



Follow Focus Lenses

NOVOFLEX



Car racer taken at full speed with Novoflex Follow Focus Lens by H. G. Isenberg.

Center on top: 400 mm Follow Focus lens. Left hand holds pistol grip and squeezes it for focus, right hand is on camera release, ready to shoot. Chestpod PISTOCK adds to security against shaking movement.

The continuous growth of Novoflex Follow Focus Lenses over the past 10 years reflects the high esteem in which these lenses are held by photographers throughout the world.

Speed and ease of handling, plus outstanding reliability, account for Novoflex's leadership in the telephoto lens field. It is true that there are other top-quality telephoto lenses that have achieved world-wide prominence, but they are the conventional type and lack the exclusive features found only in Novoflex Follow Focus Lenses. It is not surprising, therefore, why so many photographers have switched to Novoflex.

Permit us to convey a few impressions from some of these photographers:

"For action pictures, demanding extreme speed and utmost flexibility, there is no finer tele lens than Novoflex."

"For rapidly moving subjects, like swift animals, birds in flight, the Novoflex Follow Focus System is indispensable to me, specializing, as I do, in animal photography."

"I have a very fine collection of slides and have just won First Prize in a color-photo contest at Vichy and another First Prize in a contest at Nizza, thanks to your Novoflex equipment."

"It is by far the handiest, most practical and sharpest long lens I have ever used and I am very happy with it. I also have the 640 mm lens and find that this, too, is a wonderful lens."

"The Follow Focus System incorporates lens flexibility previously unknown in lenses of 20 cm. and longer focal lengths."

"At an exhibition in Berlin called "Partner of Progress" I saw



Center bottom: 280 mm Follow Focus lens with Special Bellows BAL-U.

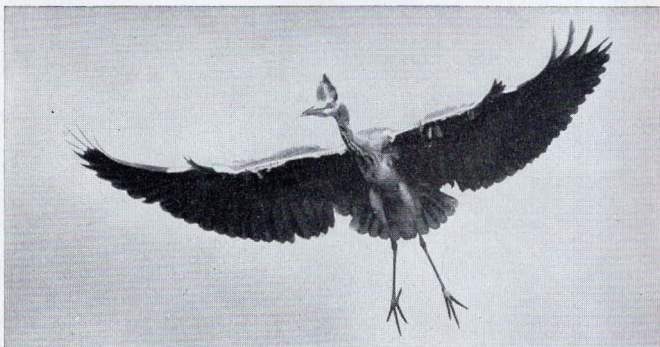
color slides, taken with a 400 mm lens, shown on a tremendous 20 × 30 ft. screen with a 2000-watt projector and they were positively breathtaking."

This is how Novoflex owners feel about our lenses. We receive unsolicited letters of this type daily. (These letters may be seen at our offices.)

It takes actual use, not mere words, to prove the fine qualities of these wonderful lenses. Here we can only describe the primary function of the Novoflex Follow Focus System – to obtain, without effort, pictures that are sharp and brilliant.

The "heart" of the Novoflex Follow Focus System is the patented Pistol Grip. It fits securely and conveniently in one hand, while the other remains in readiness on the body release of the camera. Arms are braced firmly against the body. The Pistol Grip is a rapid focusing device, designed to accept 280 mm, 400 mm and 640 mm Novoflex lenses. With the new quick-change bayonets, it is now possible to interchange cameras and lens heads in record time. If you wish to do close-up photography, (and still focus up to infinity), a special extension bellows (BAL-U*) is available. It fits between camera and Pistol Grip PIGRIFF-B (quickly replacing coupling adapter). Takes just seconds to change.

As you sight through the viewfinder, the subject is kept in sharp focus by simply squeezing the trigger on the Pistol Grip. Danger of camera movement is reduced to a minimum, since the lens moves along the optical axis. It does not rotate, but just **glides** into focus. It is so easy to follow fast moving subjects and get razorsharp results.



E. Baumann shows in his picture book "Triumph des Sports" this swimmer and many other unusual photographs taken with Novoflex.

M. Danegger caught this heron in flight razorsharp with his Novoflex Follow Focus lens.

Three types of Pistol Grips are available.

1 These will meet all your requirements:

PIGRIFF-B

Pistol Grip Handle with bayonet mounts. Permits split-second lens interchangeability. With one Pistol Grip you can use any of the bayonet-equipped Follow Focus Lenses 280 mm f/5.6, 400 mm f/5.6, 640 mm f/9.

2 PIBAL:

Extension Bellows controlled by Pistol Grip (or rack and pinion). Allows the use of lenses without focusing mounts in focal lengths from 105 mm to 240 mm lenses — in helical mounts and shorter focal lengths for photomacrography. Front is equipped with Leica threads.

3 BROPIGRIFF HAPIGRIFF TISPIGRIFF

for 2¹/₄" × 2¹/₄" Bronica
for 2¹/₄" × 2¹/₄" Hasselblad 1000 F or 1600
for 2¹/₄" × 2¹/₄" Praktisix

Two lenses are available for 2¹/₄ square reflex cameras; a 240 mm f/5.6 and a 500 mm f/5.6. Popular 35 mm SLR cameras can also be used with the above by merely adding the adapters "c".

* BAL-U is equipped with European and American tripod sockets for flash brackets. Exposure factors for 280 mm and 400 mm lenses are engraved on the focusing track.

a**b****c****Camera****A d a p t e r s**

for PIGRIFF-B

for PIGRIFF-B
+ BAL-Ufor BROPIGRIFF
+ ad. LEIBRO
for HAPIGRIFF
+ ad. LEIHA
for TISPIGRIFF
+ ad. LEITIS

ALLEI-P

CANLEI-P

REXLEI-P

COLEI-P

EXLEI-P

VISLEI-P + Leitz-
ring 14 127 F*
VISLEI-P*

VISLEI-P*

MINLEI-P

MIRLEI-P

NIKLEI-P

PRALEI-P

TOPLEI-P

Alpa
Canon FX, FT
Canon Pellix }
Contarex

ALBA

ALA

CANBA

CANA

REXBA

REXA

Edixa
Praktica
Pentacon
Pentax
Mamiya Sekor
Icarex-S
Yashica }
Exakta
Exa II }
Leicaflex-SL

COBA

COA

AUXBA

AUXA

LEBA-SL

LEA-SL

Leicaflex

LEBA

LEA

Icarex

ICABA

ICAA

Leica with
Visoflex II/III }
Minolta SR
Miranda
Nikon F
Nikkorex
Nikkormat }
Petriflex
Praktina
Porstreflex }
Mamiya Reflex
Topcon SR, RE }

VISBA

VISA*

MINBA

MINA

MIRBA

MIRA

NIKBA

NIKA

PEBA

PEA

PRABA

PRAA

IXBA

IXA

for Movie Cameras (SLR only)Arriflex 16 mm
C-mount cameras
D-mount cameras
Camex Reflex

ARBA

CEBA

DEBA

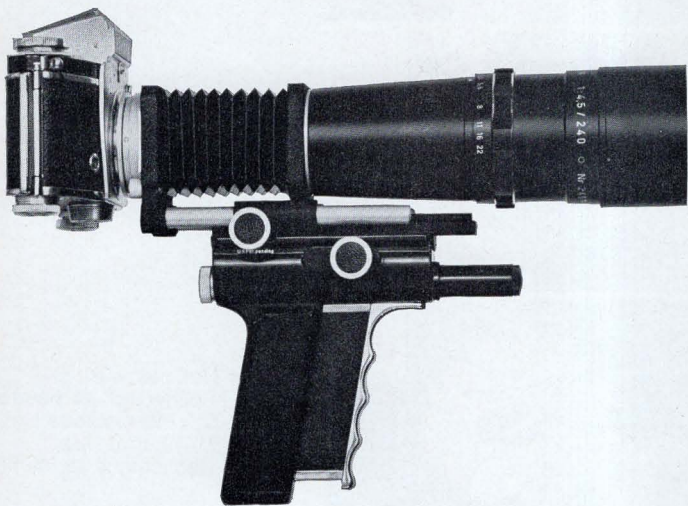
{ CAMCO
{ + COBA

* Leica reflex-housings cannot be used at infinity with BAL-U or with BROPIGRIFF, HAPIGRIFF, TISPIGRIFF.

It is evident from the above list that all single lens reflex cameras and cameras with reflex housings, fully interchangeable lenses and focal plane shutters, can be used with Follow Focus Lenses and Extension Bellows.

The manufacturers of Konica and other SLR cameras with FP shutters supply adapters for Pentax or Exakta lenses permitting use of corresponding Novoflex equipment with these cameras.

Novoflex Follow Focus bellows with 200 mm f/4 Noflexar for action shots especially at close and medium distances.



Pistol Grip PIGRIFF-B is intended for use with longer focal length lenses and is, therefore, particularly efficient for wild life, bird studies and sporting events. This is the precise answer, too, for obtaining exciting close-ups of sporting activities from a distance. Comparison photographs and focusing range on the opposite page.

The Follow Focus Bellows PIBAL is designed for shorter focal length lenses and is, consequently, more adaptable for press coverage at medium to close distances. It is ideal for candid shots of children, street scenes, portraits, zoo animals, etc. In addition, its long extension permits close-ups and even macro photographs of flowers, insects, coins, stamps, clinical work, etc. With PIBAL the Bellows Sun Shade BALSON is recommended. It prevents stray or reflected light from striking the lens. It is also highly effective for obtaining photographs with interesting back-lighting.

For copying or reversing complete or portions of slides, simply attach the Novoflex Slide Copying Outfit BALCOP-P. (This is dealt with in a separate brochure.)

All complete Follow Focus Lenses are supplied with bayonet sun shades. If standard filters are not readily obtainable, we can supply coated filters of exceptional quality.

When using Pistol Grips PIGRIFF-B, PIBAL and coupling adapters, swivel mechanism permits switching instantly, through a 90° radius, from horizontal to a vertical shooting position.

All Pistol Grips are equipped with conveniently positioned locking



H. Niesters, like most top wild life photographers, takes pictures exclusively with Novoflex Follow Focus lenses.

knobs. This feature allows the hands to remain free to make time exposures. A threaded socket in the base accepts tripod or Chest Pod (PISTOCK). Although hand-held exposures can be successfully made with Novoflex Follow Focus Lenses, the Chest Pod (PISTOCK) provides additional support for the longer focal lengths, without diminishing its flexibility. An accessory tripod clamp (PISTAR), available for the 400 mm and 640 mm lenses, fits over lens barrel for greater convenience.

Follow Focus Lenses for movie cameras include (wherever necessary), a rigid arm or bracket (PIBEA-16, PIBOLEX, PIWEBO) for firm support between camera and lens.

Most of the metal parts are constructed of anodized hard aluminum-alloys. This accounts for Novoflex Follow Focus Lenses being so amazingly light.

These lenses are especially designed for the most popular formats. All lens air surfaces have anti-reflective hard coating.

Carrying Cases for all Follow Focus equipment are contained in our catalog. You will also notice that the mount (barrel) and the diaphragm assembly (PIFAS-B) of the 400 mm and 640 mm lenses are the same — a saving in both weight and money.

NOVOFLEX

35 mm Macro-Noflexar
without accessory
30 yards distance

35
mm



50 mm camera lens
without accessory
30 yards distance

50
mm



105 mm Noflexar with
Follow Focus bellows
30 yards distance

105
mm



135 mm Noflexar with
Follow Focus bellows
30 yards distance

135
mm



150 mm Xenar with
Follow Focus bellows
30 yards distance

150
mm



200 mm Noflexar with
Follow Focus bellows
30 yards distance

200
mm



35
mm



35 mm Macro-Noflexar with Follow Focus bellows reversal ring LEIUM
2 ins. distance
4.5 times magnification

50
mm



50 mm camera lens with Follow Focus bellows adapter (e.g. LEICO)
 $2\frac{5}{8}$ ins. distance
1.1 – 2.9 times magnification

105
mm



105 mm Noflexar with Follow Focus bellows
 $9\frac{1}{2}$ ins. distance
 $\frac{3}{4}$ natural size
(focuses up to infinity)

135
mm



135 mm Noflexar with Follow Focus bellows
19 ins. distance
0.38 natural size
(focuses up to infinity)

150
mm



150 mm Xenar with Follow Focus bellows
29 ins. distance
0.26 natural size
(focuses up to infinity)

200
mm



200 mm Noflexar with Follow Focus bellows
25 ins. distance
0.38 natural size
(focuses up to infinity)

280
mm

280 mm Noflexar with
Pistol Grip PIGRIFF-B
camera adapter "a"
30 yards distance



same as above, but with
Special Bellows BAL-U
instead of adapter "a"

same as above
(likewise focuses up to
infinity)

400
mm

400 mm Noflexar with
Pistol Grip PIGRIFF-B
camera adapter "a"
30 yards distance

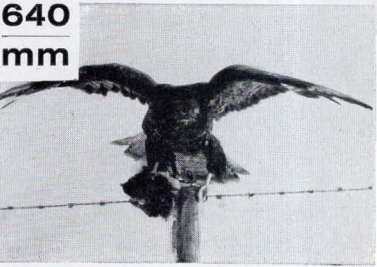


same as above, but with
Special Bellows BAL-U
instead of adapter "a"

same as above
(likewise focuses up to
infinity)

640
mm

640 mm Noflexar with
Pistol Grip PIGRIFF-B
camera adapter "a"
30 yards distance



same as above, but with
Special Bellows BAL-U
instead of adapter "a"

same as above
(likewise focuses up to
infinity)



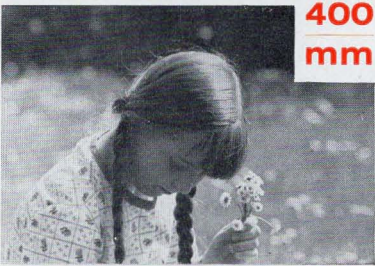
**280
mm**

280 mm Noflexar with
Pistol Grip PIGRIFF-B
camera adapter "a"
4 $\frac{1}{2}$ yards distance
focuses from 4 $\frac{1}{2}$ yards
to infinity



**280
mm**

same as above, but with
Special Bellows BAL-U
instead of adapter "a"
1 yard distance
focuses from 1 yard
to infinity
area: 2 $\frac{1}{2}$ \times 3 $\frac{1}{2}$ ins.



**400
mm**

400 mm Noflexar with
Pistol Grip PIGRIFF-B
camera adapter "a"
9 yards distance
focuses from 9 yards
to infinity



**400
mm**

same as above, but with
Special Bellows BAL-U
instead of adapter "a"
2 yards distance
focuses from 2 yards
to infinity
area: 3 $\frac{1}{6}$ \times 4 $\frac{3}{4}$ ins.



**640
mm**

640 mm Noflexar with
Pistol Grip PIGRIFF-B
camera adapter "a"
21 yards distance
focuses from 21 yards
to infinity



**640
mm**

same as above, but with
Special Bellows BAL-U
instead of adapter "a"
4 $\frac{1}{2}$ yards distance
focuses from 4 $\frac{1}{2}$ yards
to infinity
area: 5 $\frac{1}{2}$ \times 8 $\frac{1}{4}$ ins.

Black numbers: Comparison shots of a buzzard, all taken from the **same** distance (30 yards). Tele photography: Increase of the ratio of reproduction through **longer** focal length lenses.

Orange numbers: Comparison shots of pansies, all taken from the **closest** possible distance. Close-up photography: Increase of the ratio of reproduction through **shorter** focal length lenses.

Focusing up to infinity with 105, 135, 150, 240 mm lens heads and Follow Focus Bellows, with 280, 400, 640 mm Noflexar lens heads and Pistol Grip PIGRIFF-B, even when the Special Bellows BAL-U is added. (Reflex Housings, however, cannot be used at infinity with BAL-U.)



640 mm Follow Focus lens makes frame-filling action pictures possible at greater distances (press photography, wild life, ornithology etc.).

Front page photograph: Pistol Grip PIGRIFF-B

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