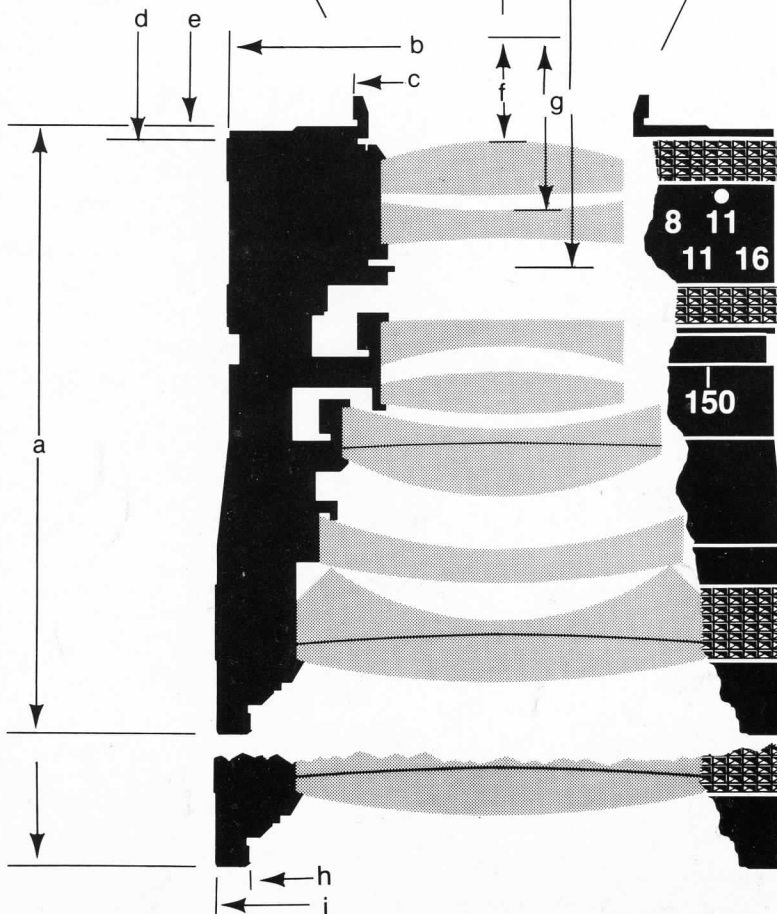
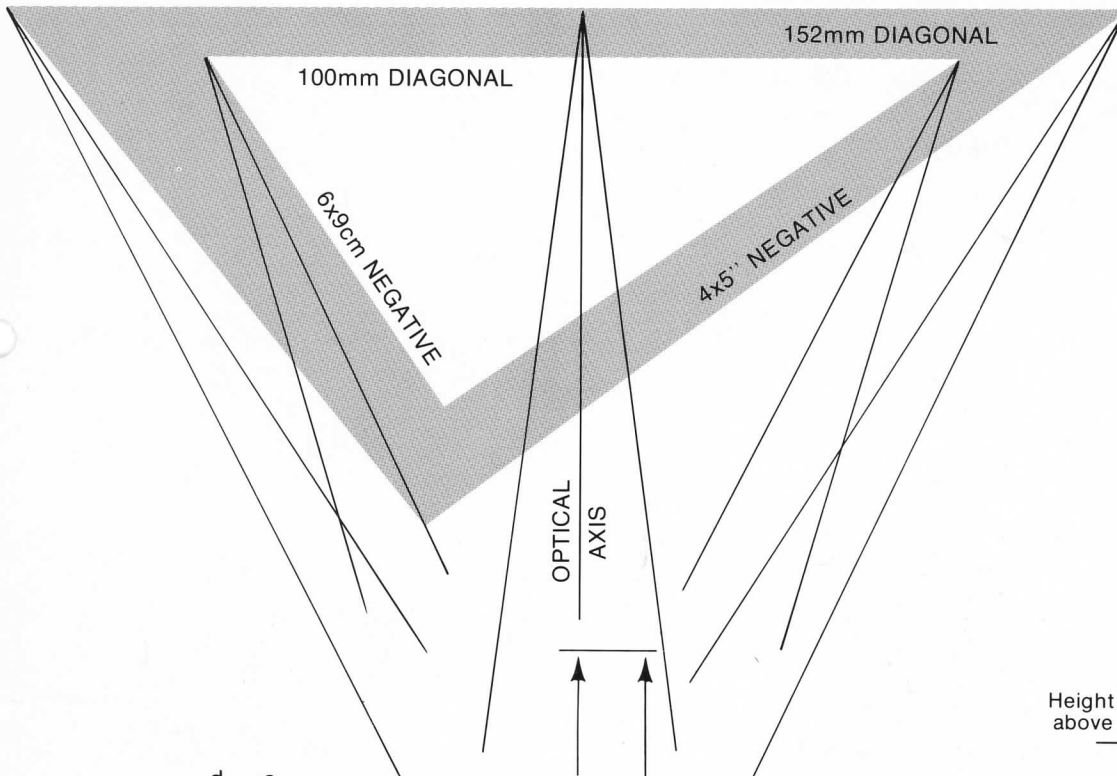


computar® varifocal 105-150

4.5/105 to 5.6/150mm
from 6x9cm to 4x5" formats



The magnification below 150mm represents total 4x5" format coverage. The value below 105mm represents magnification, but not necessarily the complete format. The 105mm covers the 4x5" at 1:1 down to the 6x9cm at infinity. With the negative to print distance at 48", the maximum obtainable magnification of the full 4x5 format is 7.5x when using the 135mm focal length setting.

OPTICAL

Focal length104.7mm to 150.2mm
Aperture rangeF/4.5, 5.6 to 32
Angular field46° to 60°
Optimum Magnification9x to 6x
Color correction400 - 700nm
Back focus distance
at infinity - (d)133.4mm to 161.6mm
Flange focus
at infinity - (e)130.1mm to 158.3mm
Rear Vertex
to rear nodal pt. (f)31.8mm to 13.7mm
Nodal point separation -(g) .48.3mm to 21.9mm
Vertex to Vertex length111.1mm to 71.7mm

MECHANICAL

Overall length(a) 119.0mm to 80.0mm
Diameter of barrel (b).....72mm
Diameter of
mounting thread - (c)39 x 1.0
Filter screw thread - (h)M67 x 0.75
Diameter of
varifocal control - (i)76mm