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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 @ ƒ11 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	HR ALPAGON 5.6/23	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	HR ALPAR 4.5/28 [discontinued]	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	HR ALPAGON 4.0/32	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	HR ALPAR 4.0/35 [discontinued]	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	HR ALPAGON 4.0/40	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	HR ALPAGON 4.0/50	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	HR ALPAGON 5.6/70	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	HR ALPAGON 5.6/90	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	HR ALPAGON 6.5/138	Image Circle: 110 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	HR ALPAR HR 5.6/180	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 50C, 100C, X1D, X2D / Fuji GFX 100 / PhaseOne IQ1-50, IQ2-50, IQ3-50 | 40x54mm = PhaseOne IQ1, IQ2, IQ3, IQ4 / Hasselblad H6D 100C

All lenses are available in Aperture Unit and X-Shutter. Standard Lens configuration is Short Barrel. Long Barrel available on request (23, 32, 40, 50 , 70 mm only)

Release Date: March 2026

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ALPAGON HR f4.0/40mm
EDITION PIGNONS

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