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ALPA HR ALPAGON LENS FAMILY
TECHNICAL OVERVIEW

TECHNICAL SPECIFICATIONS

ALPA HR ALPAGON LENS RANGE RESOURCE

This document is your guide to identify image circles and technical specifications for the ALPA Lens family. It helps you to identify the shift range of your lenses in combination with ALPA technical cameras. If you need further assistance please do not hesitate to reach out to us via our [contact form](#). We are here to help.

TECHNICAL SPECIFICATIONS

Focal Length	Name	Lens image circle @ f11 in ca. mm	Lens image angle	Lens filter size	Effective focal length	Lens focusing range	Lens movements @ sensor size 33x44* vertical/horizontal	Lens movements @ sensor size 40x54* vertical/horizontal	Focal length equivalent to 24 x 36 mm (Full Frame) @ sensor sizes
23	ALPAGON HR 23	Image Circle: 70 mm	Image Angle: 112°	Filter Size: M 72 x 0.75	Effective: 23.82 mm	Focusing Range: ∞ – 0.25 m/ 0.8 ft	v/h 11 mm / 9 mm	v/h 2 mm / 2 mm	33x44 = 18 mm 40x54 = 15 mm
28	ALPAR HR 28	Image Circle: 70 mm	Image Angle: 101°	Filter Size: M 72 x 0.75	Effective: 28.77 mm	Focusing Range: ∞ – 0.30 m/ 1.0 ft	v/h 11 mm / 9 mm	v/h 2 mm / 2 mm	33x44 = 22 mm 40x54 = 18 mm
32	ALPAGON HR 32	Image Circle: 90 mm	Image Angle: 107°	Filter Size: M 86 x 1.00	Effective: 33.09 mm	Focusing Range: ∞ – 0.40 m/ 1.2 ft	v/h 23 mm / 20 mm	v/h 16 mm / 13 mm	33x44 = 26 mm 40x54 = 21 mm
35	ALPAR HR 35	Image Circle: 70 mm	Image Angle: 90°	Filter Size: M 67 x 0.75	Effective: 35.15 mm	Focusing Range: ∞ – 0.40 m/ 1.3 ft	v/h 11 mm / 9 mm	v/h 2 mm / 2 mm	33x44 = 27 mm 40x54 = 23 mm
40	ALPAGON HR 40	Image Circle: 90 mm	Image Angle: 94°	Filter Size: M 67 x 0.75	Effective: 41.85 mm	Focusing Range: ∞ – 0.50 m/ 1.6 ft	v/h 23 mm / 20 mm	v/h 16 mm / 13 mm	33x44 = 33 mm 40x54 = 27 mm
50	ALPAGON HR 50	Image Circle: 90 mm	Image Angle: 84°	Filter Size: M 67 x 0.75	Effective: 51.68 mm	Focusing Range: ∞ – 0.80 m/ 2.6 ft	v/h 23 mm / 20 mm	v/h 16 mm / 13 mm	33x44 = 40 mm 40x54 = 33 mm
70	ALPAGON HR 70	Image Circle: 100 mm	Image Angle: 70°	Filter Size: M 58 x 0.75	Effective: 70.00 mm	Focusing Range: ∞ – 0.80 m/ 2.6 ft	v/h 28 mm / 25 mm	v/h 22 mm / 19 mm	33x44 = 55 mm 40x54 = 45 mm
90	ALPAGON HR 90	Image Circle: 120 mm	Image Angle: 67°	Filter Size: M 72 x 1.00	Effective: 90.00 mm	Focusing Range: ∞ – 1.30 m/ 5.0 ft	v/h 39 mm / 35 mm	v/h 33 mm / 29 mm	33x44 = 70 mm 40x54 = 58 mm
138	ALPAGON HR 138	Image Circle: 120 mm	Image Angle: 43.5°	Filter Size: M 67 x 0.75	Effective: 137.80 mm	Focusing Range: ∞ – 1.00 m/ 3.3 ft	v/h 34 mm / 30 mm	v/h 28 mm / 24 mm	33x44 = 109 mm 40x54 = 88 mm
180	ALPAR HR 180	Image Circle: 80 mm	Image Angle: 25°	Filter Size: M 67 x 0.75	Effective: 179.55 mm	Focusing Range: ∞ – 4.00 m/ 13.0 ft	v/h 17 mm / 14 mm	v/h 9 mm / 8 mm	33x44 = 140 mm 40x54 = 115 mm

* Sensor sizes: 33x44mm = Hasselblad CFV 100C / H6D 100C, Fuji GFX | 40x54mm = PhaseOne IQ4, IQ3

All lenses are available in Aperture Unit and X-Shutter. Standard Lens configuration is now Short Barrel delivered including the respective standard SB adapter.

ALPA



ALPAGON HR f4.0/40mm
EDITION PIGNONS



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