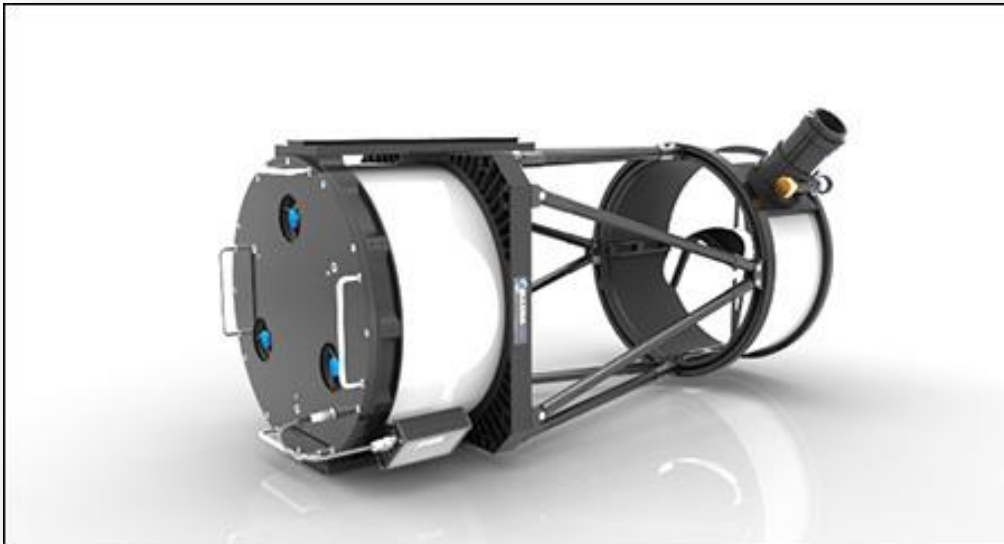


Technical Data

# Alluna Newton astrographs



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eMail: [info@alluna-optics.de](mailto:info@alluna-optics.de) , Web: [www.alluna-optics.com](http://www.alluna-optics.com)

Alluna Newton astrographs are robust and dependable observatory telescopes "Made in Germany". Available in the sizes 16", 18", and 20" with quick open option in f/3,0 to f/4,0 available.

Suitable and available on the market Newton correctors, reducer and Barlows up to 3 inches can be used without restrictions.

Our astrographs are ideally suited for astrophotography and for use in research and technology.

Only optics exclusively of our manufacturing are used. Optionally made from Supremax or Zerodur glass ceramic.

The aluminium carbon truss tube, an elaborate honeycomb structure, is manufactured from solid aluminium. With this, an extremely high stability, torsion resistance and collimation is achieved.

More:

[www.alluna-optics.com/products-newtonian-telescopes.html](http://www.alluna-optics.com/products-newtonian-telescopes.html)

The upper piece can be removed for transportation and can be rotated approximately 2x170 for the best insight into a highly precise fit.

The control of the entire telescope is carried out via the Alluna Teleskop-Control-System (TCS). This controls all the basic functions of the main telescope.

- Motorised focusing of the optic
- Cooling of the optical tube.
- Control of the DustCover  
Four-fold flaps, opening time 6-12 seconds depending on the telescope size
- Mirror heater
- Ascom connection

The control can be carried out via PC/Notebook with a USB connection.

## Technical Data Alluna astrographs:

	<b>Alluna NA16</b>	<b>Alluna NA18</b>	<b>Alluna NA20</b>
Primary mirror Ø	415 mm	465 mm	515 mm
Optical Ø	408 mm	458 mm	508 mm
Standard aperture	f/3,8	f/3,8	f/3,8
Secondary mirror Ø	140 mm	158 mm	170 mm
Obstruction	34%	34%	33%
Tubus upper part rotatable	yes	yes	yes
Weight	52 kg	68 kg	88 kg
Focuser	3 inches	3 inches	3 inches
motorized focus*	✓	✓	✓
secondary mirror heating*	✓	✓	✓
3" field corrector*	✓	✓	✓

\*optional

We reserve the right at any time to deviations from specifications or changes as well as printing errors on these pages.