PALFINGER

PK 110002-SH F

LIFTING CAPACITY DIAGRAM

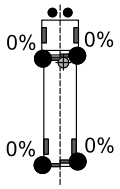
Stabilizer situation:
Fully supported

100533467 / S512-SKD
Scania|R 560

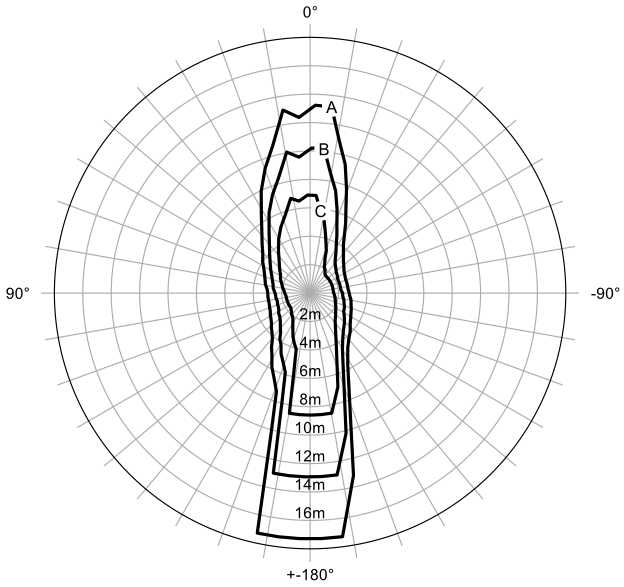
HPSC

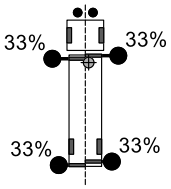
○ .....Stabilizer not active
● .....Stabilizer active
%.....Outrigger stroke

Max. occuring stabilizer force Fmax 371kN (dynamic)

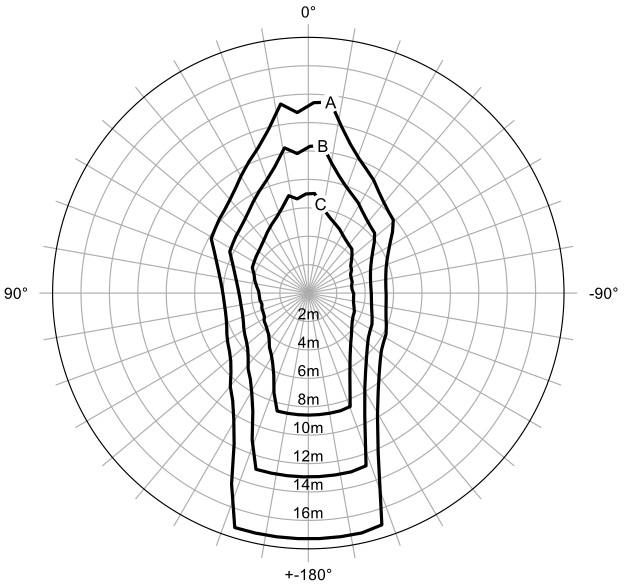


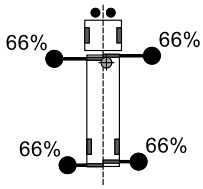
A: 4.450kg
B: 6.100kg
C: 9.700kg



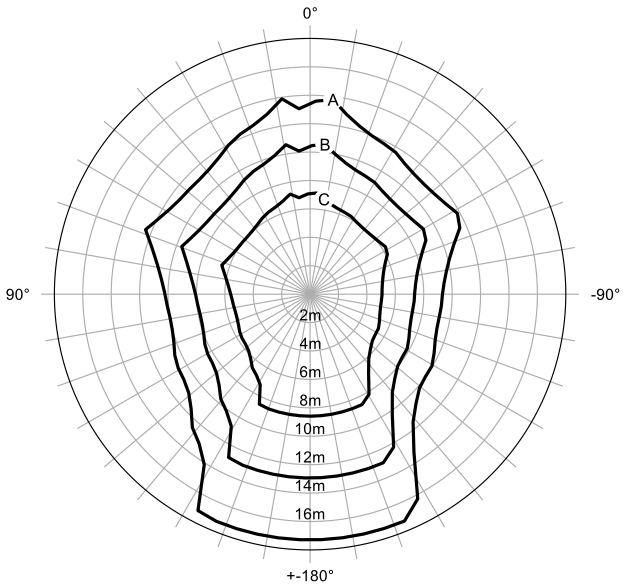


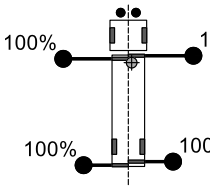
A: 4.450kg
B: 6.100kg
C: 9.700kg



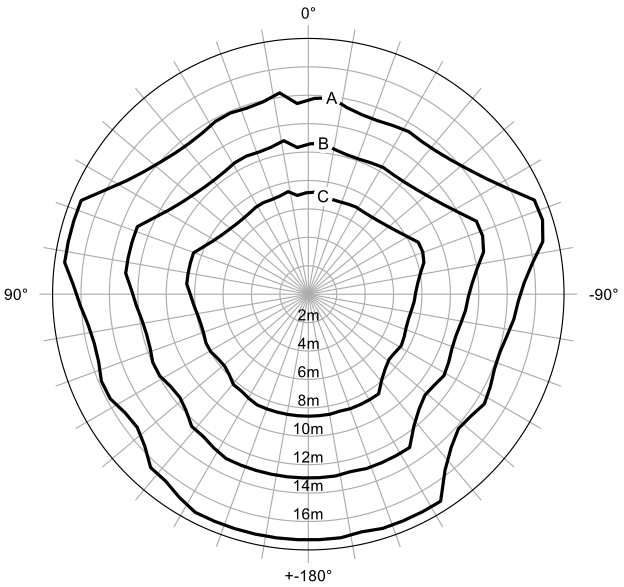


A: 4.450kg
B: 6.100kg
C: 9.700kg





A: 4.450kg
B: 6.100kg
C: 9.700kg



Load values are according to PALTRONIC parameters provided by the installer

Palchart_AdjustmentDate: 11.6.2021

Version:
PCH 2.2.1.14876

Palchart_InstallerID: SEGEHAB18604E019/644496413667

PALFINGER

PK 110002-SH F PJ 170 E

LIFTING CAPACITY DIAGRAM

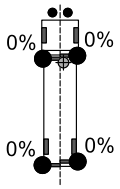
Stabilizer situation:
Fully supported

100533467 / S512-SKD
Scania|R 560

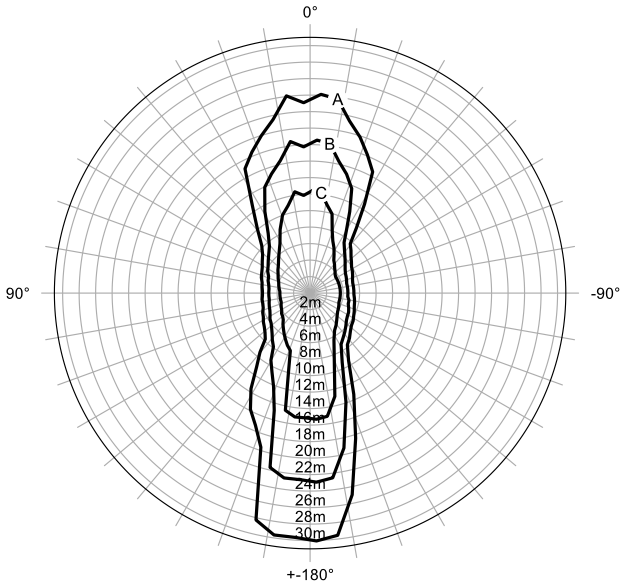
HPSC

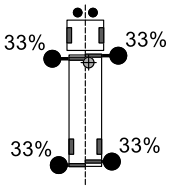
○ .....Stabilizer not active
● .....Stabilizer active
%.....Outrigger stroke

Max. occuring stabilizer force Fmax 371kN (dynamic)

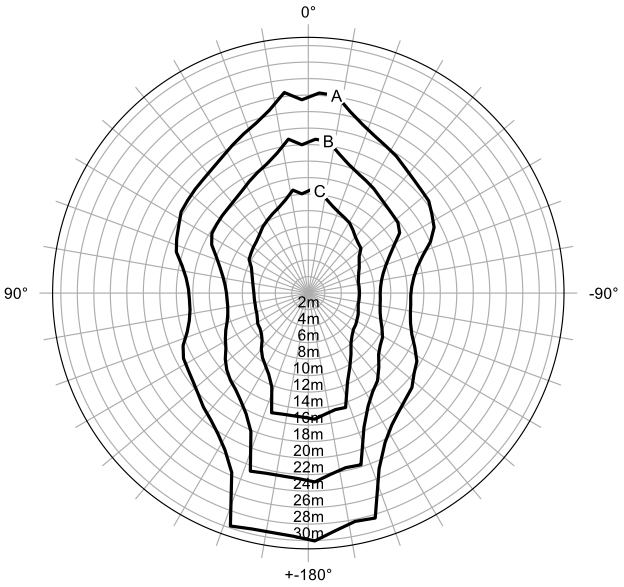


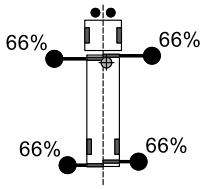
A: 1.180kg
B: 1.880kg
C: 3.600kg



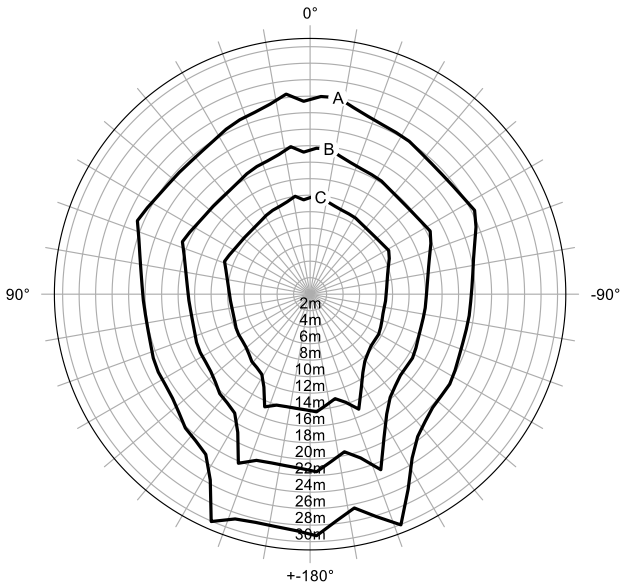


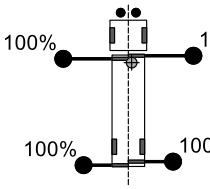
A: 1.180kg
B: 1.880kg
C: 3.650kg



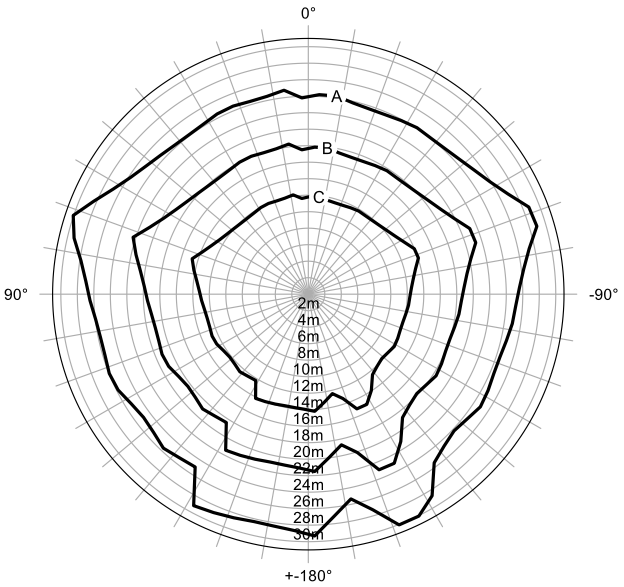


A: 1.280kg
B: 2.100kg
C: 4.050kg





A: 1.280kg
B: 2.100kg
C: 4.100kg



Load values are according to PALTRONIC parameters provided by the installer

Palchart_AdjustmentDate: 11.6.2021

Version: PCH 2.2.1.14876

Palchart_InstallerID: SEGEHAB18604E019/644496413667

PALFINGER

PK 110002-SH F

LIFTING CAPACITY DIAGRAM

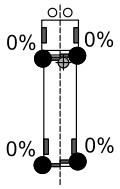
Stabilizer situation:
Partly supported

100533467 / S512-SKD
Scania|R 560

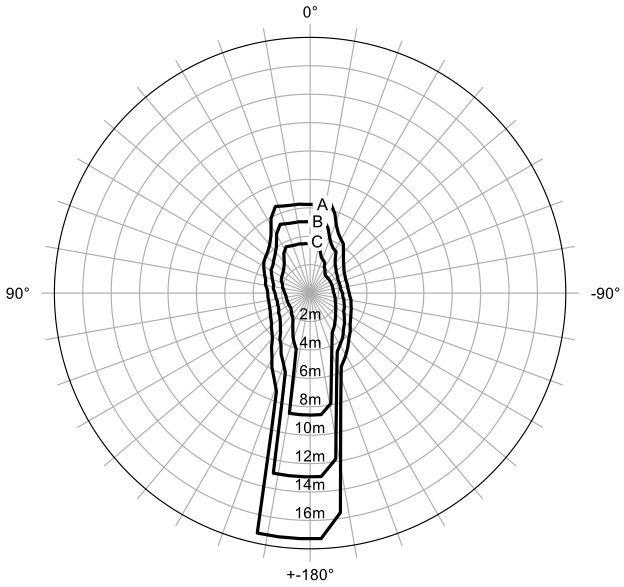
HPSC

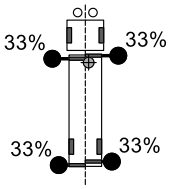
○ .....Stabilizer not active
● .....Stabilizer active
%.....Outrigger stroke

Max. occuring stabilizer force Fmax 371kN (dynamic)

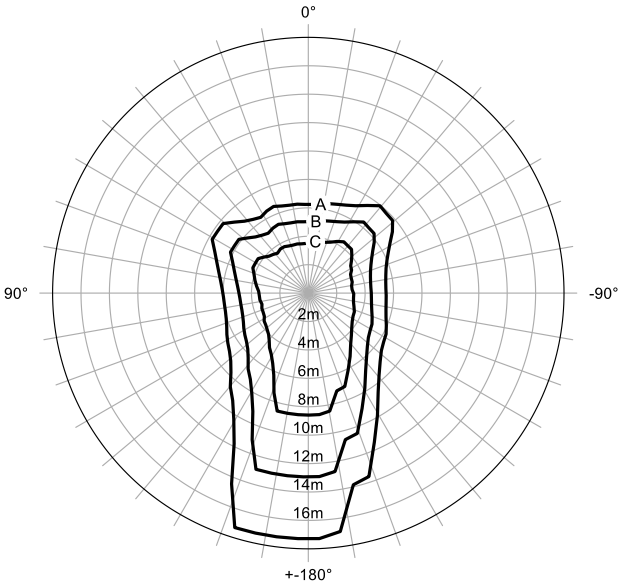


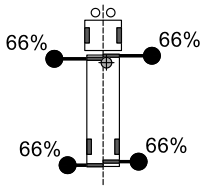
A: 4.450kg
B: 6.100kg
C: 9.700kg



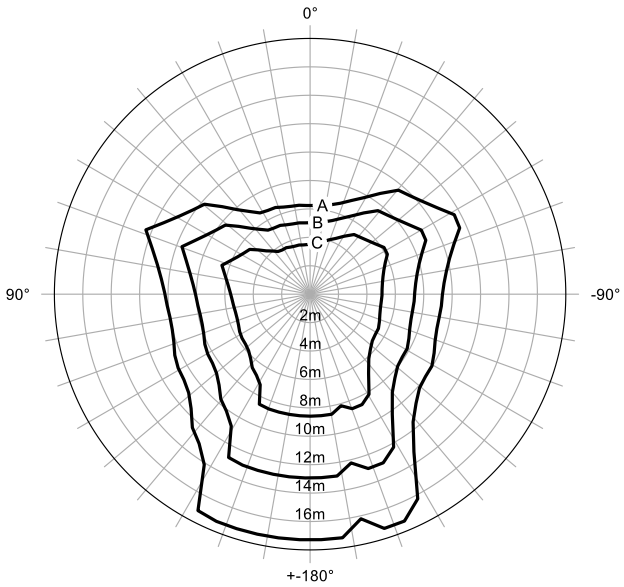


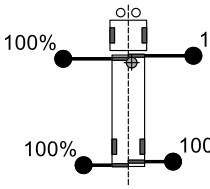
A: 4.450kg
B: 6.100kg
C: 9.700kg



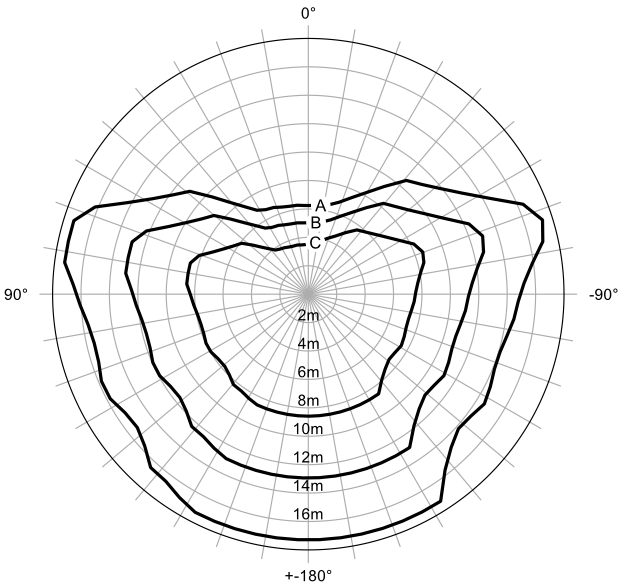


A: 4.450kg
B: 6.100kg
C: 9.700kg





A: 4.450kg
B: 6.100kg
C: 9.700kg



Load values are according to PALTRONIC parameters provided by the installer

Palchart_AdjustmentDate: 11.6.2021

Version: PCH 2.2.1.14876

Palchart_InstallerID: SEGEHAB18604E019/644496413667

PALFINGER

PK 110002-SH F PJ 170 E

LIFTING CAPACITY DIAGRAM

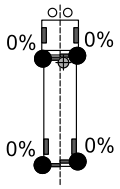
Stabilizer situation:
Partly supported

100533467 / S512-SKD
Scania|R 560

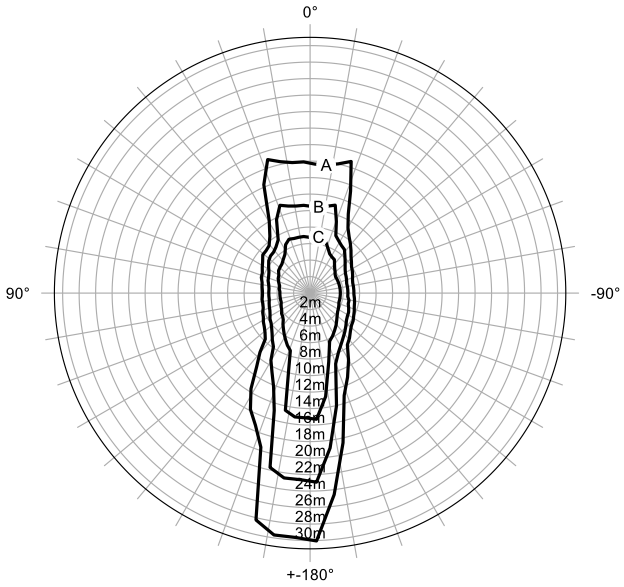
HPSC

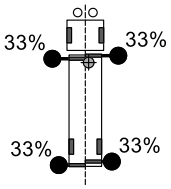
○ .....Stabilizer not active
● .....Stabilizer active
%.....Outrigger stroke

Max. occuring stabilizer force Fmax 371kN (dynamic)

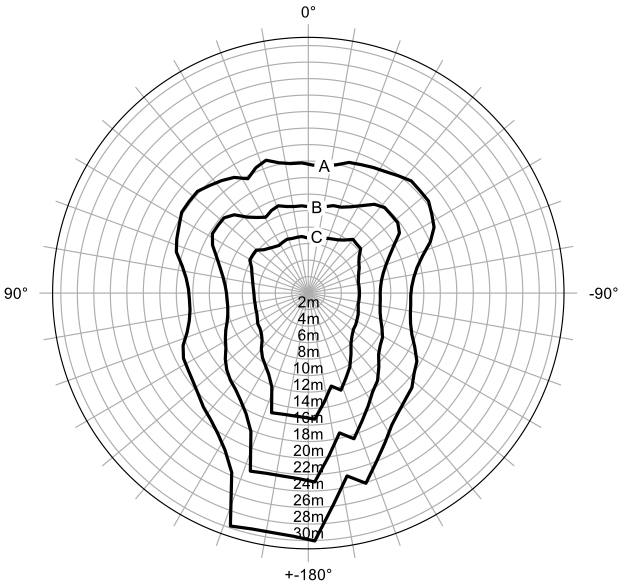


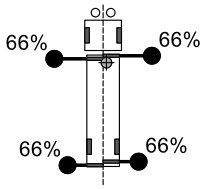
A: 1.180kg
B: 1.880kg
C: 3.600kg



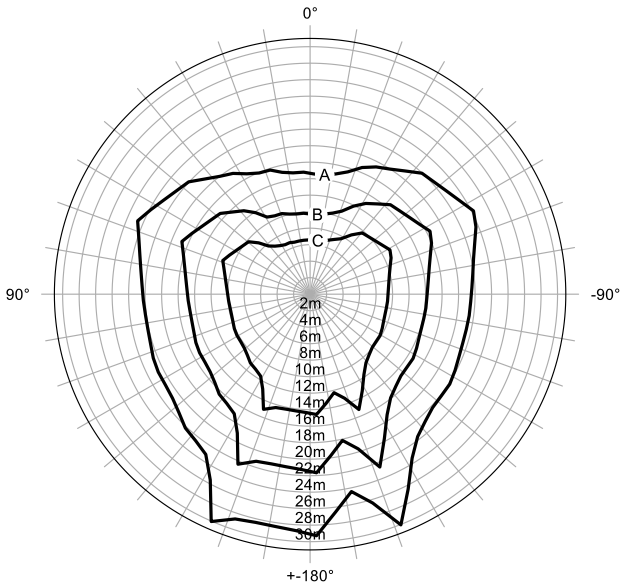


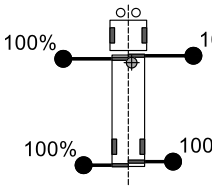
A: 1.180kg
B: 1.880kg
C: 3.650kg



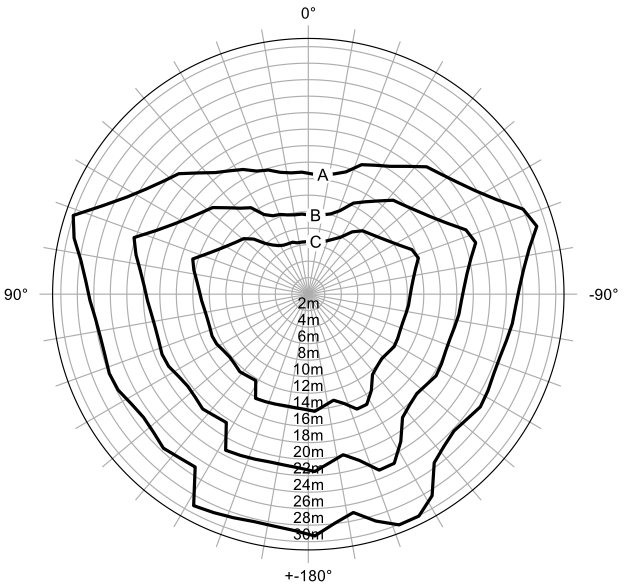


A: 1.280kg
B: 2.100kg
C: 3.900kg





A: 1.280kg
B: 2.100kg
C: 4.100kg



Load values are according to PALTRONIC parameters provided by the installer

Palchart_AdjustmentDate: 11.6.2021

Version: PCH 2.2.1.14876

Palchart_InstallerID: SEGEHAB18604E019/644496413667

PALFINGER

PK 110002-SH F

LIFTING CAPACITY DIAGRAM

Stabilizer situation:

Fully supported incl. switchable ballast LCA 03

100533467 / S512-SKD

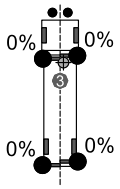
Scania|R 560

HPSC

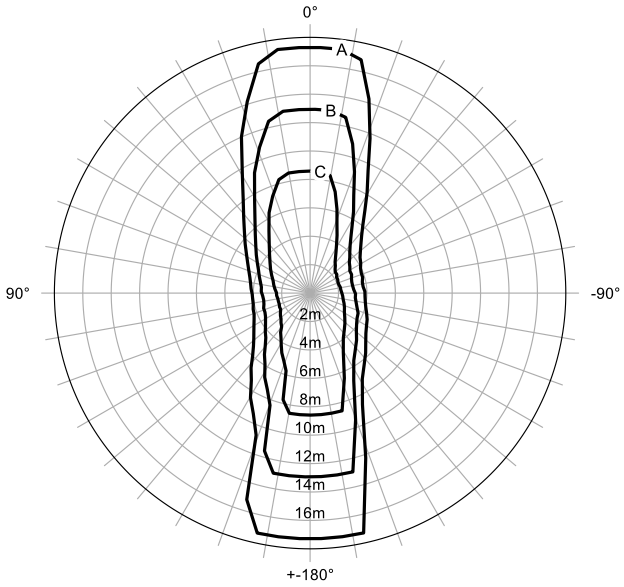
○ .....Stabilizer not active
● .....Stabilizer active
%.....Outrigger stroke

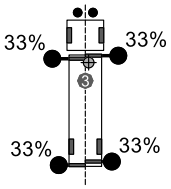
❸ LCA03: 10.000kg

Max. occuring stabilizer force Fmax 371kN (dynamic)

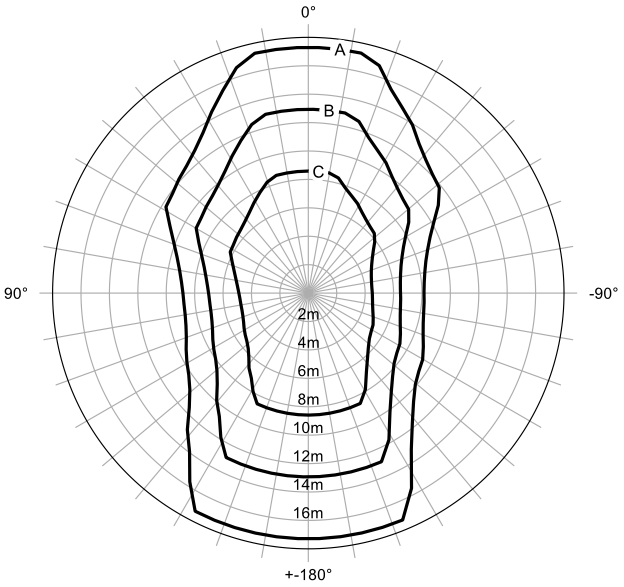


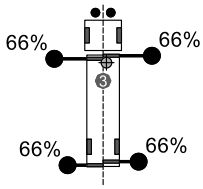
A: 4.450kg
B: 6.100kg
C: 9.700kg



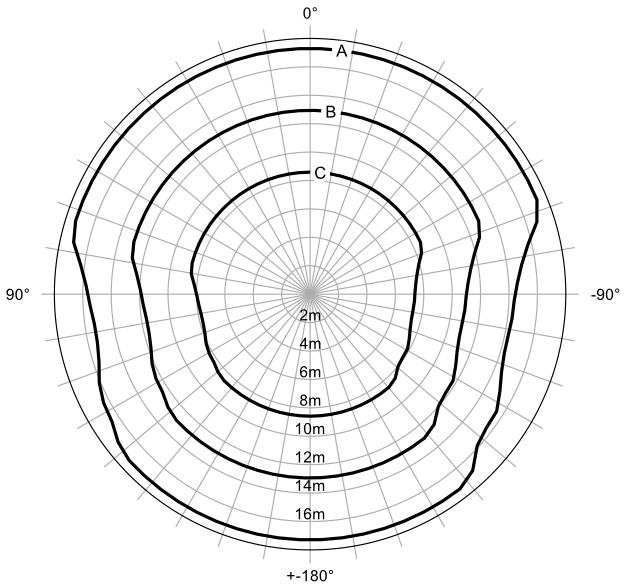


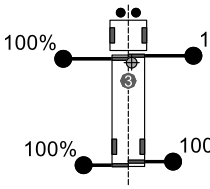
A: 4.450kg
B: 6.100kg
C: 9.700kg



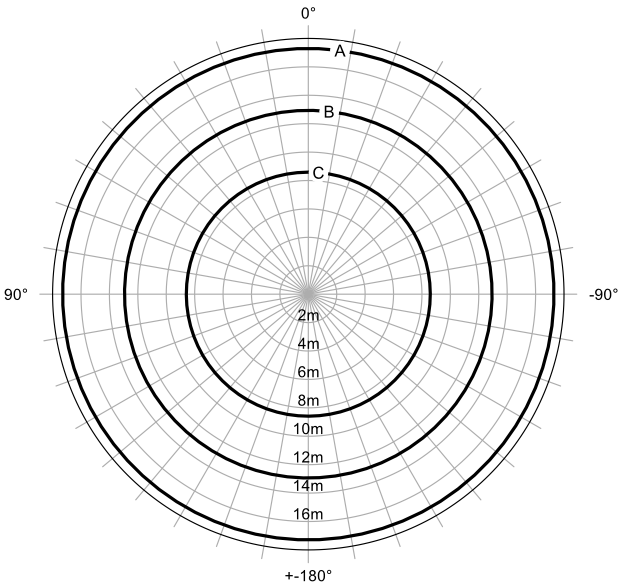


A: 4.450kg
B: 6.100kg
C: 9.700kg





A: 4.450kg
B: 6.100kg
C: 9.700kg



Load values are according to PALTRONIC parameters provided by the installer

Palchart_AdjustmentDate: 11.6.2021

Version: PCH 2.2.1.14876

Palchart_InstallerID: SEGEHAB18604E019/644496413667

PALFINGER

PK 110002-SH F PJ 170 E

LIFTING CAPACITY DIAGRAM

Stabilizer situation:

Fully supported incl. switchable ballast LCA 03

100533467 / S512-SKD

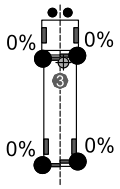
Scania|R 560

HPSC

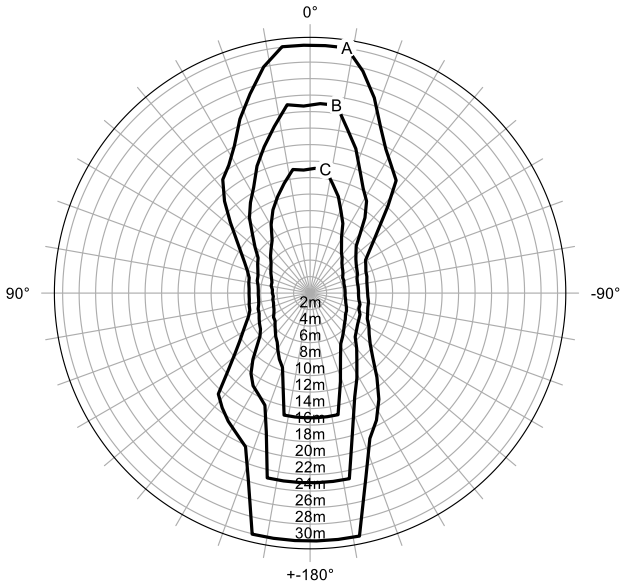
○ .....Stabilizer not active
● .....Stabilizer active
%.....Outrigger stroke

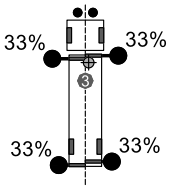
❸ LCA03: 10.000kg

Max. occuring stabilizer force Fmax 371kN (dynamic)

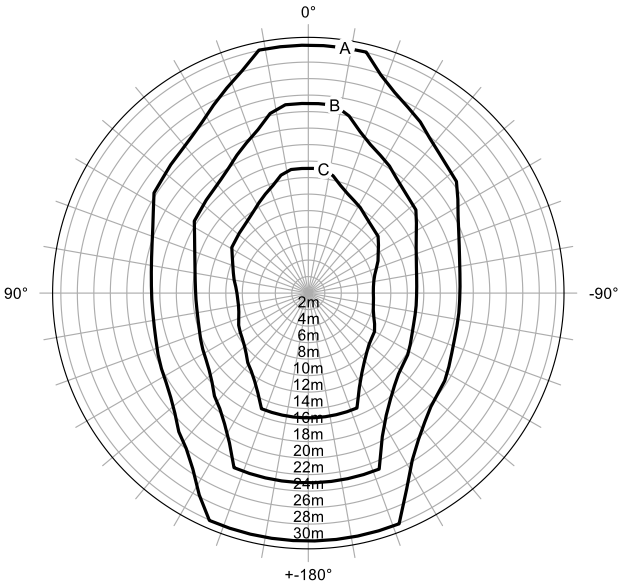


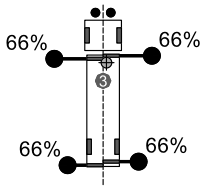
A: 1.280kg
B: 2.100kg
C: 4.100kg



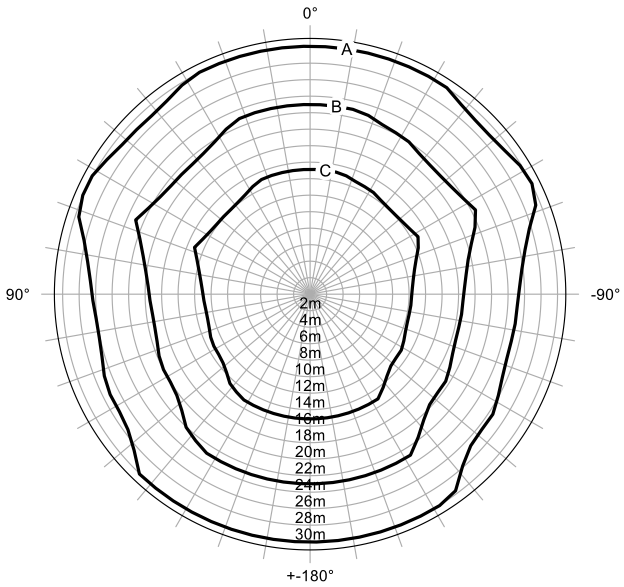


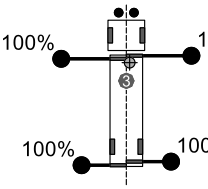
A: 1.280kg
B: 2.100kg
C: 4.100kg



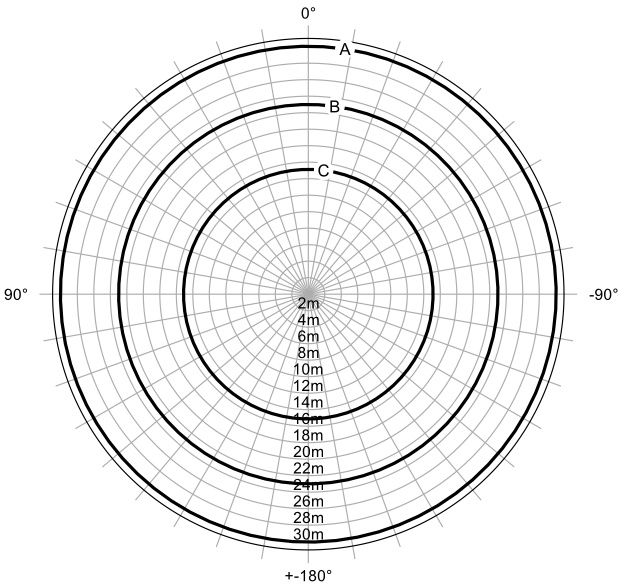


A: 1.280kg
B: 2.100kg
C: 4.100kg





A: 1.280kg
B: 2.100kg
C: 4.100kg



Load values are according to PALTRONIC parameters provided by the installer

Palchart_AdjustmentDate: 11.6.2021

Version: PCH 2.2.1.14876

Palchart_InstallerID: SEGEHAB18604E019/644496413667

PALFINGER

PK 110002-SH F

LIFTING CAPACITY DIAGRAM

Stabilizer situation:

Partly supported incl. switchable ballast LCA 03

100533467 / S512-SKD

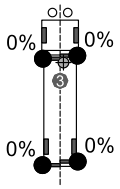
Scania|R 560

HPSC

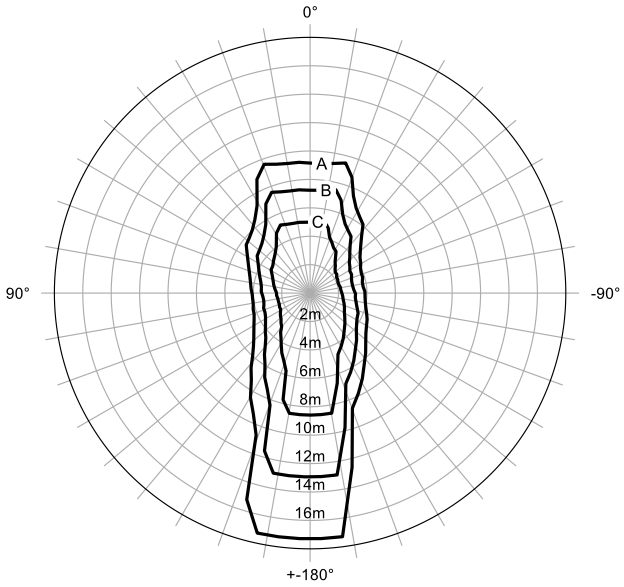
○ .....Stabilizer not active
● .....Stabilizer active
%.....Outrigger stroke

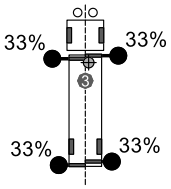
❸ LCA03: 10.000kg

Max. occuring stabilizer force Fmax 371kN (dynamic)

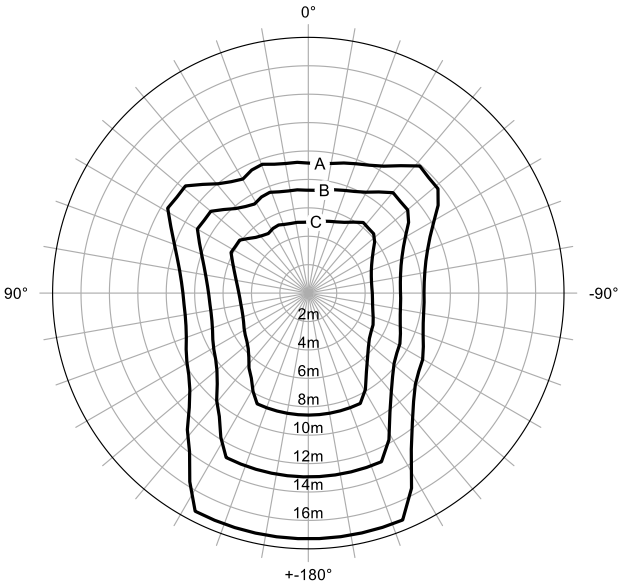


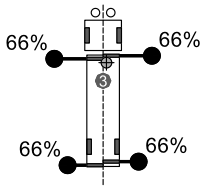
A: 4.450kg
B: 6.100kg
C: 9.700kg



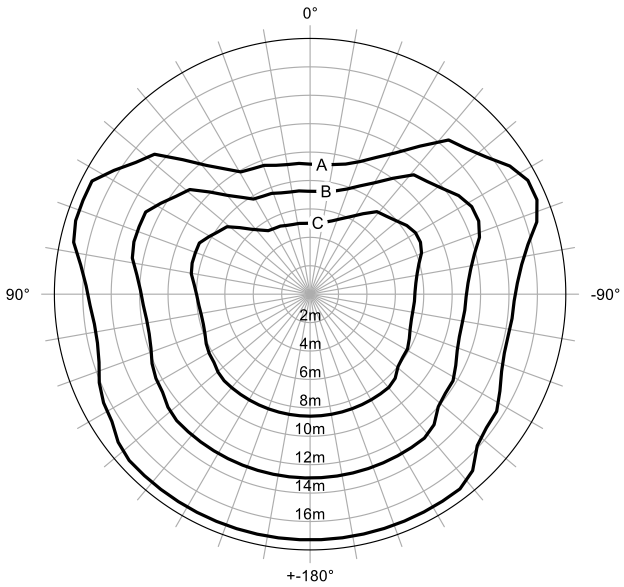


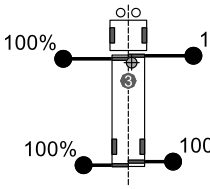
A: 4.450kg
B: 6.100kg
C: 9.700kg



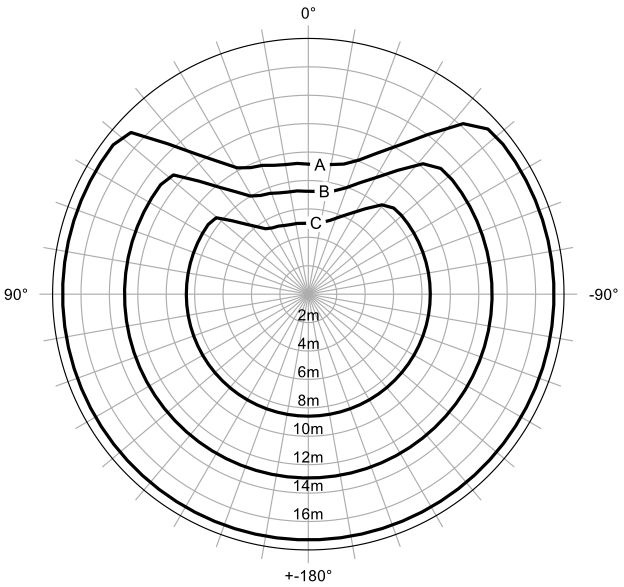


A: 4.450kg
B: 6.100kg
C: 9.700kg





A: 4.450kg
B: 6.100kg
C: 9.700kg



Load values are according to PALTRONIC parameters provided by the installer

Palchart_AdjustmentDate: 11.6.2021

Version: PCH 2.2.1.14876

Palchart_InstallerID: SEGEHAB18604E019/644496413667

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PK 110002-SH F PJ 170 E

LIFTING CAPACITY DIAGRAM

Stabilizer situation:

Partly supported incl. switchable ballast LCA 03

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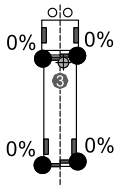
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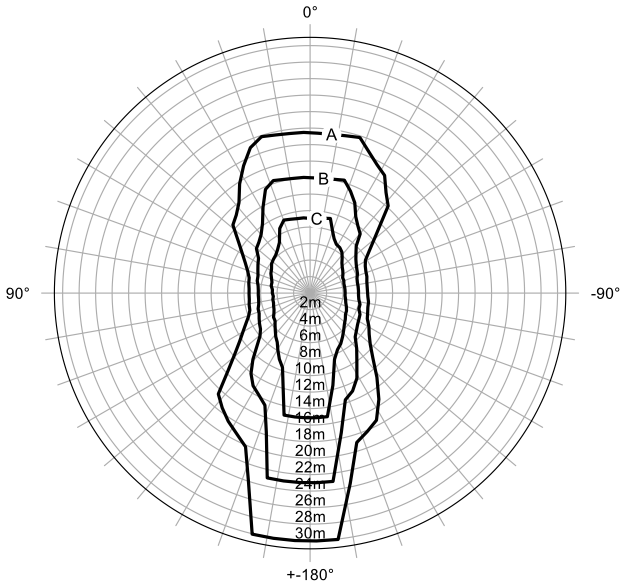
○ .....Stabilizer not active
● .....Stabilizer active
%.....Outrigger stroke

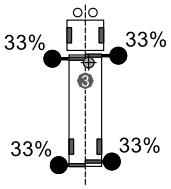
❸ LCA03: 10.000kg

Max. occuring stabilizer force Fmax 371kN (dynamic)

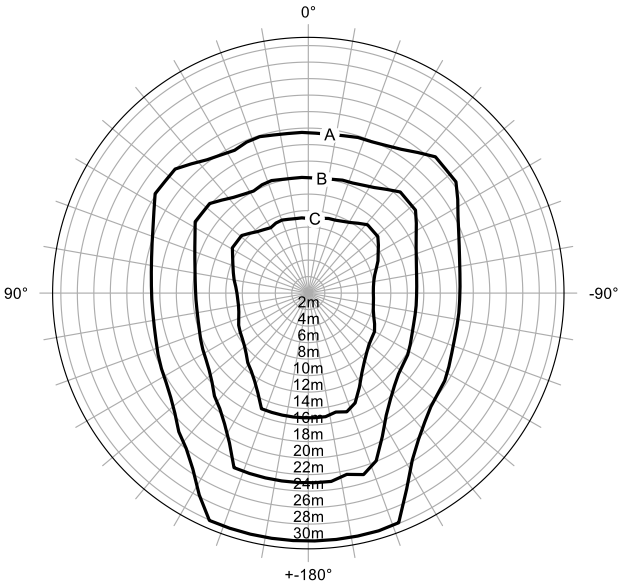


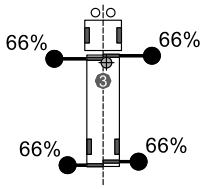
A: 1.280kg
B: 2.100kg
C: 4.100kg



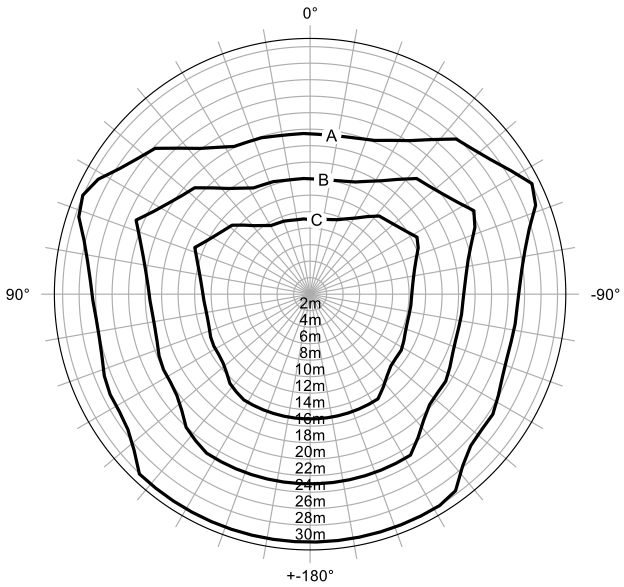


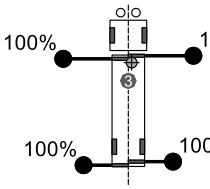
A: 1.280kg
B: 2.100kg
C: 4.100kg



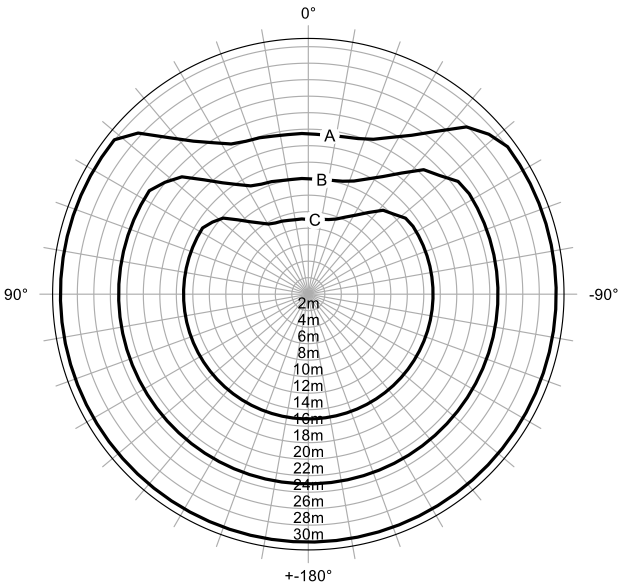


A: 1.280kg
B: 2.100kg
C: 4.100kg





A: 1.280kg
B: 2.100kg
C: 4.100kg



Load values are according to PALTRONIC parameters provided by the installer

Palchart_AdjustmentDate: 11.6.2021

Version: PCH 2.2.1.14876

Palchart_InstallerID: SEGEHAB18604E019/644496413667

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PK 110002-SH F

LIFTING CAPACITY SAMPLES

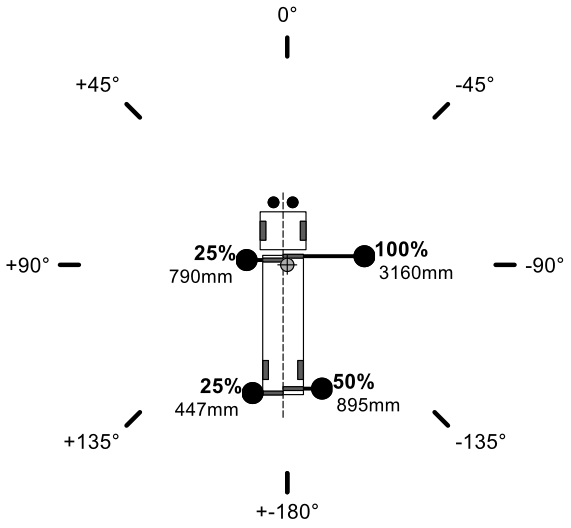
for periodic inspections

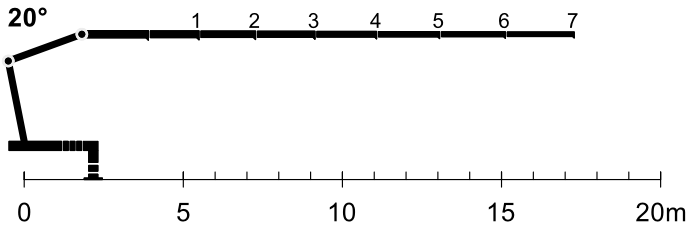
Fully supported without switchable ballast

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mm = cylinder stroke

	0 (4,2m)	1 (5,8m)	2 (7,5m)	3 (9,3m)	4 (11,2m)	5 (13,2m)	6 (15,2m)	7 (17,3m)
0°	16.500kg	11.600kg	8.600kg	6.600kg	5.300kg	4.350kg	3.700kg	3.250kg
+45°	9.500kg	6.300kg	4.400kg	3.250kg	2.450kg	1.940kg	1.580kg	1.360kg
+90°	6.300kg	3.900kg	2.550kg	1.680kg	1.160kg	820kg	620kg	520kg
+135°	10.200kg	6.800kg	4.800kg	3.550kg	2.700kg	2.150kg	1.780kg	1.540kg
+180°	21.100kg	15.100kg	11.300kg	8.800kg	7.100kg	5.900kg	5.100kg	4.450kg
-135°	14.700kg	10.200kg	7.500kg	5.700kg	4.550kg	3.700kg	3.150kg	2.750kg
-90°	17.300kg	12.200kg	9.000kg	7.000kg	5.600kg	4.650kg	3.950kg	3.450kg
-45°	16.900kg	11.900kg	8.800kg	6.800kg	5.400kg	4.450kg	3.800kg	3.350kg

How to use the document

This document is meant to support periodic inspections.
The table shows the adjusted lifting capacities of the crane
- in the shown support condition
- at different slewing angles
- with different extension values (one value per extension boom)

How to check a test point
- Position the unloaded vehicle
- Establish the shown support condition (outriggers and stabilizers exactly as shown in the picture)
- Select a slewing angle from the table
- Choose a test load for this slewing angle (must be within the highest and the lowest value of that angle)
- Put the crane into the shown position, make sure the main boom is at the strongest angle (refer to picture)
  - The crane has to be able to lift the load
  - The overload system has to switch off when extending the boom system further (about 5 to 10%)

Position the unloaded vehicle
- Check any amount of test points according to above procedure (suggestion 3 – 5).
- The check is passed if the crane overload systems switches off according to the test position.
- Due to the many influencing factors (accuracy of support condition, slewing angle, boom angle and test load) tolerances of about 10% may occur.
- When switching off, the stability of the vehicle has to be according to the system setting, but still in safe condition.

PALFINGER

PK 110002-SH F

LIFTING CAPACITY SAMPLES

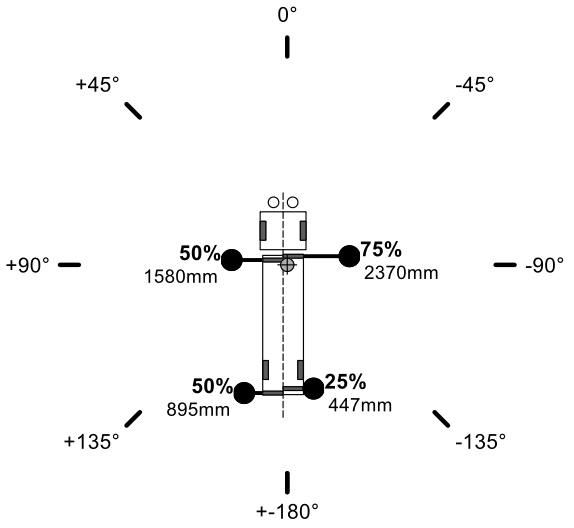
for periodic inspections

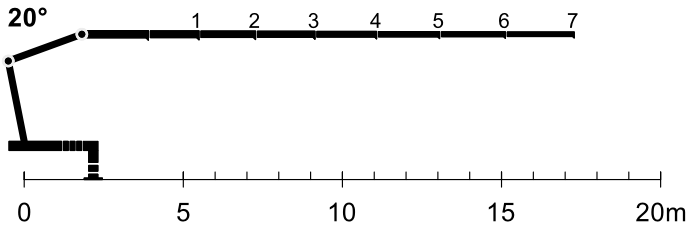
Partly supported without switchable ballast

100533467 / S512-SKD

Scania|R 560

HPSC





mm = cylinder stroke

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0°	7.700kg	5.000kg	3.350kg	2.350kg	1.720kg	1.320kg	1.060kg	890kg
+45°	11.500kg	7.900kg	5.600kg	4.200kg	3.250kg	2.650kg	2.200kg	1.900kg
+90°	10.200kg	6.900kg	4.800kg	3.550kg	2.700kg	2.150kg	1.800kg	1.560kg
+135°	13.800kg	9.600kg	7.000kg	5.300kg	4.150kg	3.400kg	2.900kg	2.500kg
+180°	21.100kg	15.100kg	11.300kg	8.800kg	7.100kg	5.900kg	5.100kg	4.450kg
-135°	11.700kg	8.000kg	5.700kg	4.300kg	3.350kg	2.700kg	2.250kg	1.960kg
-90°	12.600kg	8.700kg	6.300kg	4.700kg	3.700kg	3.000kg	2.500kg	2.200kg
-45°	12.700kg	8.700kg	6.300kg	4.750kg	3.750kg	3.050kg	2.550kg	2.200kg

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