

MARINE HYDRAULIC STEERING GEAR

320-1000kN·m Fork Type Electro-hydraulic Steering Gear

320-1000kN·m Fork Type Electro-hydraulic Steering Gear (four cylinders with twin piston and one tiller type) Gengeral description The reciprocating and fork type electro-hydraulic steering gear series co...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Marine Hydraulic Steering gear
Standard	DIN
Material	Cast steel
Weight / Size	Drawing and dimension Specification
Certificate	DNV,ABS,RINA,CCS,

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Marine Hydraulic Steering gear	Model / SKU	320-1000kN-m-Fork-Type-Electro-hydraulic-Steering-Gear
Standard	DIN	Material	Cast steel
Weight / Size	Drawing and dimension Specification	Certificate	DNV,ABS,RINA,CCS,
Warranty	12 Months unless specified otherwise	Origin	China

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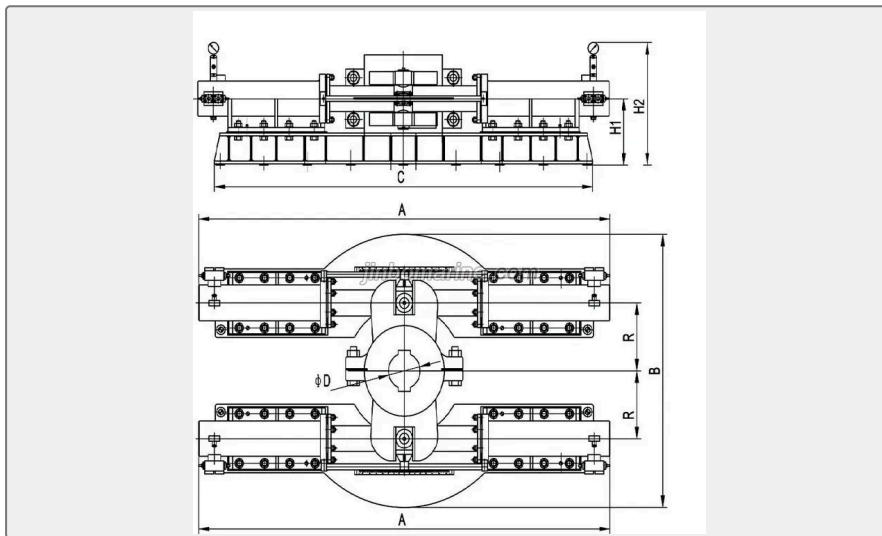
- 320-1000kN·m Fork Type Electro-hydraulic Steering Gear (four cylinders with twin piston and one tiller type)
- Drawing and dimension
- Gengeral description
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320-1000kN·m Fork Type Electro-hydraulic Steering Gear (four cylinders with twin piston and one tiller type)

General description

The reciprocating and fork type electro-hydraulic steering gear series consists of two sets of reciprocating and fork type rudder mechanism, two sets of motor kinetic tank for oil pump, one reserve tank. Control mode, including electronic control, pump control, can be used together with any form of autopilot or follow-up pilot. To meet customer's requirement, two sets of rudder mechanism, can be used together or separately. One of which fails to work, can be used separated to ensure normal work of steering control. It is widely used for ships with high safety performance such as large ship, oil tanker, liquefied-gas carrier, chemical tanker, more than 10000 ton tanker, chemical and liquefied gas ship and etc.

Drawing and dimension



Specification

公称扭矩 Torque (kN·m)	转舵时间 (+35° ~ -30°) Rudder turning time (s)	最大工 作压力 Max working pressure (MPa)	电机功率 Power of motor (kw)	重量 Weight (kg)	舵数 Number of rudder	舵柄半径 Tiller radius (mm)	适用舵杆直 径(单/双) Rudder stock diameter (mm)	外形尺寸 Overall dimension A×B×H2 (mm)	中心高 Centre- height H1 (mm)
400	≤20	13.7	22	8630	1	500	≤340	3610×2000×1040	960
450	≤20	15	30	8880	1	500	≤340	3610×2000×1040	960
500	≤28	15	22	8430	1	500	≤340	3610×2000×1040	960
500	≤20	15.9	37	10500	1	500	≤340	3610×2000×1040	960
500	≤28	16.4	30	8880	1	500	≤340	3610×2000×1040	960
530	≤20	16.7	37	10500	1	500	≤340	3610×2000×1040	960
530	≤28	17.2	30	8880	1	500	≤340	3610×2000×1040	960
550	≤20	17.2	37	10500	1	500	≤340	3610×2000×1040	960
550	≤28	17.7	30	8880	1	500	≤340	3610×2000×1040	960
600	≤20	18.5	37	10500	1	500	≤340	3610×2000×1040	960
600	≤28	19	30	8880	1	500	≤340	3610×2000×1040	960
630	≤28	15	37	12400	1	590	≤390	4120×2300×1050	960
650	≤28	15.3	37	12400	1	590	≤390	4120×2300×1050	960
680	≤28	16	37	12400	1	590	≤390	4120×2300×1050	960
700	≤28	16.3	37	12400	1	590	≤390	4120×2300×1050	960
720	≤28	16.7	37	12400	1	590	≤390	4120×2300×1050	960
750	≤28	17.5	37	12400	1	590	≤390	4120×2300×1050	960
780	≤28	17.9	37	12400	1	590	≤390	4120×2300×1050	960
800	≤28	18.3	37	12400	1	590	≤390	4120×2300×1050	960
820	≤28	14.7	45	13100	1	590	≤450	4050×2340×1079	984
850	≤28	15.2	45	13100	1	590	≤450	4050×2340×1079	984
880	≤28	15.4	45	13100	1	590	≤450	4050×2340×1079	984
900	≤28	15.9	45	13100	1	590	≤450	4050×2340×1079	984
950	≤28	16.7	45	13100	1	590	≤450	4050×2340×1079	984
1000	≤28	17.4	45	13100	1	590	≤450	4050×2340×1079	984
1100	≤28	18.2	55	15000	1	650	≤540	4300×2480×1150	990
1200	≤28	19.6	55	15000	1	650	≤550	4300×2480×1150	990
1250	≤28	20.3	55	15000	1	650	≤550	4300×2480×1150	990
1300	≤28	14.4	75	18500	1	650	≤650	4500×2600×1250	620
1400	≤28	18.5	75	18500	1	650	≤650	4500×2600×1250	620
1500	≤28	19.5	75	18500	1	650	≤650	4500×2600×1250	620
1600	≤28	20.7	75	18500	1	650	≤650	4500×2600×1250	620
1800	≤28	19.1	90	25000	1	700	≤680	4800×3000×1450	650
2000	≤28	20.9	90	25000	1	700	≤680	4800×3000×1450	650