

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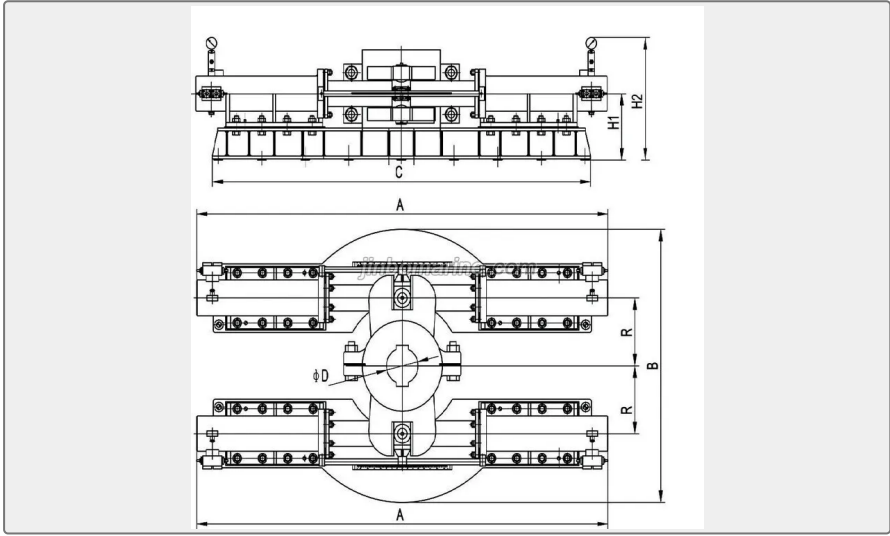
- 320-1000kN·m Fork Type Electro-hydraulic Steering Gear (four cylinders with twin piston and one tiller type)
 - Drawing and dimension
- Gengeral description
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320-1000kN·m Fork Type Electro-hydraulic Steering Gear (four cylinders with twin piston and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

Gengeral 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 cunstomer'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, liquefi ed-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 A×B×H2 (mm)	中心高 Centre- height H1 (mm)
400	≤20	13.7	30	880	1	500	≤340	3610×2000×1040	560
450	≤28	13.7	22	840	1	500	≤340	3610×2000×1040	560
500	≤28	15	30	880	1	500	≤340	3610×2000×1040	560
550	≤20	15.9	37	1050	1	500	≤340	3610×2000×1040	560
600	≤28	16.4	30	880	1	500	≤340	3610×2000×1040	560
650	≤20	16.7	37	1050	1	500	≤340	3610×2000×1040	560
700	≤28	17.2	30	880	1	500	≤340	3610×2000×1040	560
750	≤20	17.7	30	880	1	500	≤340	3610×2000×1040	560
800	≤20	18.5	37	1050	1	500	≤340	3610×2000×1040	560
850	≤28	19	30	880	1	500	≤340	3610×2000×1040	560
900	≤28	15	37	1240	1	590	≤390	4120×2300×1050	560
950	≤28	15.3	37	1240	1	590	≤390	4120×2300×1050	560
1000	≤28	16	37	1240	1	590	≤390	4120×2300×1050	560
1100	≤28	16.3	37	1240	1	590	≤390	4120×2300×1050	560
1200	≤28	16.7	37	1240	1	590	≤390	4120×2300×1050	560
1300	≤28	17.5	37	1240	1	590	≤390	4120×2300×1050	560
1400	≤28	17.9	37	1240	1	590	≤390	4120×2300×1050	560
1500	≤28	18.3	37	1240	1	590	≤390	4120×2300×1050	560
1600	≤28	14.7	45	1310	1	590	≤450	4050×2340×1079	584
1700	≤28	15.2	45	1310	1	590	≤450	4050×2340×1079	584
1800	≤28	15.6	45	1310	1	590	≤450	4050×2340×1079	584
1900	≤28	15.9	45	1310	1	590	≤450	4050×2340×1079	584
2000	≤28	16.7	45	1310	1	590	≤450	4050×2340×1079	584
2100	≤28	17.4	45	1310	1	590	≤450	4050×2340×1079	584
2200	≤28	18.2	55	1500	1	650	≤540	4300×2460×1150	590
2300	≤28	19.6	55	1500	1	650	≤550	4300×2460×1150	590
2400	≤28	20.3	55	1500	1	650	≤550	4300×2460×1150	590
2500	≤28	14.4	75	1950	1	650	≤650	4500×2600×1250	620
2600	≤28	15.5	75	1950	1	650	≤650	4500×2600×1250	620
2700	≤28	16.5	75	1950	1	650	≤650	4500×2600×1250	620
2800	≤28	17.4	75	1950	1	650	≤650	4500×2600×1250	620
2900	≤28	19.1	90	2500	1	700	≤680	4800×3000×1450	650
3000	≤28	20.9	90	2500	1	700	≤680	4800×3000×1450	650