MARINE HYDRAULIC STEERING GEAR

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

ISO9001 Supplier

Class Certificate

Export Supply

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...



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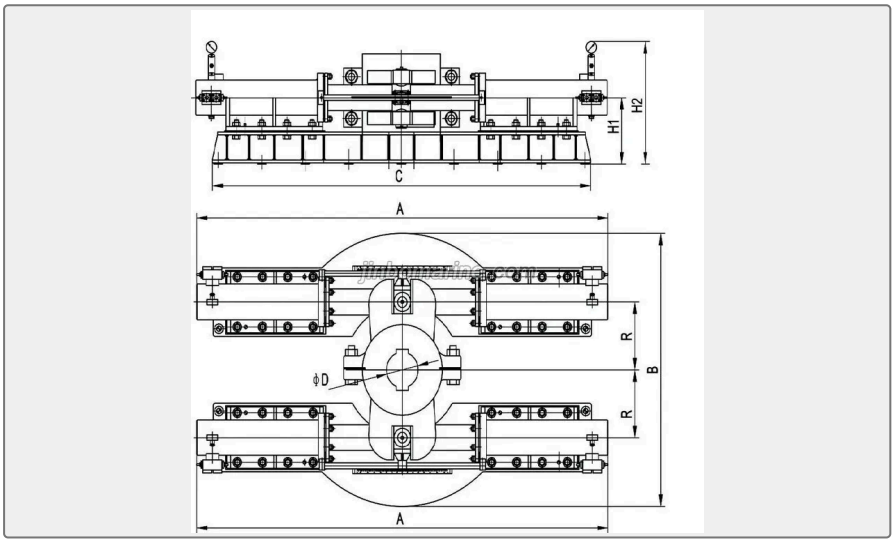
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- Gengeral description
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320-1000kN·m Fork Type Electro-hydraulic Steering Gear (four cylinders with twin piston and one tiller type)

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 Overall dimenstion A×B×H2 (mm)	中心高 Centre-height H1 (mm)
400	≤ 20	13.7	30	9860	1	500	≤ 340	3610×2000×1040	560
	≤ 28	13.7	22	9430	1	500			
450	≤ 20	15	30	9860	1	500	≤ 340	3610×2000×1040	560
	≤ 28	15	22	9430	1	500			
500	≤ 20	15.9	37	10500	1	500	≤ 340	3610×2000×1040	560
	≤ 28	16.4	30	9860	1	500			
530	≤ 20	16.7	37	10500	1	500	≤ 340	3610×2000×1040	560
	≤ 28	17.2	30	9860	1	500			
550	≤ 20	17.2	37	10500	1	500	≤ 340	3610×2000×1040	560
	≤ 28	17.7	30	9860	1	500			
600	≤ 20	18.5	37	10500	1	500	≤ 340	3610×2000×1040	560
	≤ 28	19	30	9860	1	500			
630	≤ 28	15	37	12400	1	590	≤ 390	4120×2300×1050	560
650	≤ 28	15.3	37	12400	1	590	≤ 390	4120×2300×1050	560
680	≤ 28	16	37	12400	1	590	≤ 390	4120×2300×1050	560
700	≤ 28	16.3	37	12400	1	590	≤ 390	4120×2300×1050	560
720	≤ 28	16.7	37	12400	1	590	≤ 390	4120×2300×1050	560
760	≤ 28	17.5	37	12400	1	590	≤ 390	4120×2300×1050	560
780	≤ 28	17.9	37	12400	1	590	≤ 390	4120×2300×1050	560
800	≤ 28	18.3	37	12400	1	590	≤ 390	4120×2300×1050	560
820	≤ 28	14.7	45	13100	1	590	≤ 450	4050×2340×1079	584
850	≤ 28	15.2	45	13100	1	590	≤ 450	4050×2340×1079	584
880	≤ 28	15.6	45	13100	1	590	≤ 450	4050×2340×1079	584
900	≤ 28	15.9	45	13100	1	590	≤ 450	4050×2340×1079	584
950	≤ 28	16.7	45	13100	1	590	≤ 450	4050×2340×1079	584
1000	≤ 28	17.4	45	13100	1	590	≤ 450	4050×2340×1079	584
1100	≤ 28	18.2	55	15000	1	650	≤ 540	4300×2460×1150	590
1200	≤ 28	19.6	55	15000	1	650	≤ 550	4300×2460×1150	590
1250	≤ 28	20.3	55	15000	1	650	≤ 550	4300×2460×1150	590
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	19500	1	650	≤ 650	4500×2600×1250	620
1600	≤ 28	20.7	75	19500	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