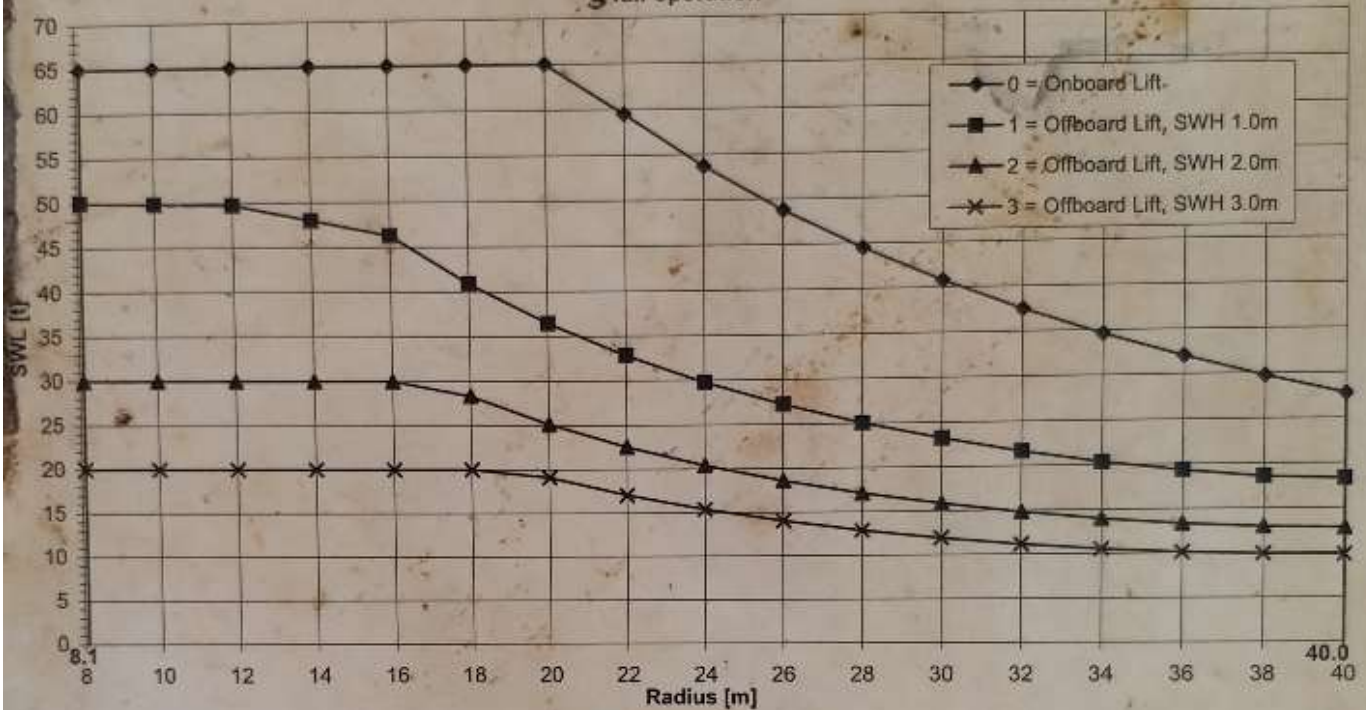


LIEBHERR

BOS 2600 - 65 D LITRONIC

Main Hoist 3-fall operation



Main Hoist: 3-fall Operation

Angle [°]	Radius [m]	SWL [t]										Personnel Lift
		0	1	2	3	4	5	6	7	8		
		Onboard Lift	SWH 1.0m	SWH 2.0m	SWH 3.0m	SWH 0.0m	SWH 0.0m	SWH 0.0m	SWH 0.0m	SWH 0.0m		
82.8	8.1	65.0	50.0	30.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	n.A.
79.9	10.0	65.0	49.9	30.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	n.A.
76.9	12.0	65.0	49.7	30.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	n.A.
73.9	14.0	65.0	48.0	30.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	n.A.
70.8	16.0	65.0	46.3	30.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	n.A.
67.6	18.0	65.0	40.9	28.3	20.0	0.0	0.0	0.0	0.0	0.0	0.0	n.A.
64.3	20.0	65.0	36.5	25.1	19.1	0.0	0.0	0.0	0.0	0.0	0.0	n.A.
61.0	22.0	59.4	32.8	22.5	17.1	0.0	0.0	0.0	0.0	0.0	0.0	n.A.
57.5	24.0	53.7	29.8	20.4	15.4	0.0	0.0	0.0	0.0	0.0	0.0	n.A.
53.9	26.0	48.7	27.2	18.6	14.0	0.0	0.0	0.0	0.0	0.0	0.0	n.A.
50.1	28.0	44.5	25.0	17.1	12.9	0.0	0.0	0.0	0.0	0.0	0.0	n.A.
46.1	30.0	40.7	23.2	15.8	11.9	0.0	0.0	0.0	0.0	0.0	0.0	n.A.
41.7	32.0	37.5	21.6	14.8	11.2	0.0	0.0	0.0	0.0	0.0	0.0	n.A.
37.0	36.0	34.6	20.3	14.0	10.6	0.0	0.0	0.0	0.0	0.0	0.0	n.A.
31.6	36.0	32.0	19.3	13.3	10.1	0.0	0.0	0.0	0.0	0.0	0.0	n.A.
25.1	38.0	29.7	18.5	12.9	9.9	0.0	0.0	0.0	0.0	0.0	0.0	n.A.
16.2	40.0	27.7	18.3	12.8	9.8	0.0	0.0	0.0	0.0	0.0	0.0	n.A.

Operational conditions:

max. static inclination: 3.0°
max. constant wind speed: 20 m/s

Minimum recommended Hook Speed:

SWH 1.0m: 0.25 m/s = 15 m/min
SWH 2.0m: 0.35 m/s = 21 m/min
SWH 3.0m: 0.41 m/s = 25 m/min

Operational conditions for Personnel Lift:

visibility: daylight only
max. constant wind speed: 10 m/s

Calculation Method:

General Method based on LR

Operational Limitation for SWH 3.0 m:

Hoisting speed 3-Fall: 23 m/min < 25 m/min