

InfiniSpring® –Acoustic Direct Hanger 60, ADH60-7kg



Product Description	
Ceiling profile	60 mm steel or wood
Hanger type	Nail plate
Upper ceiling connection	5 mm anchor hole
Dimensions	W140, H200, T15 (mm)
Material	Steel
Corrosion protection	Zinc
Nominal load range (EN 13964)	4-7 kg
Extreme load capacity	>150 kg
Natural Frequency range	7-9 Hz
Operating temperature range	-40 - +200 °C
Reaction to fire (EN 13964)	Class A1
Load capacity (EN 13964)	70 N
Durability (EN 13964)	Class B
Environmental impact (EN 13964)	No

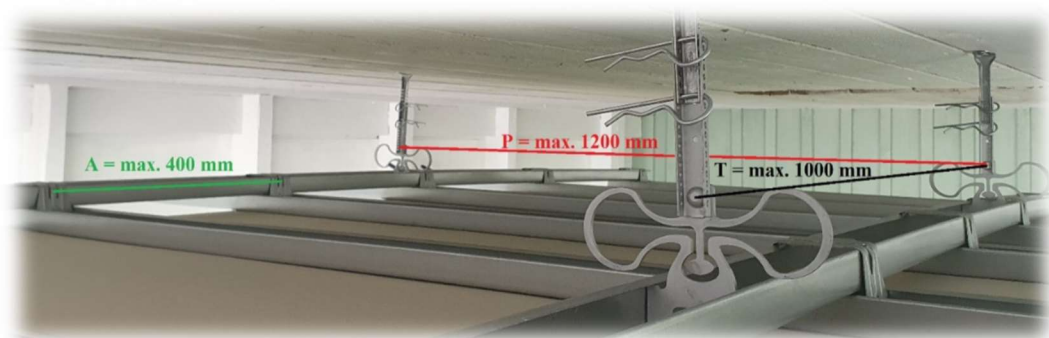
SUPPORT DISTANCES [mm]		
Ceiling weight [kg/m ²]	P	T
10-15 (~ 1 gypsum board)	1000	450
15-25 (~ 1-2 gypsum boards)	900	300
25-35 (~ 2-3 gypsum boards)	800	250
35-50 (gypsum boards + extra weight)	700	200
	max.1200	max.1000

DESCRIPTION

Acoustic direct hanger for suspended ceilings with nail plate fastening. Fits for 60 mm GK ceiling system and lumber. Extremely low height suspended ceiling solution. Very high noise and vibration isolation performance. Improves impact and airborne noise soundproofing.

INSTALLATION

1. Connect ADH60-7kg to the roof with suitable method using support distances from next to shown table and picture.
2. Bend ADH60-7kg nail plates downwards, 90-degree angle.
3. Connect ADH60-7kg to GK 60 mm ceiling profiles using the nail plates.
4. Assemble GK-ceiling system and other roof structure normally using manufacturer's instructions.



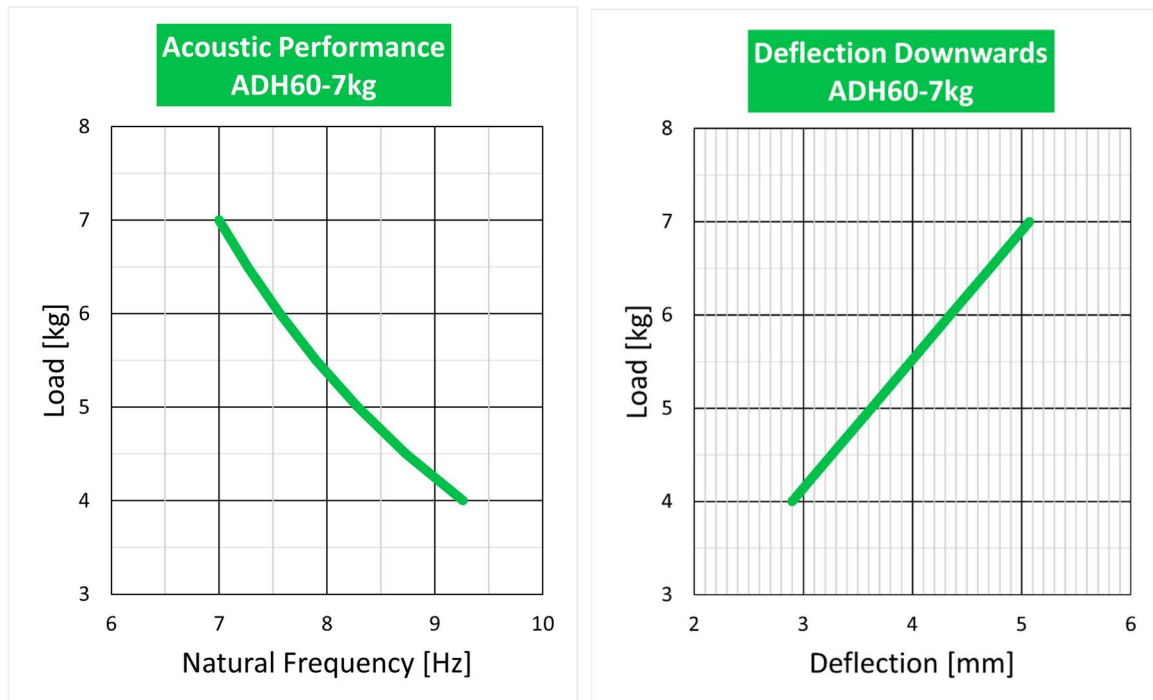
Note: Picture is showing Nonius 60N hanger version product

P = Distance between upper profiles
T = Distance between hangers
A = Distance between lower profiles

NOTE

To guarantee acoustic performance presented ceiling weights in the table shall not be exceeded at any ceiling point location. Suspended ceiling will deflect downwards 3-5 mm after laying of gypsum boards.

ACOUSTIC PERFORMANCE



RECYCLING

Product is 100 percent steel and can be recycled together with other steel scrap.

MANUFACTURER

Labrys Oy / InfiniSpring
 Uuspihlajantie 19
 66370 Närviöjoki
 Finland



ADH60-7kg connected to structural laminated veneer lumber. Bended nail plate length is 70 mm.



ADH60-7kg is extremely low height solution and even fits into the GK 60 mm ceiling profile.