

THE ROSS XPRES LENS

F/2.9

THIS LENS is representative of the modern most ultra-rapid lenses now so popular for speed photography. Bearing the name of "Ross," it can be relied upon for its quality of definition and covering power even at open aperture, and its freedom from faults of all kinds.

With the Ross Xpres F/2.9 lens one can safely make the most rapid exposures on fast moving subjects, and even on dull days a fully exposed negative can easily be secured.

Photographers specially interested in Reflex, Focal Plane and Press Photography, Sporting Events, Indoor Portraiture, and similar work where speed with definition are essential, will find this lens invaluable.

PRICES

Equiv. Focus		Plate Covered		Inside Diameter of Flange		Price			Code Word	Code Word
				Iris Setting Size	Sunk Setting Size	Iris or Sunk Setting	Iris Setting	Sunk Setting		
mm.	in.	in.		in.	in.	£	s.	d.		
144	5 7/8	3 1/2 × 2 1/2	& 4 1/4 × 3 1/4	2 3/8	2 3/8	15	10	0	Zubal	Zubalk
165	6 1/2	4 1/4 × 3 1/4	& 5 × 4	2 3/4	3	17	10	0	Zucem	Zucomk
215	8 1/2	5 × 4	& 6 1/2 × 4 3/4	3 3/8	3 3/8	25	0	0	Zudin	Zudink
254	10	6 1/2 × 4 3/4		4 1/4	4 1/4	35	0	0	Zufop	Zufopk

Mounted in Focussing Settings.

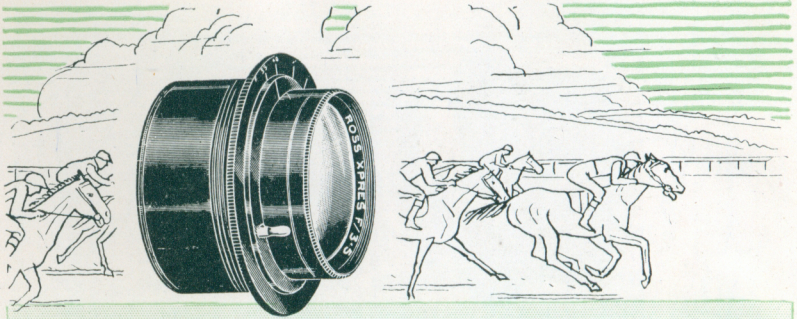
Equiv. Focus	Inside Diameter of Flange Size	Price in Focussing Mounts	Code Word Focussing Mounts
mm. in.	in.	£ s. d.	
144 5 7/8	2 3/8	18 0 0	Zubla
165 6 1/2	3 1/4	21 0 0	Zucme

In sunk settings for Reflex Cameras at same price as ordinary mounts.

The Special Focussing Mounts are for Hand Cameras of fixed extension.

They do not admit of between-lens Shutters.

Cost of pairing lenses for Stereoscopic work, 15/-.



THE ROSS XPRES LENS

F/3.5

THE F/3.5 series of the Ross Xpres Lens possesses all of the fine qualities which have made its predecessor, the F/4.5 lens, so well-known, with the added advantage of a considerably larger aperture. Its definition at open aperture will more than satisfy the most critical, whilst there is a complete absence of faults usual in lenses of so large an aperture. Another distinctive feature of this lens is its wide angle of view which is greater than that of other lenses of the same aperture and almost as large as that of the F/4.5 Xpres Lens.

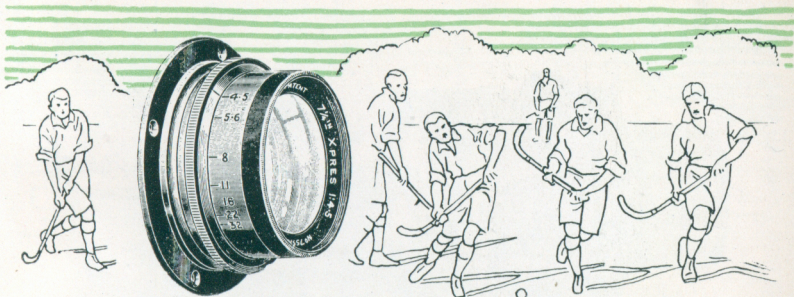
PRICES

Equiv. Focus		Plate Covered	Price in Iris or Sunk Setting			Code Word Iris Setting	Price in Focussing Mounts			Code Word Focussing Mounts
m/m	in.		£	s.	d.		£	s.	d.	
38	1½	1 × 1½	6	10	0	Zabse	7	12	6	Zebune
50	2	1 × 2	6	10	0	Zenar	7	12	6	Zecto
75	3	1½ × 1	7	10	0	Zecuno	8	12	6	Zoton
90	3½	2½ × 1½	8	0	0	Zecupa	9	10	0	Zotup
100	4	2½ × 1½	9	0	0	Zedan	11	0	0	Zedna
112	4½	3½ × 2½	10	0	0	Zefep	12	5	0	Zefpe
136	5½	4½ × 3½	11	10	0	Zegir	13	15	0	Zegsi
152	6	4½ × 3½	12	15	0	Zehos	15	5	0	Zehto
165	6½	5 × 4	14	0	0	Zejut				
184	7½	5½ × 3½	16	0	0	Zekav				
254	10	6½ × 4½	30	0	0	Zelew				

In sunk settings for Reflex Cameras at same price as ordinary mounts.
The Special Focussing Mounts are for Hand Cameras of fixed extension.

They do not admit of between-lens Shutters.

Cost of pairing lenses for Stereoscopic work, 15/-.



THE ROSS XPRES LENS

F/4.5

THE ROSS XPRES LENS with a full aperture of F/4.5 combines extreme speed with a quality of definition unequalled in lenses of the same aperture. Its critical definition at full aperture is maintained over the whole of the plate, and even after considerable enlargement no falling off in quality is visible. An enlargement from a negative taken with a Ross Xpres Lens may very often be mistaken for a direct contact print. Faults usually associated with other lenses of large aperture, such as Ghost, Flare and Coma, are totally absent.

PRICES

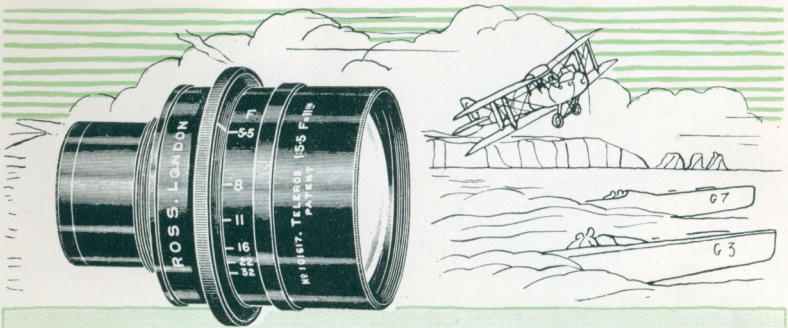
Equiv. Focus		Plate Covered	Price in Iris or Sunk Setting			Code Word Iris Setting	Price in Focussing Mounts			Code Word Focussing Mounts
m/m	in.		£	s.	d.		£	s.	d.	
75	3	2 $\frac{5}{16}$ × 1 $\frac{3}{4}$	6	5	0	Xasal				
90	3 $\frac{1}{2}$	3 $\frac{1}{4}$ × 2 $\frac{1}{4}$	6	5	0	Xama				
112	4 $\frac{1}{8}$	3 $\frac{1}{2}$ × 2 $\frac{1}{2}$	7	0	0	Xapel	8	15	0	
120	4 $\frac{1}{4}$	3 $\frac{1}{2}$ × 2 $\frac{1}{2}$	7	0	0	Xalas	8	15	0	
127	5	4 × 3	7	10	0	Xaqes				
136	5 $\frac{3}{8}$	4 $\frac{1}{4}$ × 3 $\frac{1}{4}$	7	10	0	Xeros	9	10	0	
140	5 $\frac{1}{2}$	4 $\frac{1}{4}$ × 3 $\frac{1}{4}$	7	10	0	Xemes	9	10	0	
152	6	5 × 4	8	10	0	Xines	10	15	0	
165	6 $\frac{1}{2}$	5 $\frac{1}{2}$ × 3 $\frac{1}{2}$	10	0	0	Xopos	12	5	0	
184	7 $\frac{1}{4}$	6 $\frac{1}{2}$ × 4 $\frac{1}{4}$	11	0	0	Xugus	13	10	0	
215	8 $\frac{1}{2}$	7 × 5	14	10	0	Xares				
254	10	8 × 5	20	0	0	Xesis				
305	12	8 $\frac{1}{2}$ × 6 $\frac{1}{2}$	29	0	0	Xitos				
420	16 $\frac{1}{2}$	10 × 8	50	0	0	Xovus				
533	21	12 × 10	75	0	0	Xuras				

In sunk settings for Reflex Cameras at same price as ordinary mounts.

The Special Focussing Mounts are for Hand Cameras of fixed extension.

They do not admit of between-lens Shutters.

Cost of pairing lenses for Stereoscopic work, 15/-.



THE ROSS TELEROS LENS

(Patent) F/5.5 Two Power

The finest fixed-focus telephoto Lens.

THE TELEROS LENS can definitely be claimed to be the finest lens of its type. Being extremely light in weight and having a comparatively small back lens, it is ideal for small hand-cameras of both Film and Plate type as well as for Reflex and Focal Plane cameras of all sizes.

The Teleros F/5.5 gives an image rather more than twice as large as that of an ordinary lens from the same view-point with perfect definition. Having a full aperture of F/5.5 it is perfect for all classes of high-speed photography and offers a complete solution to the Reflex worker, Press Photographer or user of small cameras, of photographing inaccessible subjects and those difficult to approach.

PRICES

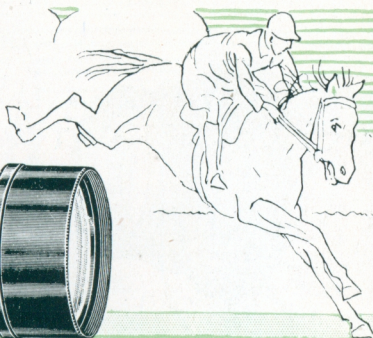
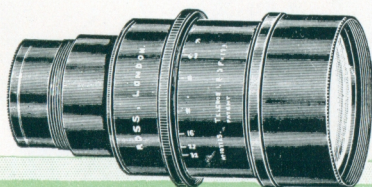
Equiv. Focus	Size Plate	Flange Inside dia.	Length Overall	Infinity Back Cell to Screen	Back Cell to Flange	Price in Iris Setting	Code Word
6½ in.	2 5/16 × 1 3/4	1 1/8 in.	1 15/16 in.	3 1/4 in.	1 in.	£ 10 0 0	Tilau
9 "	3 3/8 × 2 1/8	1 3/8 "	2 9/16 "	4 1/4 "	1 1/8 "	11 10 0	Tilba
11 "	4 1/4 × 3 1/4	1 7/8 "	3 1/8 "	5 1/8 "	1 3/8 "	14 0 0	Tilce
12 "	5 × 4	1 3/4 "	3 3/8 "	5 5/8 "	1 5/8 "	15 5 0	Tildi
13 "	5 1/2 × 3 1/2	2 "	3 5/8 "	6 5/8 "	1 7/8 "	16 15 0	Tilfo
17 "	6 1/2 × 4 3/4	2 1/4 "	4 3/4 "	8 "	2 1/8 "	27 10 0	Tilgu
22 "	8 1/2 × 6 1/2	3 "	6 1/2 "	10 "	2 1/2 "	47 0 0	Tilhe
40 "f/8	8 1/2 × 6 1/2	3 1/4 "	10 3/8 "	20 "	3 3/8 "	85 0 0	Tilji

Mounted in Focussing Settings.

Equiv. Focus	Price	Code Word
6½ in.	£ 12 10 0	Tilaus
9 "	14 0 0	Tilhas
11 "	17 10 0	Tiljes
12 "	18 15 0	Tilkis
13 "	20 5 0	Tillos

Teleros Lenses in Iris Settings with threaded back cells for screwing into Shutters.

Equiv. Focus	Compur Shutters
6½ in.	No. 00 & 0
9 "	" 0
11 "	" 1
12 "	" 1A
13 "	" 2 4/1
17 "	" 3 6/1



THE ROSS TELEROS LENS

(Patent) $f/6.3$ Three Power

THE introduction of this new Teleros Lens marks a great advance in the production of fixed focus telephoto lenses. Giving an image almost three times as large as that given by an ordinary lens from the same standpoint, it brings almost every subject, no matter how distant, within reach of an ordinary camera and that without extra camera extension.

To the Reflex worker, Pressman and Natural Life photographer it offers increased advantages on any other lens of its type, whilst the Architectural worker will be enabled to obtain a large image of many architectural bits hitherto beyond the reach of his lenses.

No lens of recent introduction can show such a marked effect on many branches of photography as will this really remarkable lens.

Having a sufficiently large aperture and giving most excellent definition, without stopping down, this lens can be used with every success for the fastest focal plane and speed photography.

All Photographers of Sporting Events, or Natural Life, should add the Three Power Teleros Lens to their outfits.

PRICES

Equi. Foc.	Plate Covered	Flange Inside Dia.	Length Over-all	Infinity Back Cell to Screen	Back Cell to Flange	Price in Iris Setting	Code Words	Shutters Suitable
ins.	ins.	ins.	ins.	ins.	ins.	£ s. d.		
9	$2\frac{1}{2} \times 1\frac{3}{4}$	$1\frac{1}{8}$	$3\frac{3}{16}$	$3\frac{3}{16}$	$\frac{1}{8}$	11 10 0	Triras	1 Compur
13	$3\frac{1}{2} \times 2\frac{1}{2}$	$1\frac{3}{8}$	$4\frac{1}{8}$	$4\frac{1}{8}$	$\frac{1}{8}$	14 10 0	Triret	2/5 " "
17	$4\frac{1}{4} \times 3\frac{1}{2}$	2	$5\frac{1}{8}$	$6\frac{1}{16}$	$1\frac{1}{16}$	22 0 0	Tririu	4 compound
25	$6\frac{1}{2} \times 4\frac{1}{2}$	$2\frac{3}{8}$	$8\frac{1}{2}$	$8\frac{1}{8}$	$1\frac{1}{8}$	47 0 0	Trirov	5 " "

Prices in focussing settings on application.



THE ROSS HOMOCENTRIC LENS

F/6.3

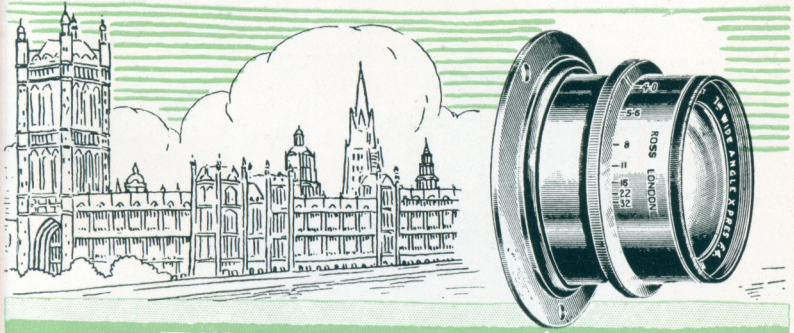
THE HOMOCENTRIC LENS is an excellent anastigmat suitable for all branches of photography. It gives perfect definition and covering power at full aperture, and is so well corrected that, even when the pictures are enlarged many diameters, the effect of the various aberrations, which exist to a certain extent in all lenses, is undetectable. In addition to its high quality, the F/6.3 Homocentric Lens offers a choice of foci, the single components giving very good results with a medium stop.

PRICES

Equiv. Focus.		Plate Covered		Price in Iris Setting			Code Word
m/m	ins.	Full Aperture	Medium Stops	£	s.	d.	
127	5	4½ × 3½	5 × 4	5	10	0	Heath
140	5½	4¾ × 3¾	6 × 5	5	15	0	Hebra
152	6	5 × 4	6½ × 4¾	6	2	6	Hector
165	6½	5½ × 3¾	7 × 5	6	12	6	Hecat
178	7	6½ × 4¾	7½ × 5	7	2	6	Hedon
218	8½	7½ × 5	8½ × 6½	9	2	6	Heeg
254	10	8½ × 6½	10 × 8	12	15	0	Hefra
305	12	10 × 8	12 × 10	18	15	0	Hegron
380	15	12 × 10	15 × 12	26	5	0	Hehlor

Special Focussing Mounts, provided with Iris Diaphragms, are supplied at a small extra cost for use with Cameras of fixed extension. These special mounts do not admit of between-lens shutters.

Cost of pairing two Lenses for Stereoscopic Work, 15/-.



THE ROSS F/4 WIDE ANGLE XPRES LENS

THIS new series, although designed for special aerial surveying, is eminently suitable also for all classes of work where critical definition together with large aperture and great covering power are required.

Prior to its introduction it was not possible to obtain a lens which in any way approached the results required for this peculiarly difficult class of work.

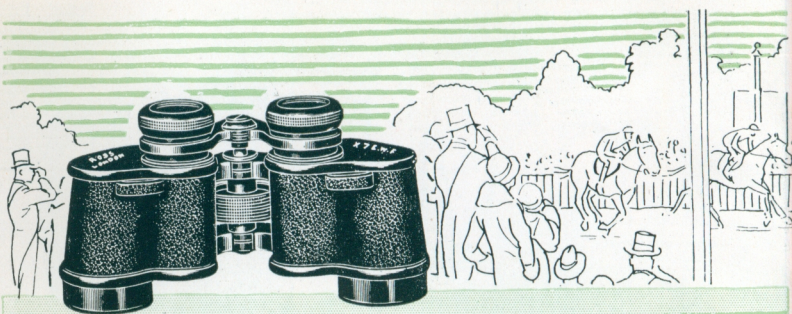
One of the essential conditions imposed is complete freedom from distortion, and by exhaustive research this defect has been completely eliminated.

The angle embraced by this lens is 80° and the definition is maintained from centre to margin at full aperture F/4.0.

The discriminating worker has hitherto experienced great difficulty, through lack of aperture, in securing Wide Angle interiors, etc., and we have the utmost confidence in recommending the F/4.0 Wide Angle Xpres as the finest lens obtainable for all photography where such exacting conditions are required.

PRICES

Equiv. Focus	Plate Covered at Full Aperture	Price	Code Word. Iris Setting	Code Word. In Special Mounts with Long Screw threads and Clamping Flanges
ins. 7	ins. 7 × 7 or 8 × 5	£ s. d. 21 0 0	Wais	Wauf
8½	9 × 7	24 10 0	Wals	Walaf
10	10 × 8	33 0 0	Wams	Wamaf
12	12 × 10	46 0 0	Waps	Wapaf
14	15 × 12	67 0 0	Wars	Waraf
20	22 × 18	125 0 0	Wass	Wasaf



THE ROSS NEW $\times 7$ SCREW FOCUSING EXTRA WIDE FIELD BINOCULARS

THE great success of our $\times 6$, $\times 9$ and $\times 12$ Extra Wide Field Binoculars, with eyepiece focussing adjustment, has induced us to manufacture an extra wide field glass of medium magnification, with screw focussing adjustment, to meet the requirements of those who prefer this method of focussing.

This series of Extra Wide Field Binoculars has been produced by means of special prisms and a new type of eyepiece. They give a much wider field of view than other glasses of similar magnification, and great light transmitting power, most valuable assets under the bad lighting conditions usual in this country. They enable one to observe a much larger area, to locate and follow objects with the greatest ease.

Magnification ..	7 diameters	Stereoscopic Power	14
Effective diameter of object glasses	30 m/m	Light Transmitting Power ..	$18\frac{1}{2}$
Real field of view	$9^{\circ}4$	Weight	24 ozs.
Linear per 1,000	166 yds.	Price in brown leather sling case	£15 15s. 0d.
	Code Word "Stepnada."		