

300 ton Revolving type Self Propeller Floating Crane



Built: 2007, China

Flag: China

Class: ZC

GRT: 1,318

NRT: 395

Demension: 49.80(48.20) / 21.70 / 4.30m

Draft: 2.092m (Light draft), Loading Draft: 2.50m

Type of Crane: Revolving Crane (Self propelled)

Windlass: 4 windlass

M/E: Guangzhou diesel 6300ZC, 294kw x 400rpm x 1set,

Cummins NTA855-M, 150kw x 1800rpm x 2 sets

Crane length of Boom : 60.0m

Main hook lift load & Work radius: 300ton x 1

Aux. hook Load & Work radius: 120ton x 1

Crane Equipment: Japan Brand.

Table

| | Angle(°) | 75° | 70° | 65° | 60° | 55° | 50° | 45° | 40° | 35° | 30° |
|-----------------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Aux. Hook (60m) | Working Radius (M) | 15.1 | 20.5 | 25.3 | 30 | 34.2 | 38.5 | 42.4 | 45.9 | 49 | 51.9 |
| | Height (M) (above water level) | 60 | 56 | 54.3 | 52.4 | 51 | 45.9 | 42.4 | 38.5 | 34.4 | 31.2 |
| | Lifting Load(ton) | 120 | 106 | 93 | 80 | 72 | 66 | 61 | 56 | 51 | 50 |
| Main Hook (45m) | Working Radius (M) | 11.0 | 14.6 | 16.2 | 19.0 | 22.5 | 25.8 | 28.9 | 31.8 | 35.3 | 39.0 |
| | Height (M) (above water level) | 43.0 | 42.0 | 41.2 | 40.7 | 38.9 | 36.0 | 34.3 | 31.8 | 25.8 | 22.5 |
| | Lifting Load | 300.0 | 275.0 | 257.5 | 232.5 | 220.0 | 202.5 | 199.5 | 192.5 | 185.0 | 170.0 |

| 臂长60米(臂受压力260T) | 角度 | 75° | 70° | 65° | 60° | 55° | 50° | 45° | 40° | 35° | 30° |
|-----------------|---------|------|------|------|------|------|------|------|------|------|------|
| | 作业半径(M) | 15.1 | 20.5 | 25.3 | 30.0 | 34.4 | 38.5 | 42.4 | 45.9 | 49 | 51.9 |
| | 垂直高度(M) | 60 | 56 | 54.3 | 52.4 | 51 | 45.9 | 42.4 | 38.5 | 34.4 | 31.2 |
| | 起重(T) | 120 | 106 | 93 | 80 | 72 | 66 | 61 | 56 | 51 | 50 |

| 长45米 | 角度 | 75° | 70° | 65° | 60° | 55° | 50° | 45° | 40° | 35° | 30° |
|------|---------|------|------|-------|-------|------|-------|-------|-------|------|------|
| | 作业半径(M) | 11.0 | 14.6 | 16.2 | 19.0 | 22.5 | 25.8 | 28.9 | 31.8 | 35.3 | 39 |
| | 垂直高度(M) | 43 | 42 | 41.2 | 40.7 | 38.9 | 36 | 34.4 | 31.8 | 25.8 | 22.5 |
| | 起重(T) | 300 | 275 | 257.5 | 232.5 | 220 | 202.5 | 199.5 | 192.5 | 185 | 170 |

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| 制图 | | 吊机负荷计算书 | |
| 校核 | | | |