power	22KW±10%
Inlet Port Size	SAE16
Outlet Port Size	SAE12
Noise Level	≤75dB
Main Material	6061-T5 aluminum alloy and HT200 cast iron
Net Weight	Net weight: 17.5kg ±3% (including all accessories)
Overall Dimensions / Product Dimensions	L*W*H=225*176*152 mm
Accessories / Attachments	1. Connectors *2; 2. Sealing ring *1;
Gear Pump Output Shaft	Shaft extension: 1.5" Shaft diameter: 1/2" Material: 40Cr
Gear	Number of teeth: z = 14 Module: m = 6.35 Material: 20Cr Hardness: 45 HRC

Note

*1" Inlet & 1/2" NPT Outlet: Our tractor pump is equipped with a standard SAE 12 outlet port and a SAE 16 on the inlet port. The standard size ensures a perfect fit with no fluid loss. Quality you can trust, for unmatched results you can see.

**Sturdy & Durable: The high-strength cast iron casing with power-coated finish enables the pump to resist impact, rust, and high pressure. This sturdy structure can prevent leaks and ensure a prolonged service life.

***Simple Installation: This pump stands out with a simple design, and it allows for a direct and quick installation. Install the pump effortlessly, making your PTO powered equipment more effective and robust.



Hydraulic Tractor PTO Pump



www.seaturtlehydraulic.com

CJX-PTO22.0GPM



Suitable for

- **Wide Application:** The hydraulic pump is excellent for tractors, log splitters, press, machine tools, and power units for snowplows. It has outstanding compatibility with many OEMs like Speeco, Huskee, Champion, and many more.

Components	Description
Max. Flow Rate	21.2GPM±10% (80LPM±10%)
Max. Pressure	2500PSI±10% (17MPa±10%)
Max. Speed	540RPM±10%
Volumetric Efficiency	93%
Matched Motor Power / Recommended Motor Power	30KW±10%
Inlet Port Size	SAE16
Outlet Port Size	SAE12
Noise Level	≤75dB
Main Material	6061-T5 aluminum alloy and HT200 cast iron
Net Weight	Net weight: 18.5kg ±3% (including all accessories)
Overall Dimensions / Product Dimensions	L*W*H=225*176*161 mm
Accessories / Attachments	1. Connectors *2; 2. Sealing ring *1;
Gear Pump Output Shaft	Shaft extension: 1.5" Shaft diameter: 1/2" Material: 40Cr
Gear	Number of teeth: z = 14 Module: m = 6.35 Material: 20Cr Hardness: 45 HRC

Note

*1" Inlet & 1/2" NPT Outlet: Our tractor pump is equipped with a standard SAE 12 outlet port and a SAE 16 on the inlet port. The standard size ensures a perfect fit with no fluid loss. Quality you can trust, for unmatched results you can see.

**Sturdy & Durable: The high-strength cast iron casing with power-coated finish enables the pump to resist impact, rust, and high pressure. This sturdy structure can prevent leaks and ensure a prolonged service life.

***Simple Installation: This pump stands out with a simple design, and it allows for a direct and quick installation. Install the pump effortlessly, making your PTO powered equipment more effective and robust.



Hydraulic Log Splitter Pump

www.seaturtlehydraulic.com



Suitable for

- **Not Limited to Wood Splitting:** Our 2-stage hydraulic pump is also perfect for powering log splitters, presses, machine tools, and snowplow hydraulic systems. Its outstanding compatibility extends to many OEM manufacturers, including Speeco, Huskee, Champion, and more. When you need reliable power for various applications, our hydraulic pump has got you covered.

Model	Flow Rate (GPM)	Pressure (PSI)	Shaft Diameter	Certification
CJX-PMJ11	11	3000	1.38"	1/2"
CJX-PMJ13	13	3000	1.38"	1/2"
CJX-PMJ16	16	4000	1.5"	1/2"
CJX-PMJ22	22	4000	1.5"	1/2"

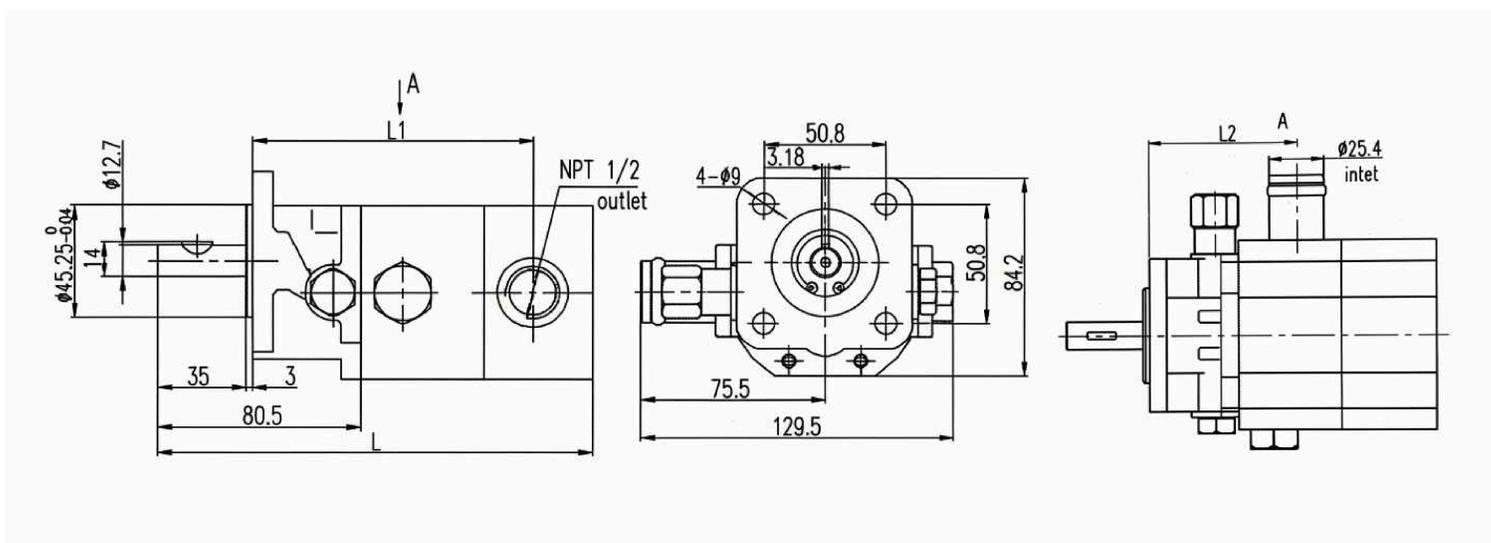
Note

* Safety / Certification Standards: CVSA, DOT, NACM, FMCSA

** Accessories: Supplied with wrench, Supplied with shaft sleeve

- **Rugged Aluminum Alloy Construction:** Our hydraulic log splitter pump is constructed from high-quality aluminum alloy material, ensuring exceptional durability and corrosion resistance. It's designed to withstand the toughest outdoor challenges, ensuring long-term reliability in any working environment.
- **Perfect Sealing, No Compromises:** Our 2 stage log splitter pump is designed with a standardized 1-inch inlet, 1/2-inch NPT outlet, 1.5-inch shaft length and 1/2-inch shaft diameter, ensuring compatibility with a wide range of systems while maximizing sealing effectiveness and stability.

Dimension



Log Splitting Pump Kit

13GPM Log Splitting Pump Kit includes



Components	Description	Remark
Log Splitter Pump	13GPM Pump	Standard Package
Accessories	Supplied with wrench *1 Supplied with shaft sleeve *1 Coupler*1 Mounting base*1 Bolts*4	Standard Package

16GPM Log Splitting Pump Kit includes



Components	Description	Remark
Log Splitter Pump	16GPM Pump	Standard Package
Accessories	Supplied with wrench *1 Supplied with shaft sleeve *1 Brake valve *1	Standard Package

22GPM Log Splitting Pump Kit includes



Components	Description	Remark
Log Splitter Pump	22GPM Pump	Standard Package
Accessories	Supplied with wrench *1 Supplied with shaft sleeve *1 Coupler*1 Mounting base*1 Bolts*4 Brake valve *1	Standard Package



www.seaturtlehydraulic.com



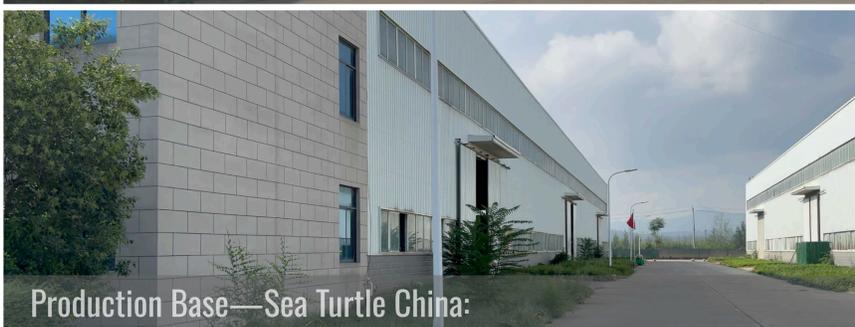
Production Base—Sea Turtle China:



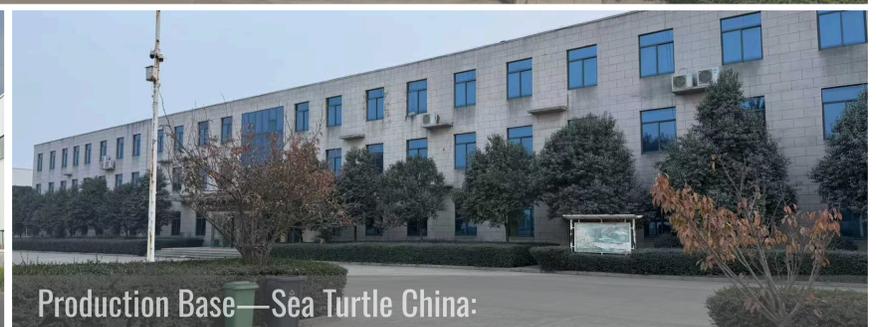
Production Base—Sea Turtle China:



Production Base—Sea Turtle China:



Production Base—Sea Turtle China:



Production Base—Sea Turtle China:

Production Base Introduction

Founded in 2008, Shenzhen CJX Technology Co., Ltd. operates three large-scale manufacturing facilities located in Shantou(Guangdong), Luoyang (Henan), and Hebei, with a total area of 25,000 square meters (8,000m², 12,000m², and 5,000m²).

The company employs over 300 staff, including a technical team of 10+ and a sales team of 20+. Adhering to the corporate values of "Expertise, Innovation, Integrity" and the spirit of "Ultimate Cost-Effectiveness, Excellence, Efficiency, and Pragmatism," the company specializes in the R&D, production, and sales of products across four key sectors:

Yacht / Boat Hydraulic Steering Systems: includes Hydraulic Steering Pumps, Hydraulic Steering System Kits, Hydraulic Steering Cylinders, Outboard Hydraulic Steering Pumps, Gear Pumps, PTO Pumps.

ISO9001:2015 Quality management system

SeaTurtle Hydraulic



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