

MARINE HYDRAULIC STEERING GEAR

10-500 KN.m Fork type Electro-hydraulic steering gear

10-500 KN.m Fork type Electro-hydraulic steering gear(Twin cylinders with one piston type)
General description The ram type electro-hydraulic steering gear series consists of one set of ram type driving mec...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Marine Hydraulic Steering gear
Standard	EN
Material	Cast steel
Weight / Size	Drawing and dimension
Certificate	CCS , Rina , ABS, BV

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

Technical Specifications

Category	Marine Hydraulic Steering gear	Model / SKU	Fork-type-steering-gear
Standard	EN	Material	Cast steel
Weight / Size	Drawing and dimension	Certificate	CCS , Rina , ABS, BV
Warranty	12 Months unless specified otherwise	Origin	China

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10-500 KN.m Fork type Electro-hydraulic steering gear(Twin cylinders with one piston type)

General description

The ram type electro-hydraulic steering gear series consists of one set of ram type driving mechanism, two sets of motor

kinetic tank for oil pump, one oil box, which has simple structure to install and is widely used in navigation zone of inland

rapid flowing river, normal navigation zone, and for sea ship.

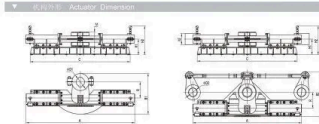
When use for navigation zone of inland rapid flowing river, the steering gear, specification below 16kn·m, is added a set

of manual emergency pump for emergency steering control; specification above 16kn·m, is added an extra set of DC motor

pump unit for emergency, to comply with CCS rules.

Control mode of this steering gear series includes direct control of steering mechanism, electronic control, pump control and etc. Electronic and pump control can be used together with any form of autopilot and follow-up pilot.

Drawing and dimension



叉式电液舵压差机构图例

额定转矩 Torque (KN.m)	额定转速 额定功率 额定油压 额定流量 额定排量 额定容积 额定重量 额定高度 额定长度	额定功率 额定油压 额定流量 额定排量 额定容积 额定重量 额定高度 额定长度	额定功率 额定油压 额定流量 额定排量 额定容积 额定重量 额定高度 额定长度	额定功率 额定油压 额定流量 额定排量 额定容积 额定重量 额定高度 额定长度	额定功率 额定油压 额定流量 额定排量 额定容积 额定重量 额定高度 额定长度		
10	4.12	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
12	4.28	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
14	4.44	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
16	4.60	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
18	4.76	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
20	4.92	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
22	5.08	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
24	5.24	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
26	5.40	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
28	5.56	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
30	5.72	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
32	5.88	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
34	6.04	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
36	6.20	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
38	6.36	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
40	6.52	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
42	6.68	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
44	6.84	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
46	7.00	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
48	7.16	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
50	7.32	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300

以上技术参数和尺寸不是固定不变的, 可根据用户要求特殊设计。
The above technical parameters and dimensions are not fixed, they can be designed specially with customer requirement.

叉式电液舵压差机构图例

额定转矩 Torque (KN.m)	额定转速 额定功率 额定油压 额定流量 额定排量 额定容积 额定重量 额定高度 额定长度	额定功率 额定油压 额定流量 额定排量 额定容积 额定重量 额定高度 额定长度	额定功率 额定油压 额定流量 额定排量 额定容积 额定重量 额定高度 额定长度	额定功率 额定油压 额定流量 额定排量 额定容积 额定重量 额定高度 额定长度	额定功率 额定油压 额定流量 额定排量 额定容积 额定重量 额定高度 额定长度		
60	4.12	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
62	4.28	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
64	4.44	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
66	4.60	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
68	4.76	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
70	4.92	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
72	5.08	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
74	5.24	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
76	5.40	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
78	5.56	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
80	5.72	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
82	5.88	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
84	6.04	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
86	6.20	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
88	6.36	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
90	6.52	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
92	6.68	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
94	6.84	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
96	7.00	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
98	7.16	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300
100	7.32	1.5	180000	1.2	180	1400-1500-1600 (0.0)	300

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