



# Van den Hul GRASSHOPPER III CHN, Phono Cartridge

*A cartridge just for friends.*

**Discontinued.** Retipping service remains available.

Shown above is The GRASSHOPPER III GLA. All GRASSHOPPER III versions have a similar construction as the III GLA version, except that the other versions have a white metal body, different coil windings, coil wire metal and magnetic materials; This as indicated below.

## Description:

A custom handbuilt moving coil cartridge featuring:

**C** = matched crystal Copper coils

**H** = High output (4.0 mV/channel)

**N** = Neodymium magnet

## Special customer demands/specifications:

Thanks to the many variations in materials available, it is always possible to build a unit to match the personal demands of the customer.

With these personalized cartridges the wooden container can mention the name of the customer it has been specially built for.

This option is **exclusively** available for The GRASSHOPPER III series, The GRASSHOPPER IV, The GRASSHOPPER "BEAUTY", The CONDOR and The COLIBRI versions.

The customer demands/specifications that can be taken into account when building a personalized GRASSHOPPER III, IV, GRASSHOPPER "BEAUTY", CONDOR or COLIBRI for instance are:

The tone-arm used, the preamp and load impedance used, a particular brand of records to be played, the type of music generally played (jazz being more dynamic and classical more spacious and detailed) and other personal/sound preferences.

## Production time:

The production time for a GRASSHOPPER cartridge after ordering is about two weeks. Please call your authorized distributor for delivery time.

## Specifications:

Cartridge Type	GRASSHOPPER III CHN	Unit
Stylus Replacement Available	see (*)	
Stylus Shape	VDH - IS	
Stylus Radii	2 x 85	Micron
Frequency Range	5 - 65.000	Hz
Tracking Force	13.5 - 16	mN
Static Compliance	35	Micron / mN
Tracking Ability at 15 mN at 315 Hz	70 - 80	Micron
Output Voltage at 1 kHz at 5.7 cm/s eff.	4.0	mV RMS
Channel Unbalance	< 0.3	dB
Channel Separation at 1 kHz/10 kHz	>38 / >32	dB
Equivalent Stylus Tip Mass	0.32	Milligram

System Weight	12.2	Gram
Vertical Tracking Angle	22	Degrees
Optimum Load Capacitance	see (**)	pF
Recommended Load Impedance	47k (> 10k)	Ohm
Recommended Eff. Tone arm Mass	6 - 10	Gram
Moving Coil Resistance (per channel)	96	Ohm

(\*) : Stylus replacement and other services available on request

(\*\*): Non critical

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