KINOPTIK

THE VERY FINEST IN OPTICAL QUALITY, FOR 16mm, 35mm CINE, VIDEO, HIGHSPEED, PHOTO, UNDERWATER, SPACE CAMERAS, OPTICAL AMPLIFIERS, PROJECTION, INSTRUMENTATION, IN C, ARRIFLEX, ALPA, PHOTO-SONICS, BARREL, OTHER MOUNTS

WIDE ANGLE LENSES: 16mm (or 35mm)

1.9mm f/1.9 SUPER TEGEA
8.7mm diam. circular image,
optical backfocus 9mm

5.7mm f/1.8 TEGEA

9mm f/1.5 APOCHROMAT

9.8mm f/1.8 TEGEA (35mm)

12.5mm f/1.5 APOCHROMAT

18mm f/1.8 APOCHROMAT (35mm)

25mm f/4 PERI-APOLLAR 360°
Circular image lens

STANDARD LENSES: 16mm (or 35mm)

25mm f/2 APOCHROMAT
28mm f/2 APOCHROMAT (35mm)

32mm f/2.8 APOCHROMAT (35mm)
32mm f/1.9 APOCHROMAT

35mm f/2 APOCHROMAT (35mm)
35mm f/1.3 APOCHROMAT

TELE PHOTO LENSES: 16mm and 35mm

40mm f/2 APOCHROMAT

50mm f/2 APOCHROMAT

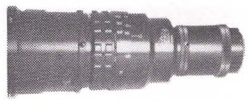
50mm f/1.3 APOCHROMAT

75mm f/2 APOCHROMAT

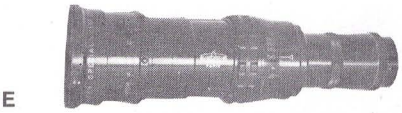
100mm f/2 APOCHROMAT

150mm f/2.5 APOCHROMAT

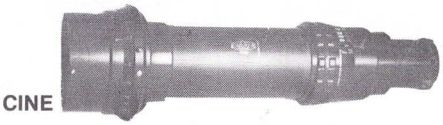
210mm f/2.8 SPECIAL CINE



300mm f/3.5 SPECIAL CINE



500mm f/5.6 SPECIAL CINE



1000mm f/8 KINOPTAR
10 lens elements, 20″
long, focuses from
infinity to 11 ft. for
1:4 magnification

KINOPTIK'S INGENIOUS LENS FORMULAS AND EQUIDISTANT T/STOPS PROVIDE PERFECTLY COLOR MATCHED LENS SETS, WITH NO COLOR VARIATIONS

KINOPTIK

USED FOR ALPA, ARRIFLEX, BEAULIEU, BELL & HOWELL, BOLEX, CP, ECLAIR, FAIRCHILD, GEOTEL, HAZELTINE, HYCAM, MOTOROLA, NASA, PATHE, PHOTO-SONICS, RCA, REDLAKE, ROBOT, TELEDYNE, TRAID, ETC. PLUS VIDEO CAMERAS, INSTRUMENTS, SPACE PROJECTS

KINOPTIK

MORE THAN 30 TOP QUALITY APOCHROMATS AND OTHER LENSES WORLD FAMOUS FOR ULTRA LUMINOSITY, CRITICAL SHARPNESS WITHOUT DISTORTION, ACUTE CONTRASTS, WITH COMPLETE SCALE OF AUTHENTIC TONAL VALUES, AND PRECISE COLOR FIDELITY

MACRO-APOCHROMATS FOR ULTRA CLOSE UPS

50mm f/2 100mm f/2
75mm f/2 150mm f/2.5

focus from infinity all the way down, for 1:1 magnification, without accessories

HIGH SPEED LENSES FOR OPTICAL AMPLIFIERS (IMAGE INTENSIFIERS) AND FOR RADIOLOGY

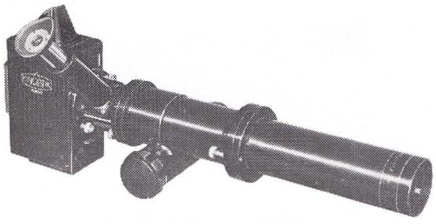
75mm f/1.1 } with or
100mm f/1.3 } without elbow

FOR RADIOLOGY
400mm f/6
500mm f/6.3

can be combined with
35mm f/1.3 for 16mm, video
50mm f/1.3 for 18x24mm, video
75mm f/2 for 18x24mm, video
100mm f/2 for 24x36mm, video

Also: Special lens designs for microfilm, cathode ray tubes, other instruments

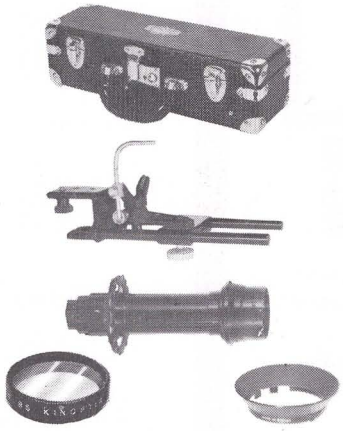
COLLIMATOR



Each lens is individually bench tested on the

KINOPTIK COLLIMATOR
with 125mm, 275mm, 485mm lenses

and hand selected for you



Cases, Cradles, Focusing wheel, Filters, Lens hoods, etc.

For technical specs, please write or call:

35 YEARS

karl heitz inc.

979 THIRD AVENUE
NEW YORK, NY 10022
(212) 421-5220

KINOPTIK 50 YEARS

APOCHROMATS AND OTHER LENSES

KS/5/111

KINOPTIK

CUSTOM GROUND, COLOR MATCHED LENSES, 100% QUALITY CONTROLLED, INDIVIDUALLY BENCH TESTED, HAND SELECTED FOR YOU

WORLD FAMOUS SYMBOL OF OPTICAL EXCELLENCE FULL 5 YEAR WARRANTY

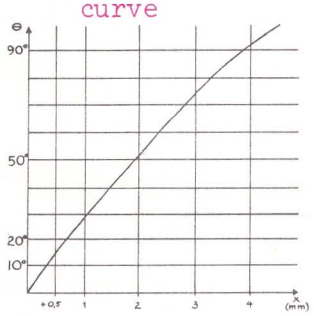
KINOPTIK 1.9mm f/1.9 SUPER-TEGEA

Angle of view ..... 197° (on 8.7mm diam. circle)
Aperture ..... f/1.9 — f/22
Photometric Aperture ..... T/2 — T/22
Focusing range (fixed focus) ..... infinity to front element
Distortion ..... see curve below

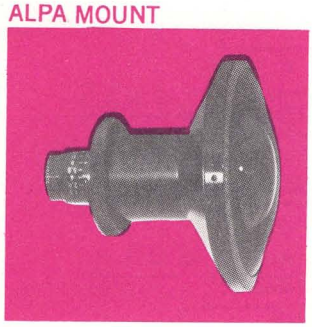
Optical back focus ..... 9 mm
Weight ..... 26 oz.
Glass filters: Haze, 85, etc., (32mm ⌀) ..... } see price list
Metal trimmed leather case ..... }

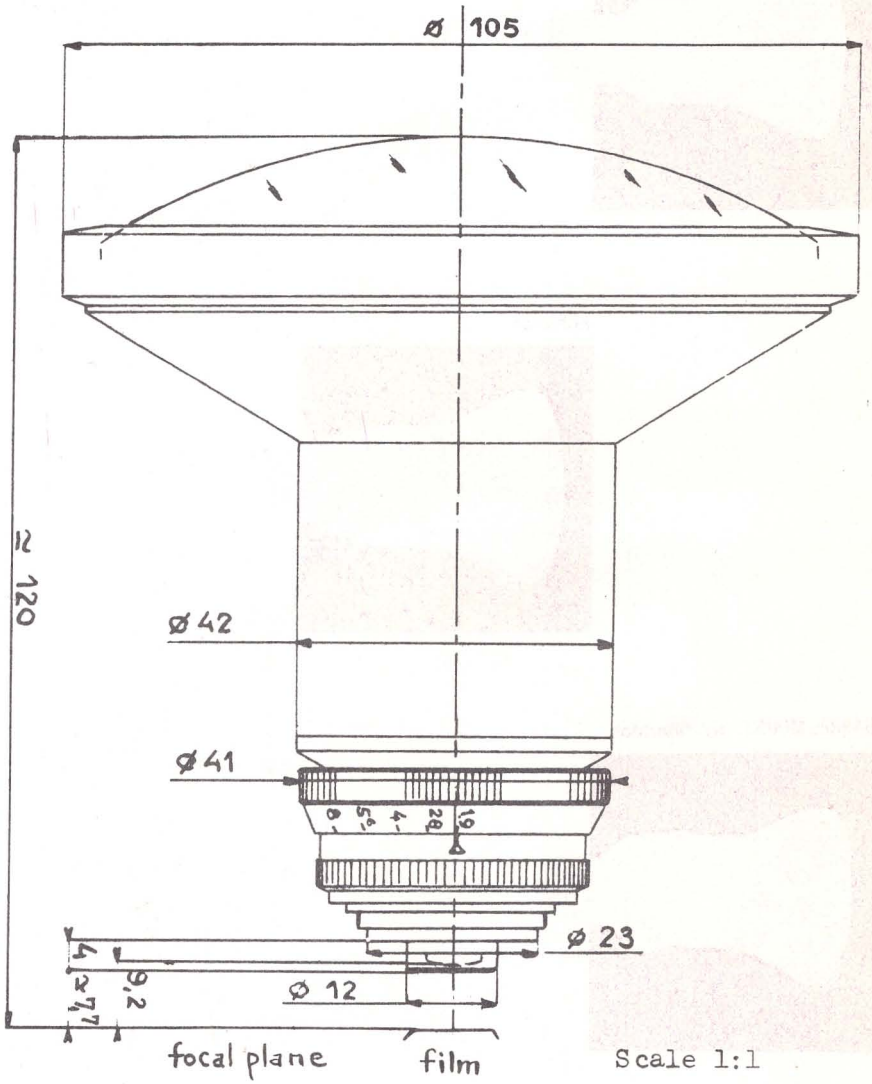
C-MOUNT

Distortion curve



ALPA MOUNT





Scale 1:1

KINOPTIK

SYMBOL OF OPTICAL EXCELLENCE

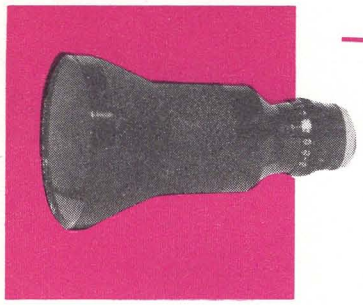
THE ONLY COMPLETE SET OF MORE THAN 30 PROFESSIONAL LENSES FROM 1.9 TO 1,000mm, HAND SELECTED FOR CRITICAL SHARPNESS, ACUTE CONTRAST, AUTHENTIC TONAL VALUES, ULTRA LUMINOSITY AND PRECISE COLOR FIDELITY.

KINOPTIK 5.7mm f/1.8 TEGEA

Angle of view 16mm	97°
Vidicon	113°
Aperture	f/1.8 — f/16
Photometric Aperture	T/2 — T/16
Focusing range (fixed focus)	infinity to front element
Distortion	1.7% for field of 100°
Optical back focus	18mm

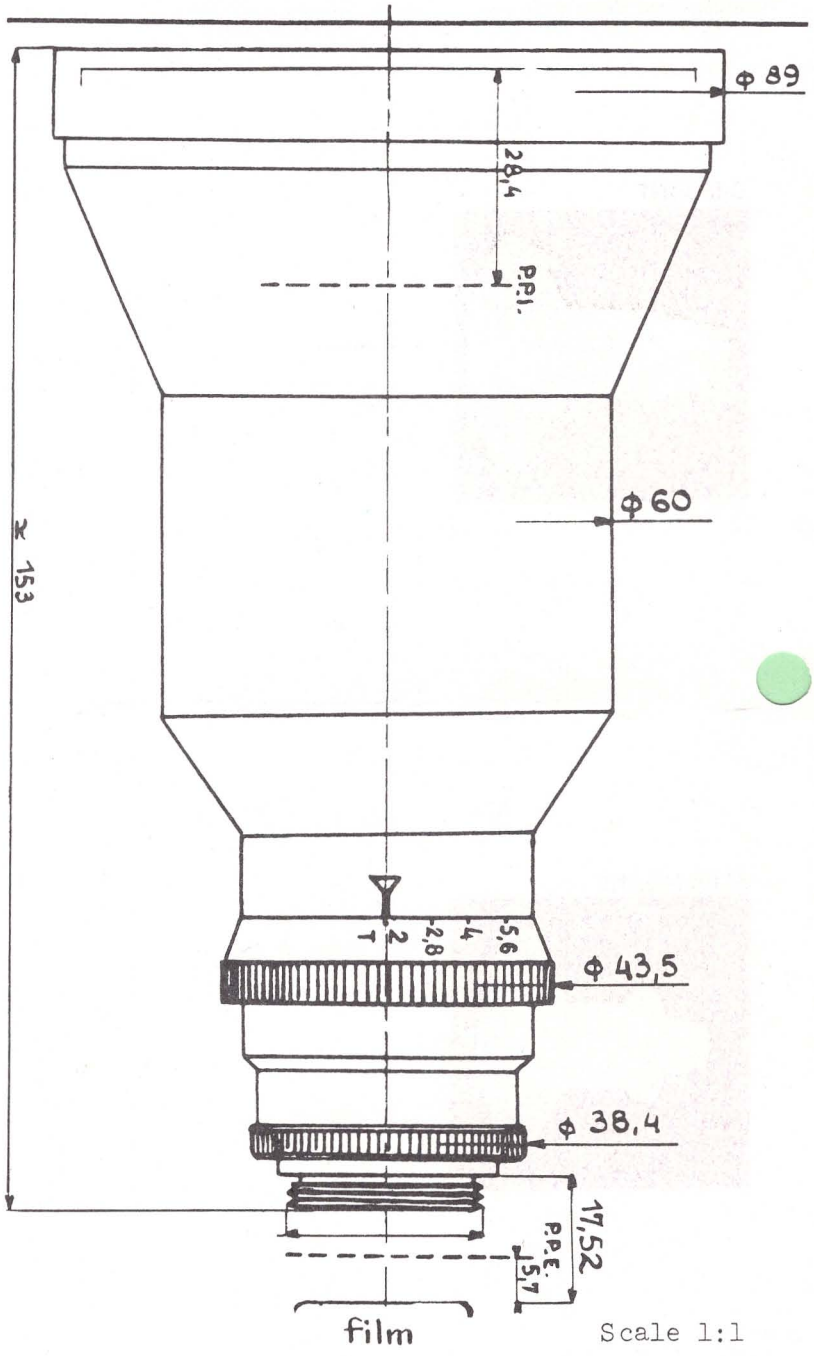
Weight	28 oz.
Slot for 2" square filters (must be ordered with lens)	see price list
Adapter for glass filters (45mm ⌀)	
Glass filters: Haze, 85, etc. (45mm ⌀)	
Lenshood	
Metal trimmed leather case for lens and lenshood	

C-MOUNT



ARRIFLEX

BARREL MOUNT w/ filterslot



Scale 1:1

KINOPTIK CUSTOM GROUND, COLOR-MATCHED, INDIVIDUALLY BENCH TESTED, UNCONDITIONALLY GUARANTEED

karl heitz Inc.
979 THIRD AVENUE, NEW YORK, N.Y. 10022 • (212) 421-5220

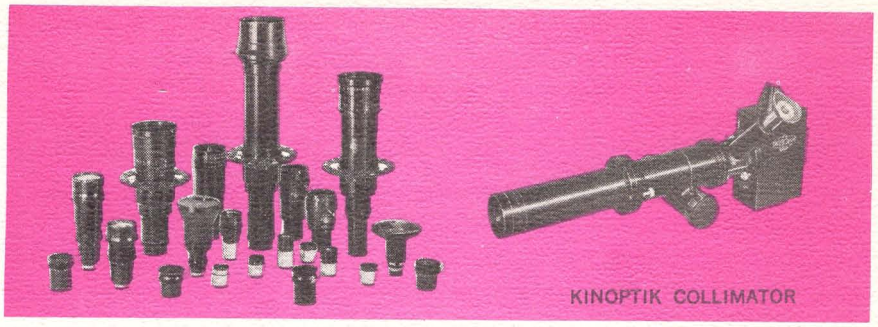
EUROPEAN PRECISION EQUIPMENT ALPA • TESSINA • ROBOT • CARENA • KINOPTIK • CERCO • GITZO VOLOMAT • LINDIA • KERN • OMAG • OMEGA ELECTRONIC • FI-CORD

THE MAGNIFICENT

KINOPTIK®

APOCHROMATS

CUSTOM GROUND, COLOR-MATCHED, INDIVIDUALLY BENCH TESTED, UNCONDITIONALLY GUARANTEED



THE ONLY COMPLETE LENS SET FROM 1.9 TO 1000mm, HAND SELECTED FOR CRITICAL SHARPNESS, AUTHENTIC TONAL VALUES, PERFECT CONTRAST, ULTRA LUMINOSITY AND PRECISE COLOR FIDELITY.

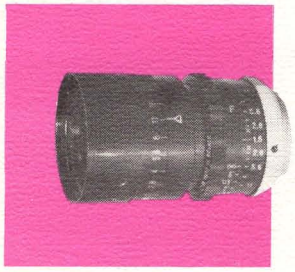
IDEAL FOR: 16mm, 35mm AND LARGER SIZE FORMAT MOVIE, TV, PHOTO AERIAL, SPACE CAMERAS AND PROJECTORS AS WELL AS INSTRUMENTATION.

USED ON: ALPA, ARRIFLEX, BELL & HOWELL, ECLAIR, FAIRCHILD, GEOTEL, HAZELTINE, HYCAM, MAURER, MILLIKEN, MOTOROLA, NASA, ORTHICON, PHOTOSONIC, PLUMBICON, RCA, TRAID, VIDICON, ETC. PLUS NUMEROUS WEATHER SATELLITES AND SPACE PROJECTS.

KINOPTIK 9mm f/1.5 APOCHROMAT

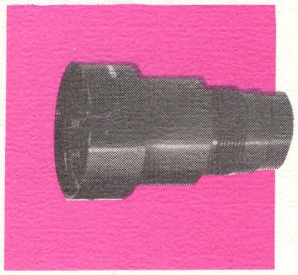
Angle of view	16mm: 70°
	Vidicon: 79°
Aperture	f/1.5 — f/16
Photometric Aperture	T/1.8 — T/16
Focusing range	infinity to 5"
Weight	C-Mount: 7 oz
	Arriflex: 9 oz
	Barrel: 4 oz
Lenshood, Filters, etc.	see price list

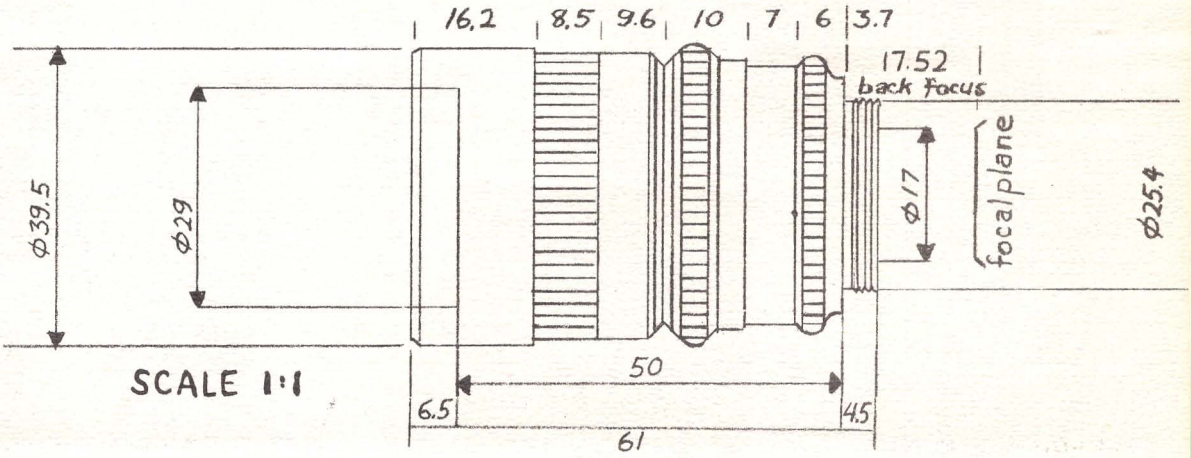
C-MOUNT

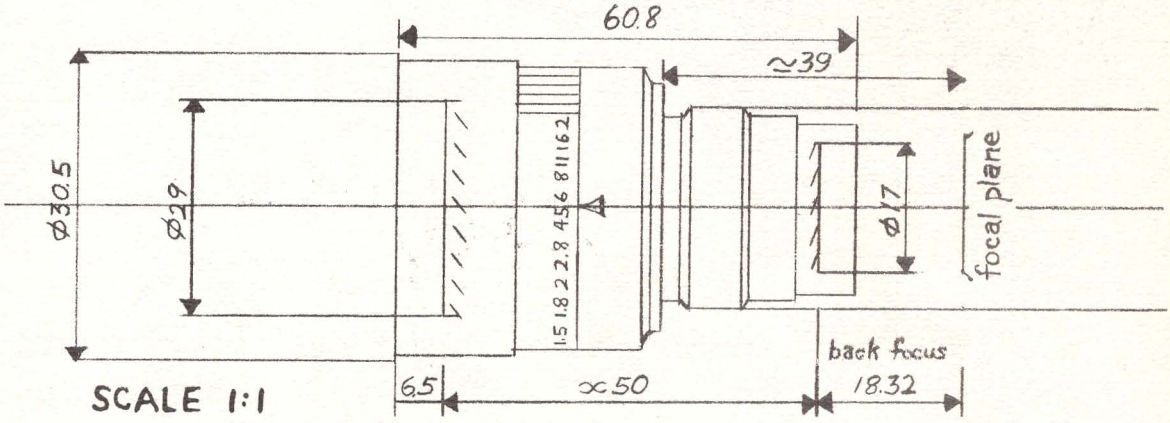


ARRIFLEX

BARREL MOUNT







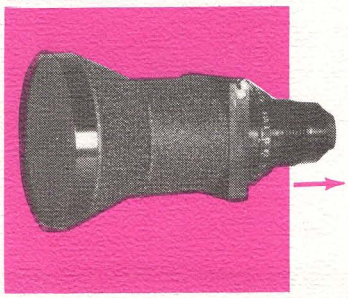
KINOPTIK SYMBOL OF OPTICAL EXCELLENCE

KINOPTIK 9.8mm f/1.8 TEGEA

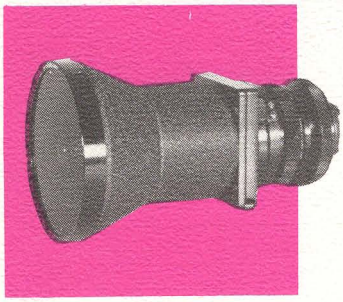
Angle of view	16x22mm: 108° 24x36mm: 130° (slight vignetting)
Aperture	f/1.8 — f/16
Photometric Aperture	T/2.2 —T/16
Focusing range	Infinity to 9"
Distortion	0.7% for 100° field
Weight	2 lbs.
Filterslot (2" square filters) must be ordered with lens	see
Lenshood	price
Metal trimmed leather case	list

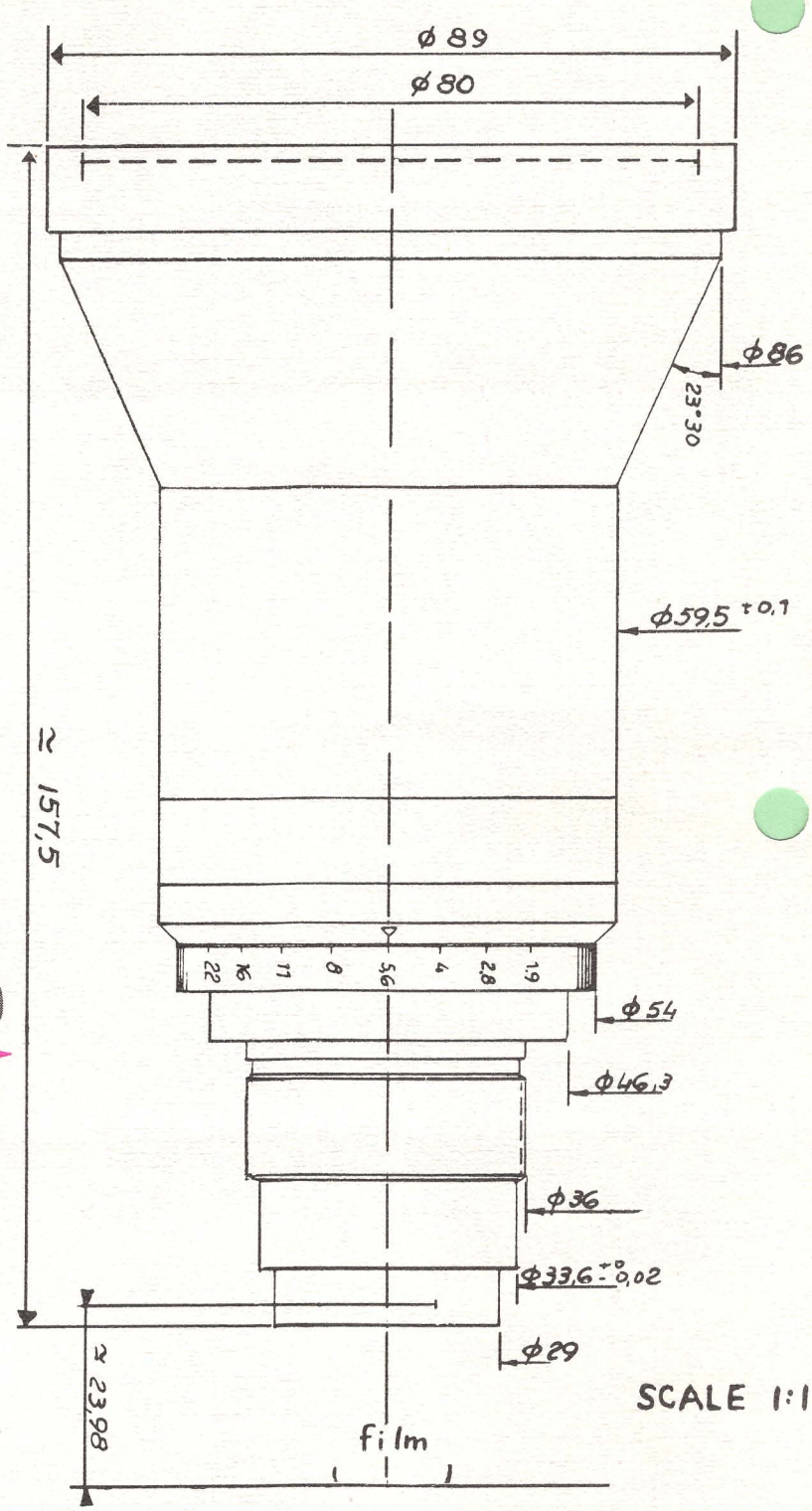
ARRIFLEX

BARREL MOUNT



ALPA-MOUNT





SCALE 1:1

KINOPTIK CUSTOM GROUND, INDIVIDUALLY BENCH TESTED,
UNCONDITIONALLY GUARANTEED

karl heitz Inc.
979 THIRD AVENUE, NEW YORK, NY 10022 • (212) 421-5220

K9/5M/108

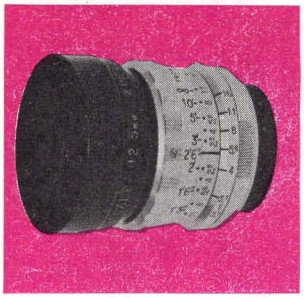
EUROPEAN PRECISION EQUIPMENT ALPA • TESSINA • ROBOT • CARENA • KINOPTIK • CERCO • GITZO VOLOMAT • LINDIA • KERN • OMAG • OMEGA ELECTRONIC • FI-CORD

KINOPTIK 12.5mm f/2.5 APOCHROMAT

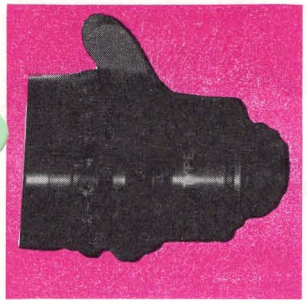
Angle of view ..... 16mm: 54°
..... Vidicon: 61°
Aperture ..... f/2.5—f/16
Photometric Aperture ..... C: T/3.1—T/16
..... Arriflex: T/2.8—T/16

Focusing range ..... infinity to 6"
Optical back focus ..... C: 14,1mm
..... Arriflex: 18,6mm
Weight ..... 6 oz.
Filters: Haze, 85, etc. ..... see price list

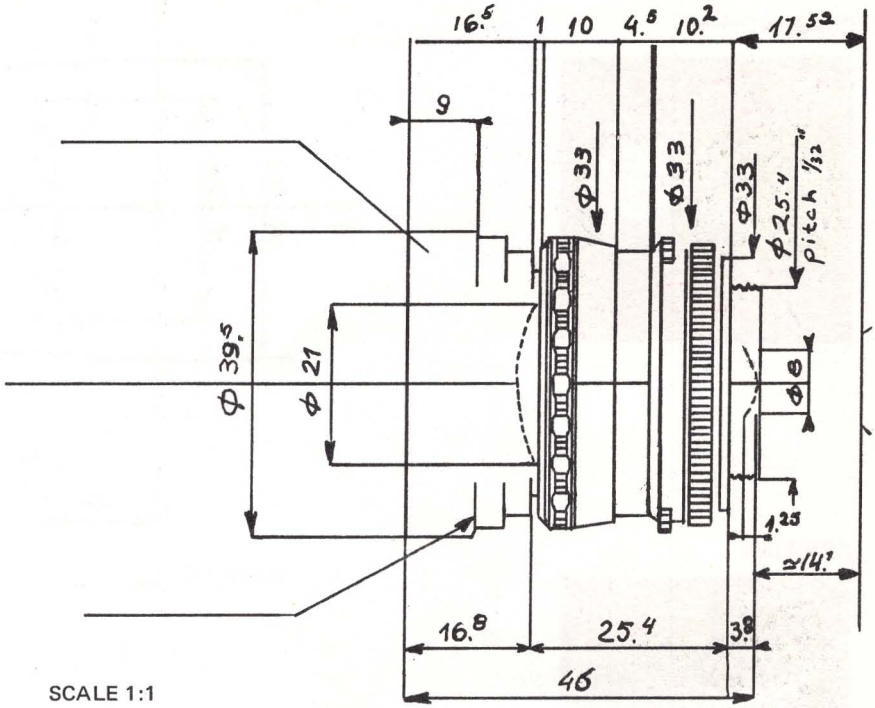
C-MOUNT →



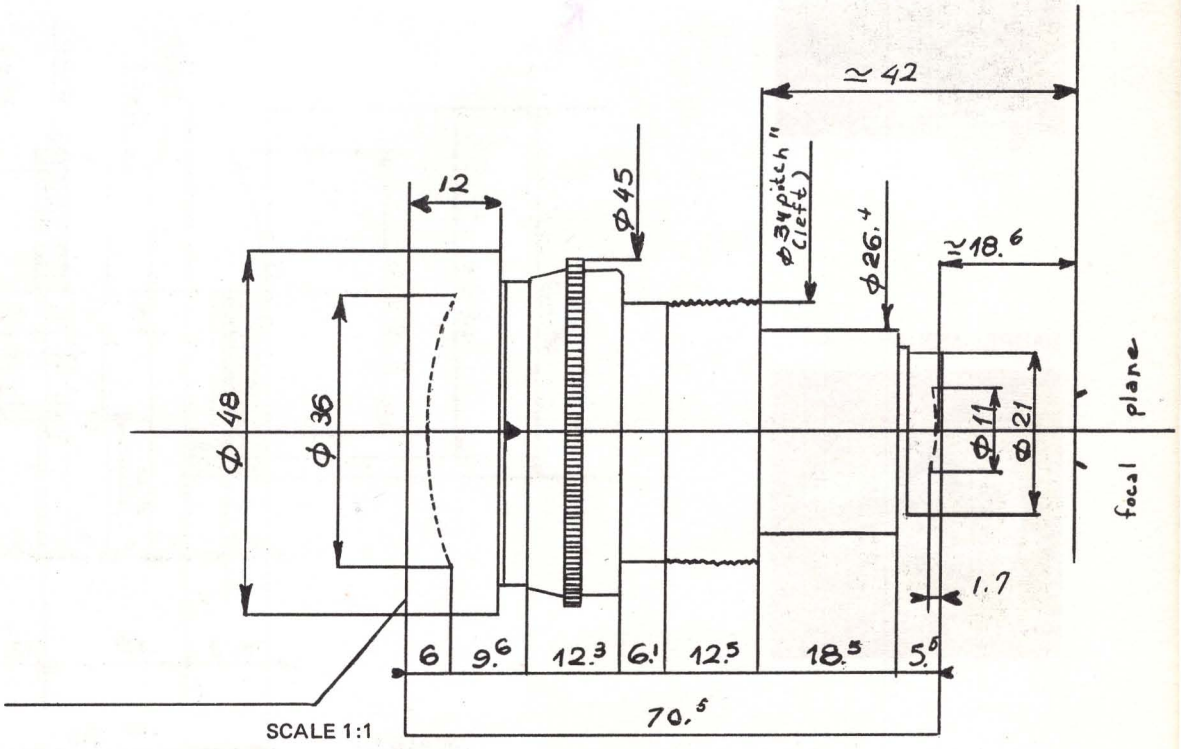
ARRIFLEX



BARREL MOUNT →



SCALE 1:1



SCALE 1:1

KINOPTIK®

SYMBOL OF OPTICAL EXCELLENCE

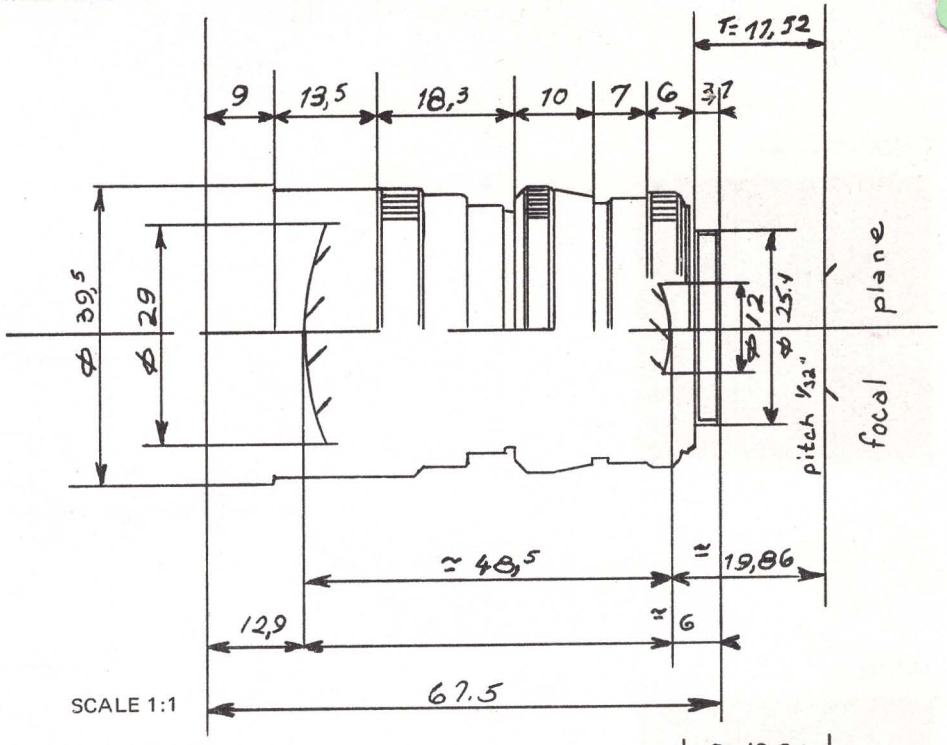
THE ONLY COMPLETE SET OF MORE THAN 30 PROFESSIONAL LENSES FROM 1.9 TO 1,000mm OFFERING CRITICAL SHARPNESS. ACUTE CONTRAST, COMPLETE SCALE OF AUTHENTIC TONAL VALUES, ULTRA LUMINOSITY AND PRECISE COLOR FIDELITY.

KINOPTIK 18mm f/1.8 APOCHROMAT

Angle of view .....16mm: 39°
.....Vidicon: 45°
.....16x22mm: 74°
Aperture .....f/1.8—f/16
Photometric Aperture .....T/2.2—T/16

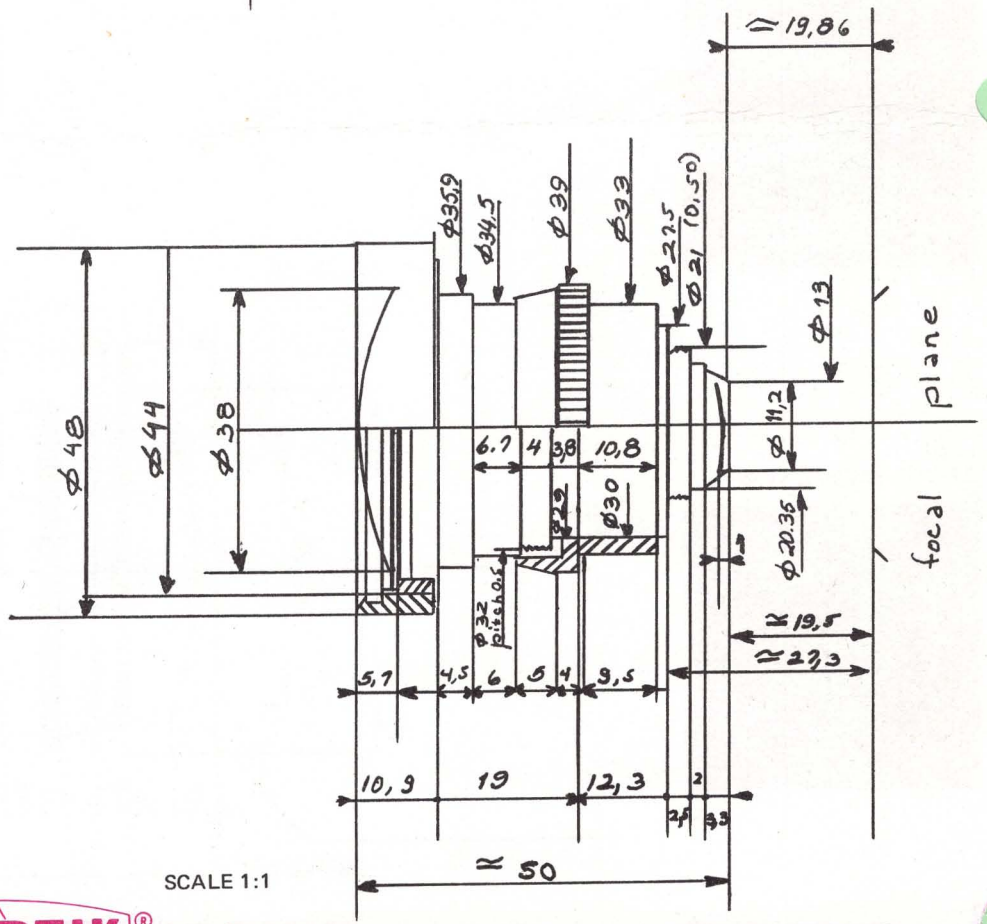
Focusing range .....infinity to 1'
Optical back focus 19,86mm
Weight .....7 oz.
Filters: Haze, 85, etc. .....see price list

C-MOUNT →



SCALE 1:1

ARRIFLEX



SCALE 1:1

BARREL MOUNT →

KINOPTIK® CUSTOM GROUND, INDIVIDUALLY BENCH TESTED, UNCONDITIONALLY GUARANTEED

karl heitz Inc.
979 THIRD AVENUE, NEW YORK, N.Y. 10022 • (212) 421-5220

K12.5/18/5/470

EUROPEAN PRECISION EQUIPMENT

ALPA • TESSINA • ROBOT • CARENA • KINOPTIK • CERCO • GITZO
VOLOMAT • LINDIA • KERN • OMAG • OMEGA ELECTRONIC • FI-CORD