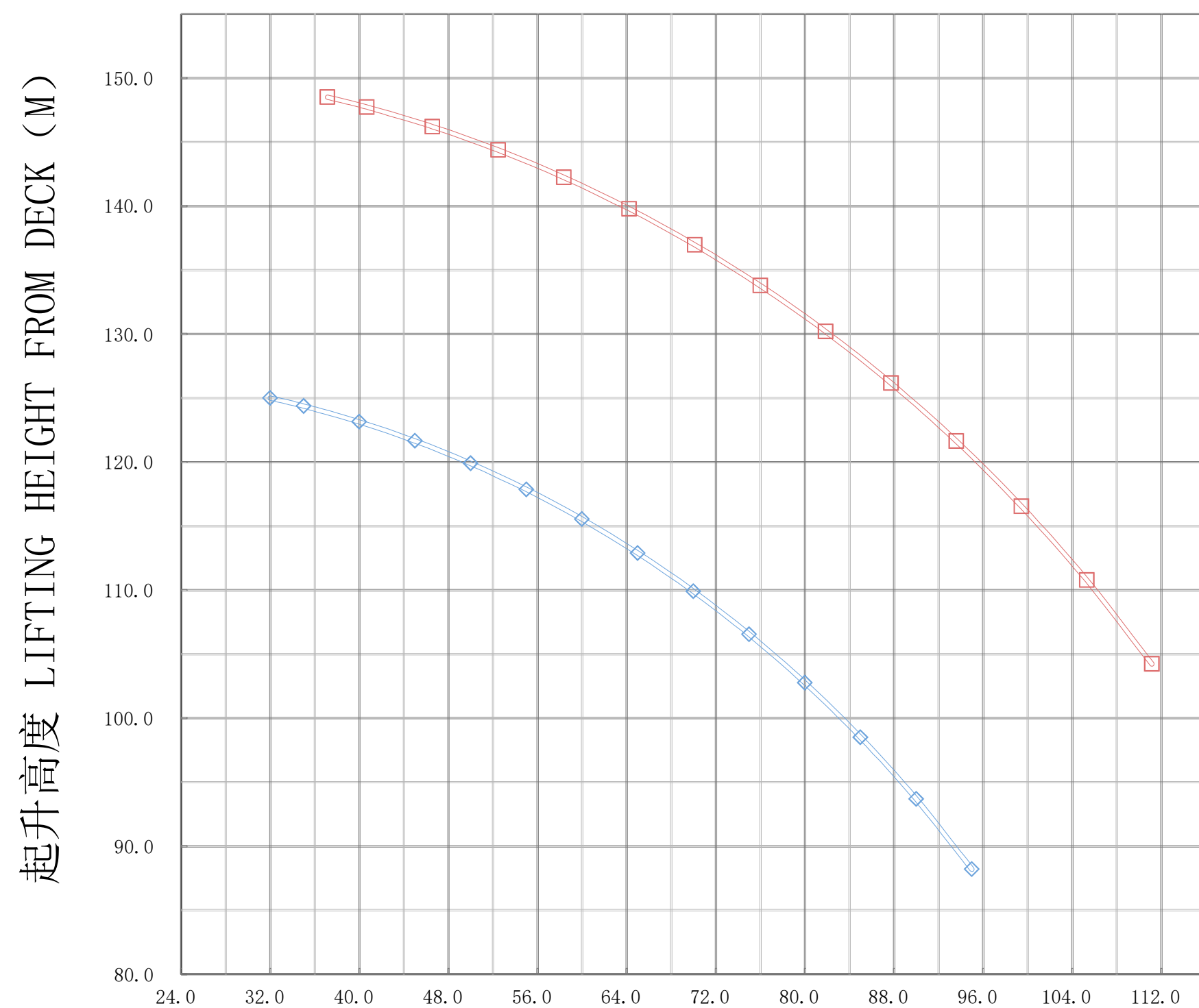


华夏金租5000T吊载高度

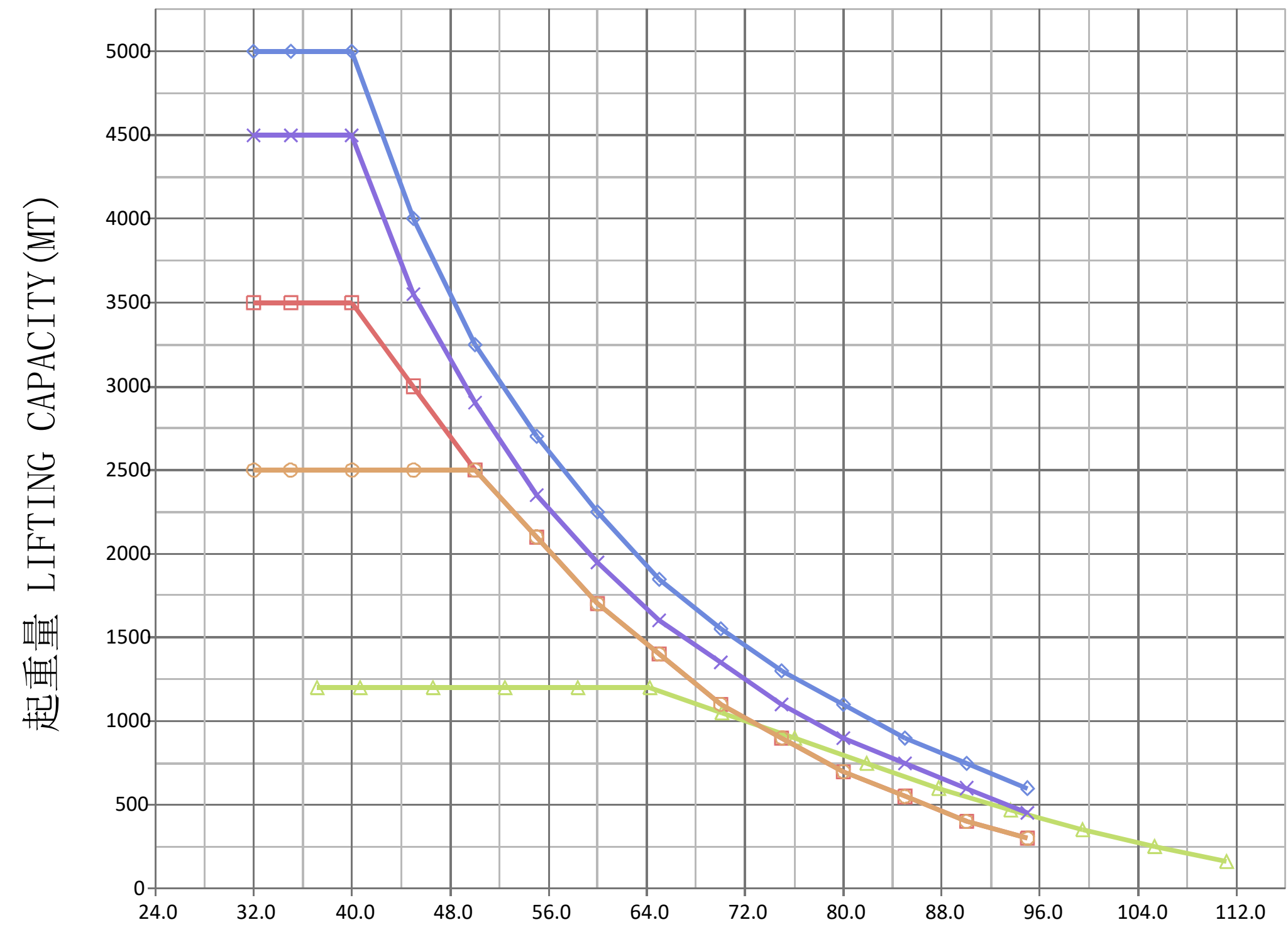


工作幅度 LIFTING RADIUS FROM CRANE CENTER(meter)

副钩甲板上起升高度 主钩甲板上起升高度

华夏金租5000T吊载曲线

起升动载系数:1.1 作业系数:1.05 设计温度: -10°C 环境温度: -20°C~45°C



作业半径 LIFTING RADIUS FROM CENTER LINE OF CRANE(meter)

主钩系固尾吊-双钩 (1.5°/1.2°) M.H. Lifting Capacity (T) Tie-back
Over stern-Dual hook
主钩回转-双钩 / 主钩1#-单钩 (3°/2°) M.H. Lifting Capacity (T) -Dual hook / 1# M.H. Lifting Capacity(T)-Single Hook
副钩吊载 (3°/2°) A.H. Lifting Capacity (T)
主钩尾吊-双钩 (1.5°/1.2°) M.H. Lifting Capacity (T) Over stern-Dual hook

臂架角度	主钩幅度	主钩甲板上起升高度	主钩系固尾吊-双钩 (1.5°/1.2°)	主钩尾吊-双钩 (1.5°/1.2°)	主钩回转-双钩 / 主钩1#-单钩 (3°/2°)	2#主钩回转-单钩 (3°/2°)	角度	副钩幅度	副钩甲板上起升高度	副钩吊载 (3°/2°)	锁具钩, 稳钩稳货 (3°/2°)
Boom Angle (°)	Radius of M.H. (m)	M.H. Lifting height above deck(m)	M.H. Lifting Capacity (T) Tie-back Over stern-Dual hook	M.H. Lifting Capacity (T) Over stern-Dual hook	M.H. Lifting Capacity (T) -Dual hook / 1# M.H. Lifting Capacity(T)-Single Hook	2# M.H. Lifting Capacity (T) -Single hook	Boom Angle (°)	Radius of M.H. (m)	A.H. Lifting height above deck(m)	A.H. Lifting Capacity (T)	Capacity (T)
81.2	32.0	125.0	5000	4500	3500	2500	81.2	37.1	148.5	1200	
79.6	35.0	124.4	5000	4500	3500	2500	79.6	40.7	147.7	1200	
77.0	40.0	123.1	5000	4500	3500	2500	77.0	46.6	146.2	1200	
74.3	45.0	121.6	4000	3550	3000	2500	74.3	52.5	144.4	1200	
71.5	50.0	119.9	3250	2900	2500	2500	71.5	58.4	142.2	1200	
68.7	55.0	117.9	2700	2350	2100	2100	68.7	64.2	139.8	1200	
65.8	60.0	115.5	2250	1950	1700	1700	65.8	70.1	137.0	1050	锁具钩 Whip hoist 20Tx2:
62.9	65.0	112.9	1850	1600	1400	1400	62.9	76.0	133.8	900	载人 Man riding 1.5t,
59.9	70.0	109.9	1550	1350	1100	1100	59.9	81.9	130.2	750	稳货钩 Rigging hoist 40Tx2.
56.7	75.0	106.5	1300	1100	900	900	56.7	87.7	126.2	600	
53.5	80.0	102.8	1100	900	700	700	53.5	93.6	121.6	470	
50.1	85.0	98.5	900	750	550	550	50.1	99.5	116.5	350	
46.5	90.0	93.7	750	600	400	400	46.5	105.3	110.8	250	
42.6	95.0	88.2	600	450	300	300	42.6	111.2	104.2	160	
0.0	121.3	-	-	-	-	-	0.0	141.4	-	-	

参数定义 Definitions:

M1: 主钩1# 吊载荷载 M2: 主钩2# 吊载荷载 Ltot: 总吊载荷载
M1: 1# M.H. load M2: 2# M.H. load Ltot: Total load
M1+M2=Ltot

固定尾吊工况, 双主钩工作 钩下载荷控制为:

Over-stern Condition, Dual hook load capacity:

当Ltot ≤ 主钩1#-单钩 吊载曲线时, 需要同时满足以下条件:
Below rules must be fullfilled when
Ltot ≤ 1# M.H. Lifting capacity-single hook load chart:

M1满足主钩-单钩曲线。
M1 must be limited by 1# Main hook load chart.
M2满足主钩-单钩曲线。
M2 must be limited by 2# Main hook load chart.
Ltot满足主钩双钩-尾吊曲线。
Ltot must be limited by Dual hook load chart.

当Ltot > 主钩1#-单钩 吊载曲线时, 需要满足以下条件:
Below rules must be fullfilled when
Ltot > 1# M.H. Lifting capacity-single hook load chart:

$L_{tot}/2 \times (1-0.1) \leq M1 \leq L_{tot}/2 \times (1+0.1)$
M1满足主钩-单钩曲线。
M1 must be limited by 1# Main hook load chart.
 $L_{tot}/2 \times (1-0.1) \leq M2 \leq L_{tot}/2 \times (1+0.1)$
M2满足主钩-单钩曲线。

M2 must be limited by 2# Main hook load chart.
Ltot满足主钩双钩-尾吊曲线。
Ltot must be limited by Dual hook load chart.

系固尾吊工况, 双主钩工作 钩下载荷控制为:

Tie-back Condition, Dual hook load capacity:

当Ltot ≤ 主钩1#-单钩 吊载曲线时, 需要同时满足以下条件:
Below rules must be fullfilled when
Ltot ≤ 1# M.H. Lifting capacity-single hook load chart:

M1满足主钩-单钩曲线。
M1 must be limited by 1# Main hook load chart.
M2满足主钩-单钩曲线。
M2 must be limited by 2# Main hook load chart.
Ltot满足主钩双钩-尾吊曲线。
Ltot must be limited by Dual hook load chart.

当Ltot > 主钩1#-单钩 吊载曲线时, 需要满足以下条件:
Below rules must be fullfilled when
Ltot > 1# M.H. Lifting capacity-single hook load chart:

$L_{tot}/2 \times (1-0.05) \leq M1 \leq L_{tot}/2 \times (1+0.05)$
M1满足主钩-单钩曲线。
M1 must be limited by 1# Main hook load chart.
 $L_{tot}/2 \times (1-0.05) \leq M2 \leq L_{tot}/2 \times (1+0.05)$
M2满足主钩-单钩曲线。
M2 must be limited by 2# Main hook load chart.

Ltot满足主钩双钩-尾吊曲线。
Ltot must be limited by Dual hook load chart.

项目编号/PROJECT: 华夏金租5000吨浮式起重机	工号/JOB NO.	船号/HULL NO.	
设计阶段/DSGN STG:	船级社/CLASS. CCS	比例/SCALE 1:400	
图名/DRAWING NAME 华夏金租5000吨浮式起重机	图号/DRAWING NO. F118A00	图幅/FORMAT	
材料/MAT	重量/WEI	套数/SET	版本/REV.
ZPMC 上海振华重工集团		设计/DSGN	审核/EXAM
	校核/CHKD	审批/APPD	日期/PAGE 4/5