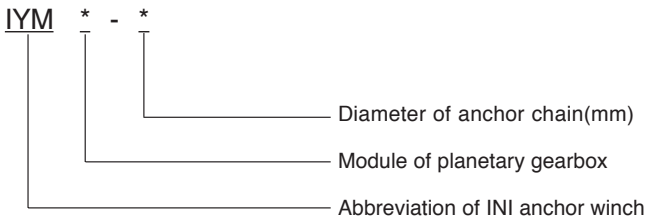
IYM series hydraulic anchor winch

1. Brief Introduction

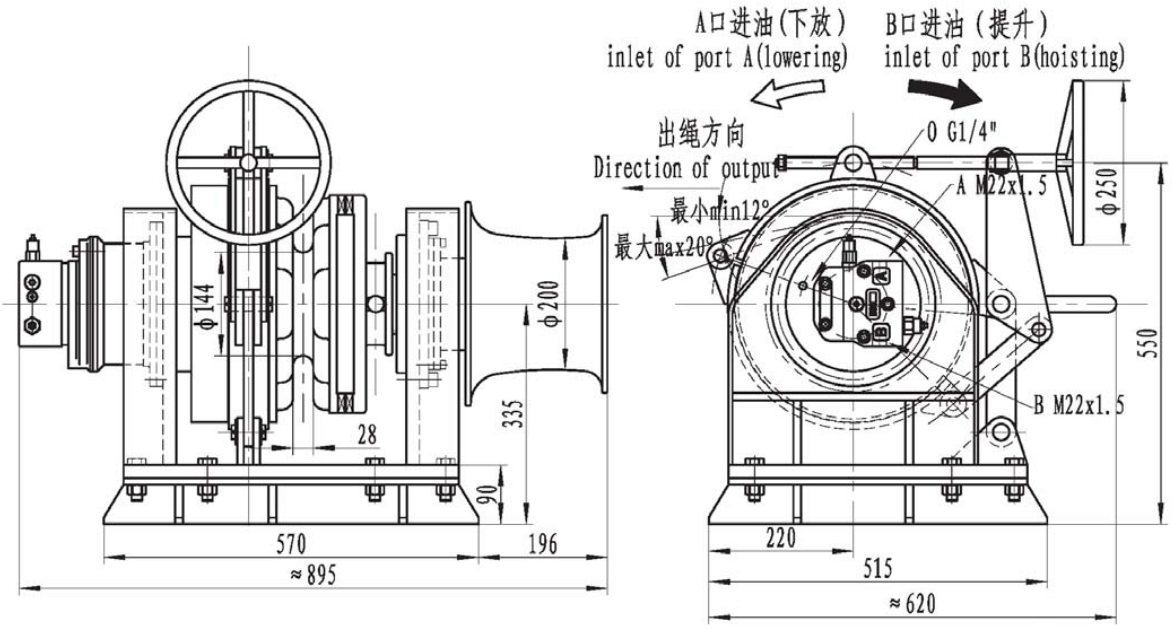
IYM series hydraulic anchor winches consist of valve block with braking and overload protection function,hydraulic motor, planetary gearbox, hydraulic/manual band brake,hydraulic/manual jaw clutch,frame and etc.
The wonch is fitted with valve bolck. It not only simplifies the hydraulic system,but also improves the reliability of transmission drive,makes the winches running smoothly during hoisting and lowering. In addition,the winches feature high start-up efficiency and working efficiency,low noise and energy consumption,and compact design and good economic value. They have been widely used on various vessels.

2. Model Options



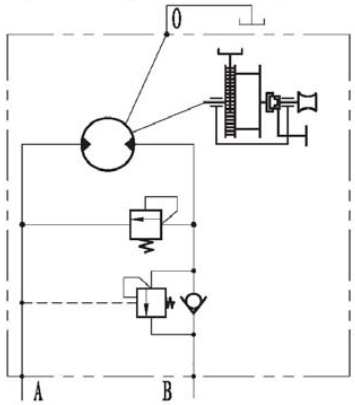
3. Example

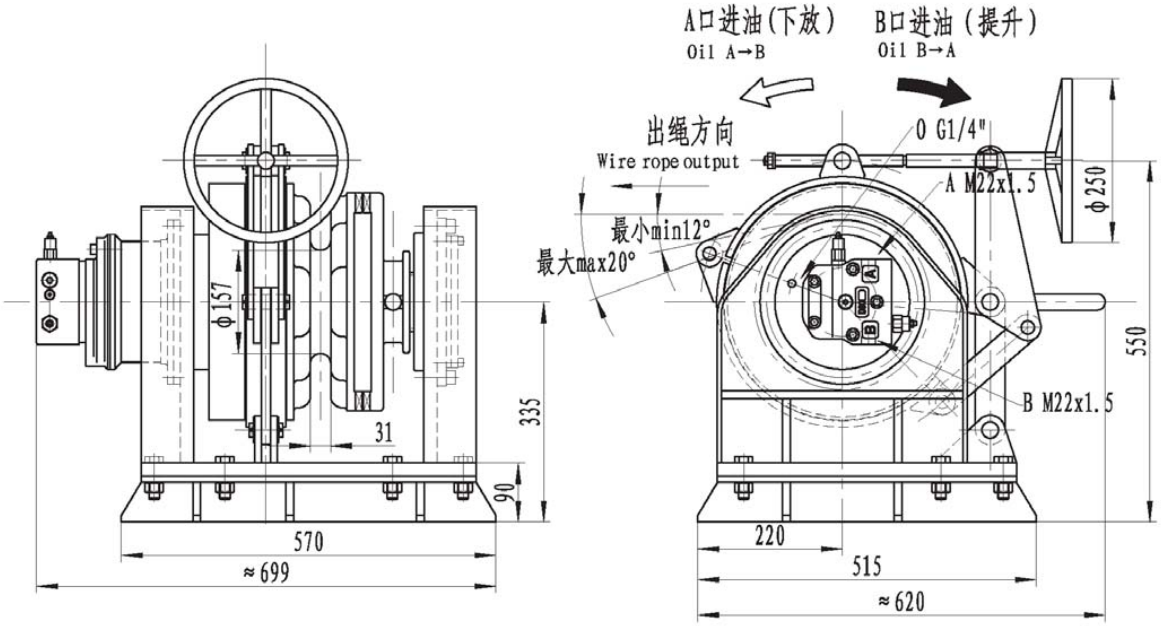
Model no IYM4-∅32 means the module of the planetary gearbox is 4, and diameter of anchor chain is 32mm.



型号 model	工作负载 working load (KN)	过载拉力 overload pull (KN)	支持负载 holding load (KN)	起锚速度 nominal speed of windlass (m/min)	抛锚深度 anchorage (m)	总排量 Total displacement (mL/r)	工作压力 Rated Pressure (mL/r)	供油流量 Supply oil flow (L/min)	锚链直径 chain diameter (mm)
IYM2.5-ϕ16	10.9	16.4	⩾67	⩾9	⩽82.5	830.5	16	20	16

液压原理图
Hydraulic principle diagram





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IYM2.5-φ17.5	13	19.5	≥80	≥9	≤82.5	1050.5	15	14	17.5

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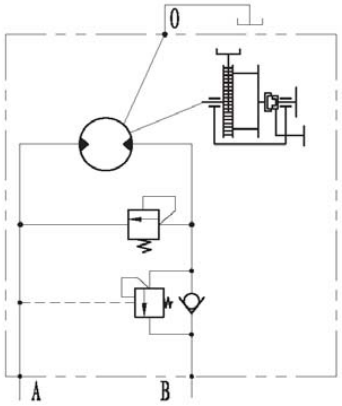
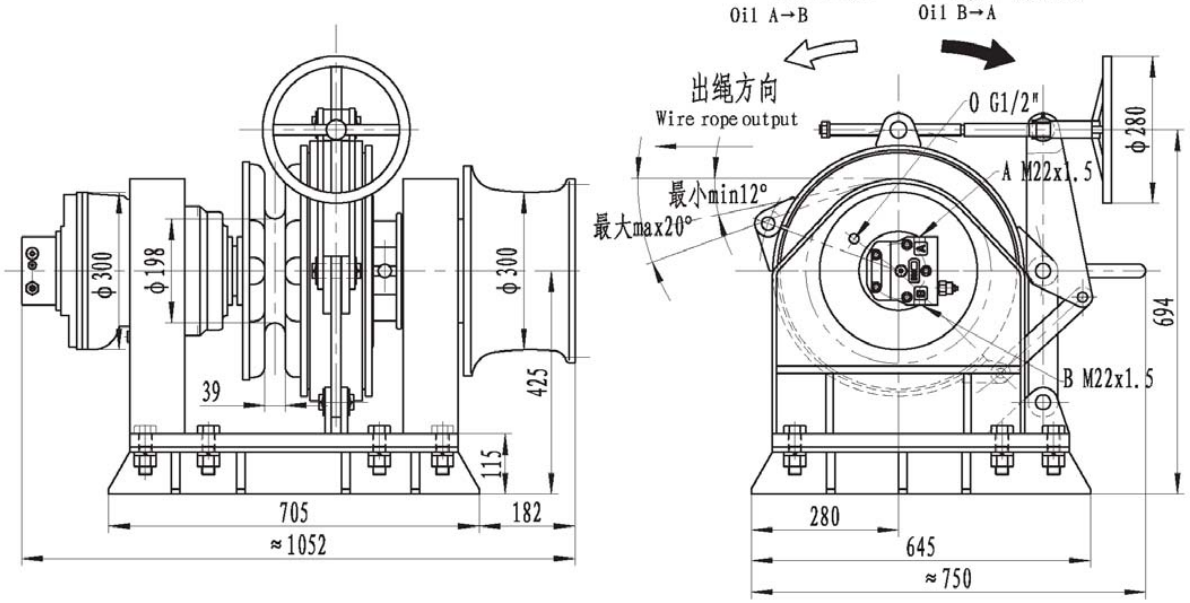
Hydraulic principle diagram





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IYM3-φ22	20.6	30.9	≥126	≥9	≤82.5	3107.5	15	31	22

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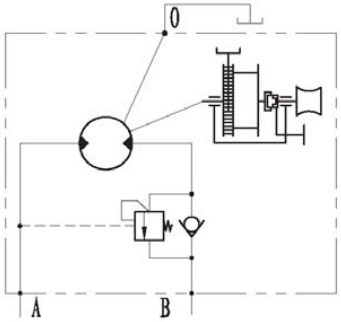
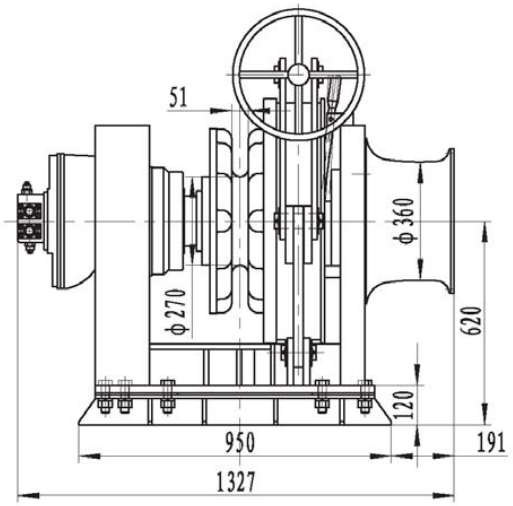
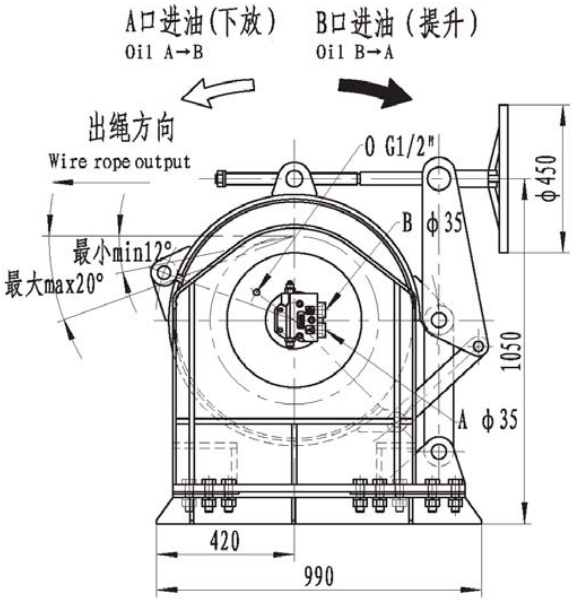
Hydraulic principle diagram







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IYM4-φ30	38.3	57.5	≥231	≥9	≤82.5	6580	14	46	30

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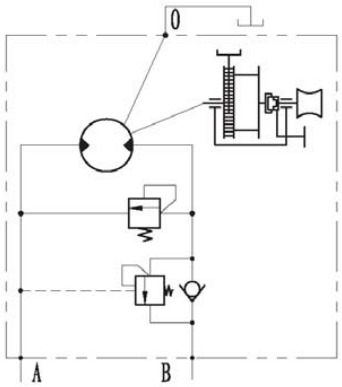

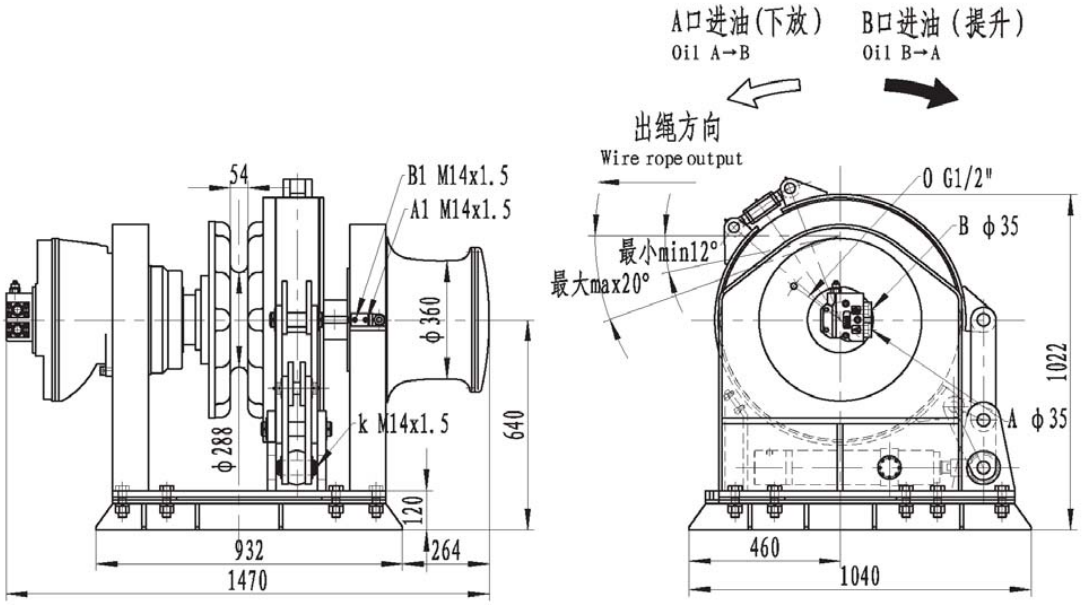

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IYM4-φ32	43.5	65.3	≥261	≥9	≤82.5	8170	12.5	53	32

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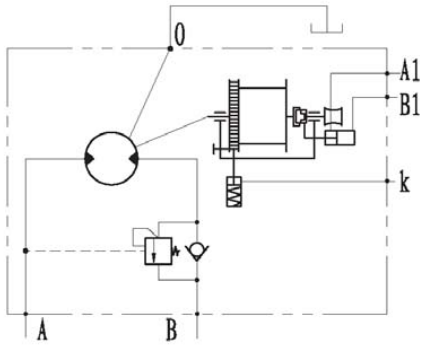

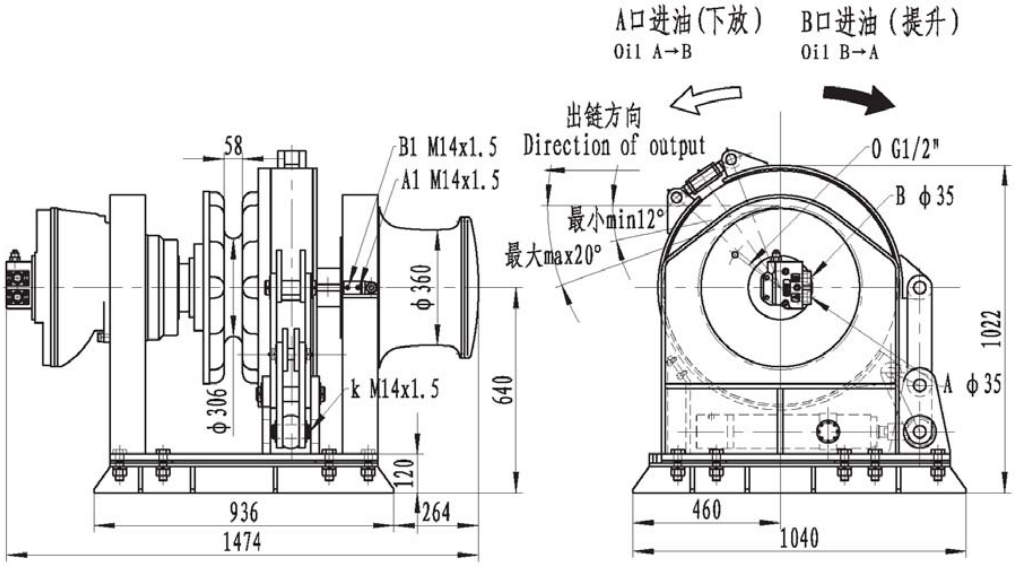

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IYM4-φ34	49.1	73.7	≥294	≥9	≤82.5	8987	12.5	55	34

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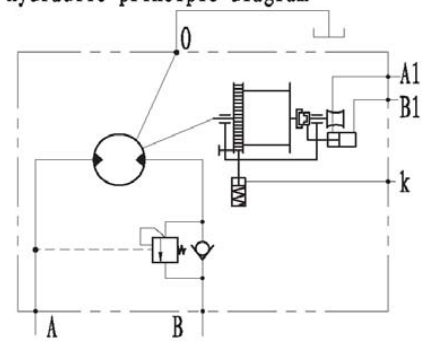

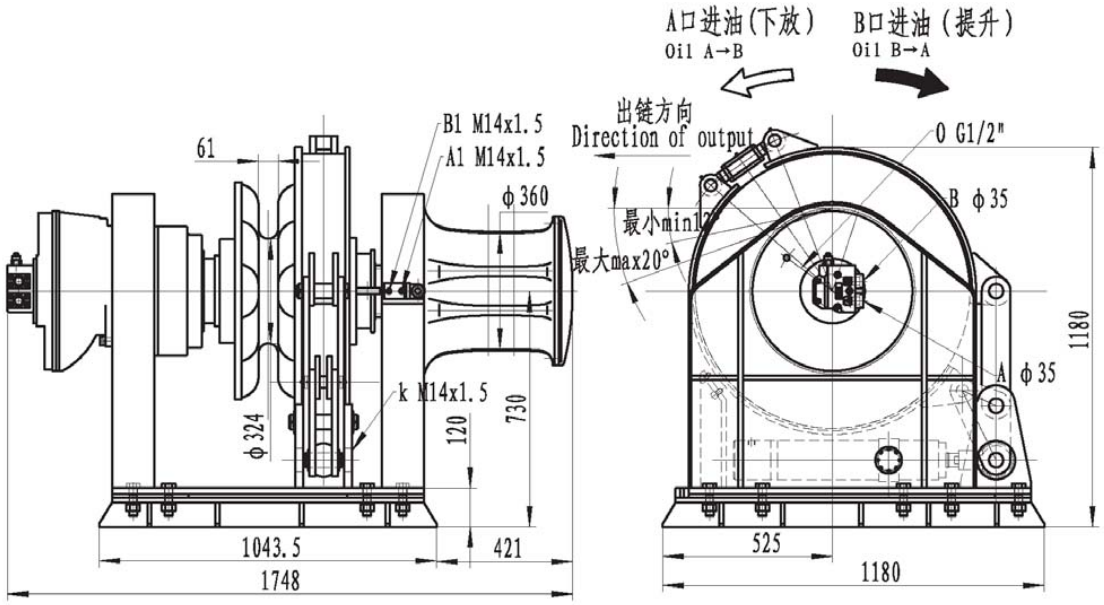

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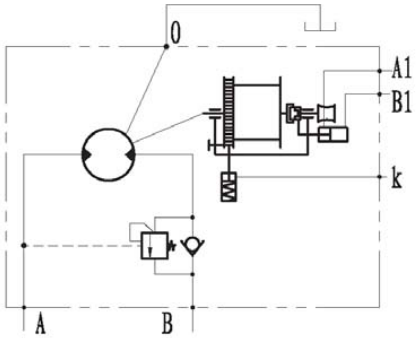
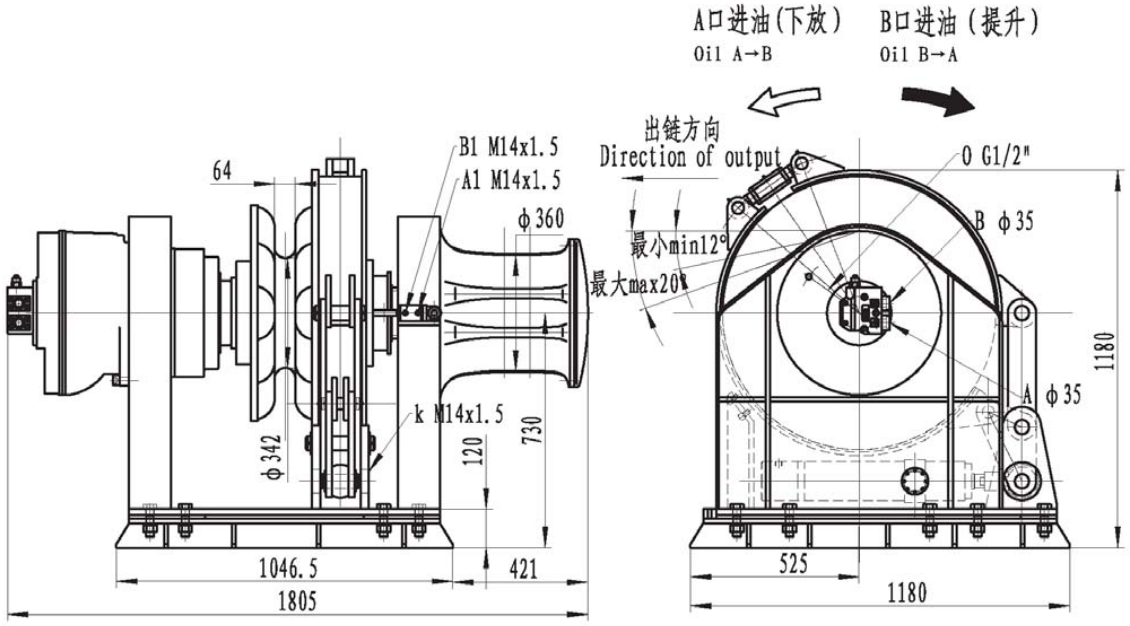
IYM5-φ36	55.1	82.7	≥329	≥9	≤82.5	10035	14	60	36

液压原理图
Hydraulic principle diagram





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IYM5-φ38	61.1	92.1	≥365	≥9	≤82.5	12560	14	70	38

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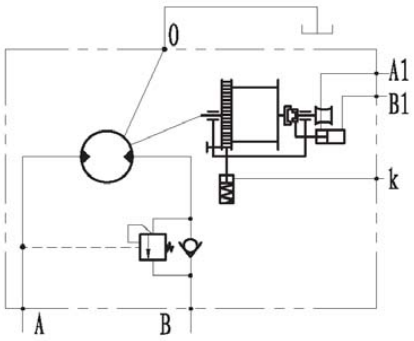

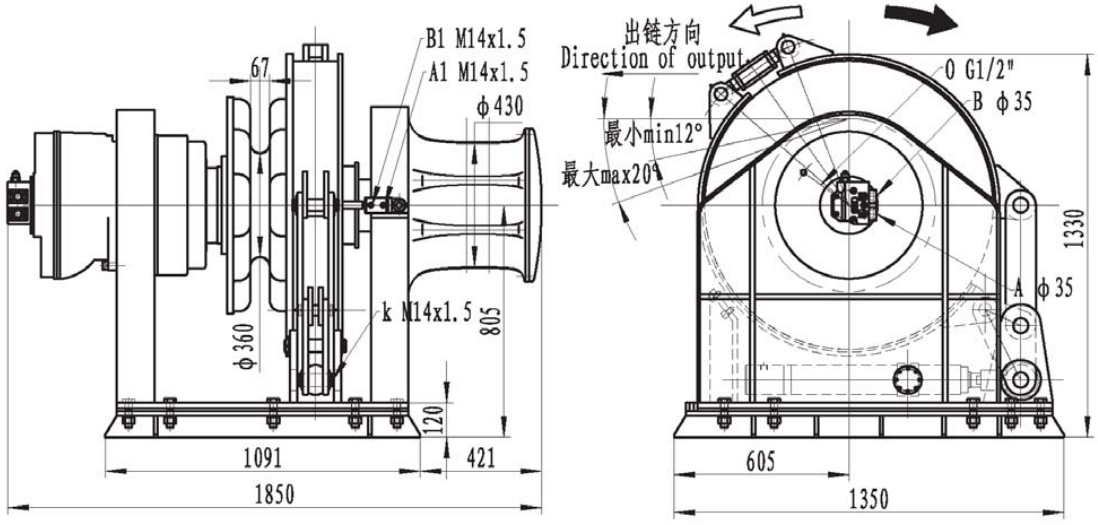

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IYM6-φ40	68	102	≥402	≥9	≤82.5	13821.5	14	72	40

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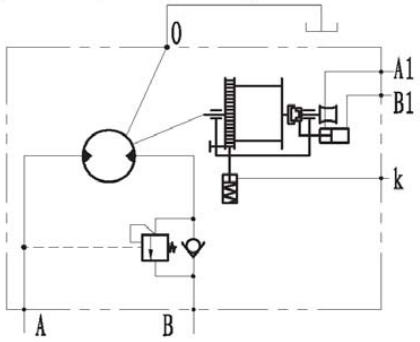

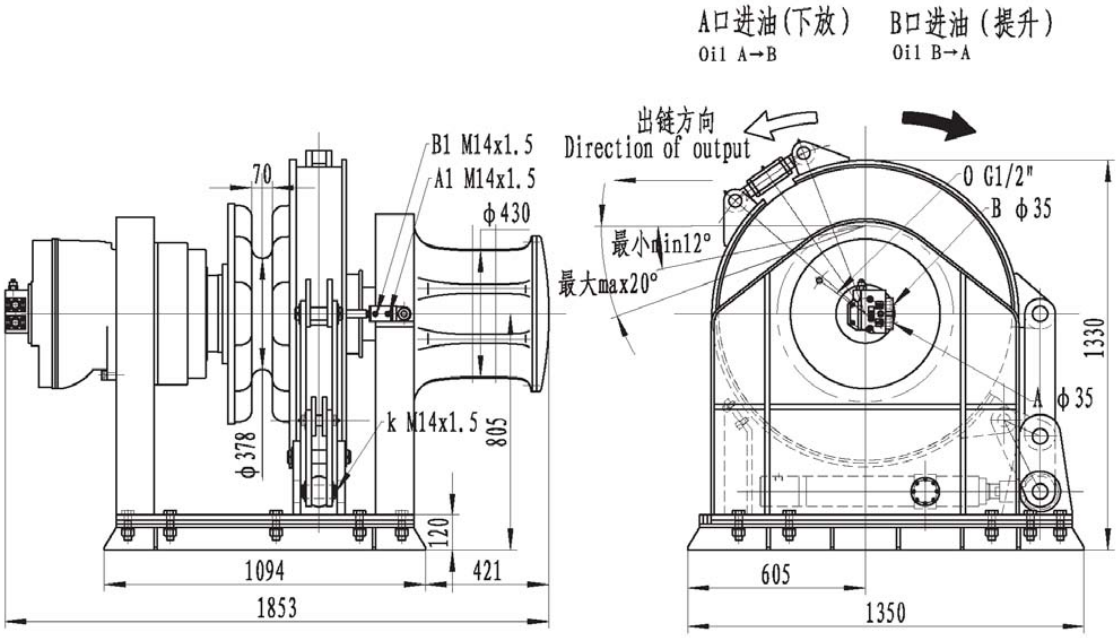

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IYM6-φ42	75	112.5	≥442	≥9	≤82.5	16725.5	14	83	42

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