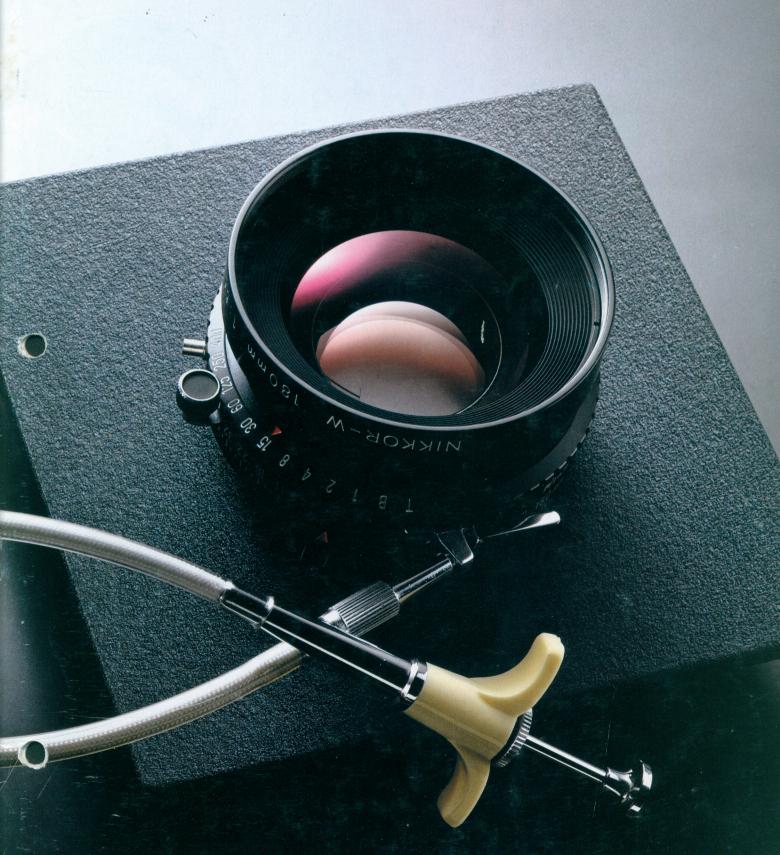
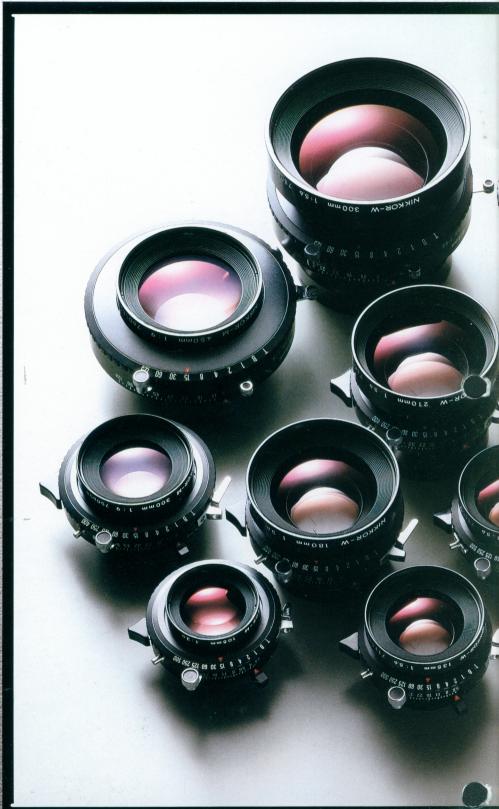
Mikkor Lenses for Large-Format Cameras





Wider Selection-S



me Nikkor Quality



Nikkor lenses for large-format cameras are available in 15 types with focal lengths extending from 65mm to 450mm. They include the bright SW Series for wide covering power, the versatile W Series, and the M Series for standard coverage. Each lens is strictly corrected for distortion, curvature of field and chromatic aberration, and is given an exclusive Nikon Integrated Coating (NIC) to eliminate flare and ghosting. The result is clear, high-contrast images and enhanced color reproduction.

Series

Nikkor-M Series

The M series has standard covering power. The 300mm F9 and 450mm F9 employ the same optical system used in the Apo-Nikkor, a lens which meets the stringent standards of reproduction and photoengraving applications. Chromatic aberrations are corrected for the entire visible portion of the spectrum, and faithful reproduction of subtle variations in color are assured. Resolution, of course, is high, and aberrations have been corrected.



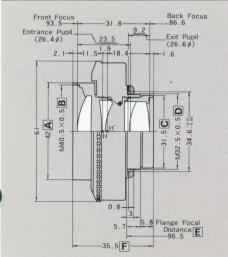
105mm F 3.5 300 mm F 9

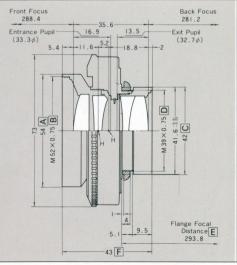


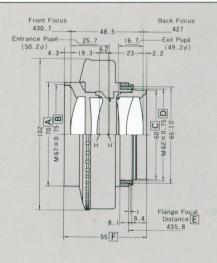




Nikkor-M 105 _{mm} F 3.5		Nikkor-M 300 _{mm} F 9		Nikkor-M 450 _{mm} F 9	
Focal length	105mm	Focal length	300mm	Focal length	450mm
Maximum aperture ratio	1:3.5	Maximum aperture ratio	1:9	Maximum aperture ratio	1:9
Minimum aperture	f/45	Minimum aperture	f/128	Minimum aperture	f/128
Lens construction	4 elements in 3 groups	Lens construction	4 elements in 3 groups	Lens construction	4 elements in 3 groups
Covering power (f/3.5)	51°	Covering power (f/9)	55°	Covering power (f/9)	50°
Covering power (f/22)	55°	Covering power (f/22)	57°	Covering power (f/22)	52°
Image circle (f/3.5)	100mmφ	Image circle (f/9)	312mmφ	Image circle (f/9)	420mmφ
Image circle (f/22) 110r	mmφ (60mm×90mm)	Image circle (f/22)	325mmφ (8'' x 10'')	Image circle (f/22)	440mmφ (10" x 12")
Shutter	No. 0 (Copal [®] *)	Shutter	No. 1 (Copal®*)	Shutter	No. 3 (Copal [®] *)
Shutter speed	1-1/500 sec., T,B	Shutter speed	1-1/400 sec., T, B	Shutter speed	1-1/125 sec., T, B
Sync socket	X-contact	Sync socket	X-contact	Sync socket	X-contact
Front mount size A	42mmφ	Front mount size A	54mmφ	Front mount size A	70mmφ
Attachment size B	40.5mm ϕ × 0.5mm(P)	Attachment size B	52mmφ×0.75mm(P)	Attachment size B	$67\text{mm}\phi \times 0.75\text{mm}(P)$
Rear mount size C	31.5mm <i>ø</i>	Rear mount size C	42mmφ	Rear mount size C	60mmφ
Flange attachment size D 3	32.5mm ϕ x 0.5mm(P)	Flange attachment size D	39mmφ×0.75mm(P)	Flange attachment size D	62mmφ×0.75mm(P)
Flange focal distance E	96.5mm	Flange focal distance E	293.8mm	Flange focal distance E	435.8mm
Overall length F	35.5mm	Overall length F	43mm	Overall length F	55mm
Weight	170g	Weight	290g	Weight	640g







^{*}Designed exclusively for Nikon. "Copal" is the registered trademark of Copal Co., Ltd., Tokyo, Japan.

Nikkor-SW SeriesWide covering power and wide image circle characterize these new Nikkor lenses for large format cameras in the SW series. Maximum apertures of f/4 and f/4.5 mean that focusing is bright and easy, and covering power can be further extended (up to $105 \sim 106^\circ$) by stopping the lens down. Like all Nikkors, each lens in the series exhibits high contrast, reduced flare, and excellent color rendition, thanks to Nikon Integrated Coating. Each lens also delivers high resolution, and aberrations have been

strictly controlled.

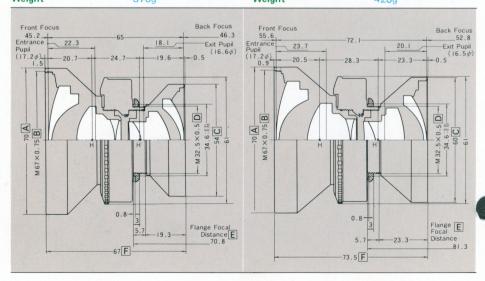
65_{mm F} 4



75_{mm} F 4.5



Nikkor-5W 65 _{mm} F 4		Nikkor-SW 75 _{mm F} 4.	5
Focal length	65mm	Focal length	75mm
Maximum aperture ratio	1:4	Maximum aperture ratio	1:4.5
Minimum aperture	f/45	Minimum aperture	f/45
Lens construction	7 elements in 4 groups	Lens construction	7 elements in 4 groups
Covering power (f/4)	80°	Covering power (f/4.5)	80°
Covering power (f/16)	105°	Covering power (f/16)	106°
Image circle (f/4)	110mm <i>φ</i>	Image circle (f/4.5)	126mmφ = 1
Image circle (f/16)	170mmφ (4'' × 5'')	Image circle (f/16) 200m	mφ (120mm ×165mm)
Shutter	No. 0 (Copal®*)	Shutter	No. 0 (Copal®*)
Shutter speed	1-1/500 sec., T, B	Shutter speed	1-1/500 sec., T, B
Sync socket	X-contact	Sync socket	X-contact
Front mount size A	70mm <i>φ</i>	Front mount size A	70mmφ
Attachment size B	$67\text{mm}\phi \times 0.75\text{mm}$ (P)	Attachment size B	67mmφx0.75mm(P)
Rear mount size C	54mm <i>\phi</i>	Rear mount size C	60mm <i>φ</i>
Flange attachment size D	32.5mm ϕ x0.5mm(P)	Flange attachment size D	32.5mmφx0.5mm(P)
Flange focal distance E	70.8mm	Flange focal distance E	81.3mm
Overall length F	67mm	Overall length F	73.5mm
Weight	370g	Weight	420g



90_{mm F} 4.5

90_{mm} F8

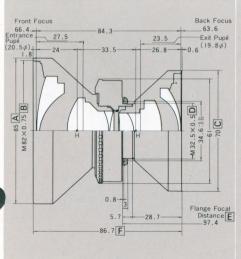
120_{mm} F8

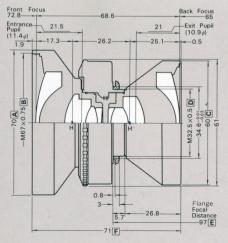


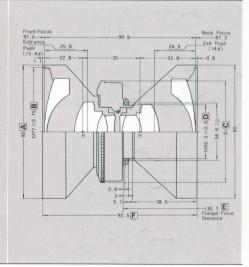




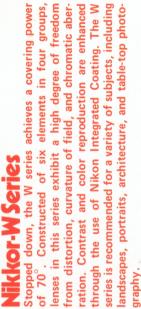
Maximum aperture ratio1:4.5Maximum aperture ratio1:8Maximum aperture ratio1:8Minimum aperturef/64Minimum aperturef/64Minimum aperturef/64Lens construction7 elements in 4 groupsLens construction8 elements in 4 groupsLens construction8 elements in 4 groupsCovering power (f/4.5)80°Covering power (f/8)80°Covering power (f/8)80°Covering power (f/16)105°Covering power (f/22)105°Covering power (f/22)105°Image circle (f/4.5)154mmφImage circle (f/8)154mmφImage circle (f/8)200mmφImage circle (f/16)235mmφ (5" x 7")Image circle (f/22)235mmφ (5" x 7")Image circle (f/22)312mmφ (8" x 10")ShutterNo. 0 (Copal®*)ShutterNo. 0 (Copal®*)ShutterNo. 0 (Copal®*)Shutter speed1-1/500 sec., T, BShutter speed1-1/500 sec., T, BShutter speed1-1/500 sec., T, BSync socketX-contactX-contactX-contactX-contactX-contactFront mount size A85mmφFront mount size A70mmφFront mount size A80mmφAttachment size B82mmφx0.75mm(P)Attachment size B67mmφx0.75mm(P)Attachment size B77mmφx0.75mm(P)Rear mount size C70mmφRear mount size C60mmφRear mount size C80mmφFlange attachment size D32.5mmφx0.5mm(P)Flange attachment size D32.5mmφx0.5mm(P)Flange focal distance E97.0mmFlange focal	Nikkor-SW 90 _{mm F} 4	.5	Nikkor-SW 90 _{mm} F8		Nikkor-SW 120 _{mm} F	3
Minimum aperturef/64Minimum aperturef/64Minimum aperturef/64Lens construction7 elements in 4 groupsLens construction8 elements in 4 groupsLens construction8 elements in 4 groupsCovering power (f/4.5)80°Covering power (f/8)80°Covering power (f/8)80°Covering power (f/16)105°Covering power (f/22)105°Covering power (f/22)105°Image circle (f/4.5)154mmφImage circle (f/8)154mmφImage circle (f/8)200mmφImage circle (f/16)235mmφ (5" x 7")Image circle (f/22)235mmφ (5" x 7")Image circle (f/22)312mmφ (8" x 10")ShutterNo. 0 (Copal®*)ShutterNo. 0 (Copal®*)ShutterNo. 0 (Copal®*)ShutterNo. 0 (Copal®*)Shutter speed1-1/500 sec., T, BShutter speed1-1/500 sec., T, BShutter speed1-4/500 sec., T, BSync socketX-contactX-contactX-contactX-contactX-contactFront mount size A85mmφFront mount size A70mmφFront mount size A80mmφAttachment size B82mmφx0.75mm(P)Attachment size B67mmφx0.75mm(P)Attachment size C80mmφRear mount size C70mmφRear mount size C80mmφFlange attachment size D32.5mmφx0.5mm(P)Flange attachment size D32.5mmφx0.5mm(P)Flange focal distance E97.0mmFlange focal distance E130,7mmOverall length F86.7mmOverall length F71mmOverall length F92	Focal length	90mm	Focal length	90mm	Focal length	120mm
Lens construction 7 elements in 4 groups Lens construction 8 elements in 4 groups Covering power (f/4.5) 80° Covering power (f/8) 80° Covering power (f/6) 105° Covering power (f/16) 105° Covering power (f/12) 105° Covering power (f/12) 105° Covering power (f/12) 105° Covering power (f/18) 105° Covering power (f/18) 800mmφ (f/12) 105° Covering power (f/12) 105° Covering power (f/12) 105° Covering power (f/18) 800mmφ (f/12) 105° Covering power (f/12) 105° Covering power (f/18) 800mmφ (f/12) 105° Covering power (f/12) 105° Covering	Maximum aperture ratio	1:4.5	Maximum aperture ratio	1:8	Maximum aperture ratio	1:8
Covering power (f/4.5) 80° Covering power (f/8) 80° Covering power (f/8) 80° Covering power (f/16) 105° Covering power (f/22) 105° Covering power (f/22) 105° Image circle (f/4.5) 154mmφ Image circle (f/8) 154mmφ Image circle (f/8) 200mmφ Image circle (f/16) 235mmφ (5" x 7") Image circle (f/22) 235mmφ (5" x 7") Image circle (f/22) 312mmφ (8" x 10") Shutter No. 0 (Copal®*) Shutter No. 0 (Copal®*) Shutter No. 0 (Copal®*) Shutter speed 1-1/500 sec., T, B Shutter speed 5ync socket X-contact	Minimum aperture	f/64	Minimum aperture	f/64	Minimum aperture	f/64
Covering power (f/16) 105° Covering power (f/22) 105° Covering power (f/22) 105° Image circle (f/4.5) 154mmφ Image circle (f/8) 154mmφ Image circle (f/8) 200mmφ Image circle (f/16) 235mmφ (5" x 7") Image circle (f/22) 235mmφ (5" x 7") Image circle (f/22) 312mmφ (8" x 10") Shutter No. 0 (Copal®*) Shutter No. 0 (Copal®*) Shutter No. 0 (Copal®*) Shutter speed 1-1/500 sec., T, B Shutter speed 1-1/500 sec., T, B Shutter speed 1-1/500 sec., T, B Sync socket X-contact Sync socket X-contact Sync socket X-contact Front mount size A 85mmφ Front mount size A 70mmφ Front mount size A 82mmφx0.75mm(P) Attachment size B 67mmφx0.75mm(P) Attachment size B 77mmφx0.75mm(P) Rear mount size C 70mmφ Rear mount size C 60mmφ Rear mount size C 80mmφ Flange attachment size D 32.5mmφx0.5mm(P) Flange attachment size D 32.5mmφx0.5mm(P) Flange focal distance E 97.4mm Flange focal distance E 97.0mm Flange focal distance E 130.7mm Overall length F 71mm Overall length F 92.5mm	Lens construction	7 elements in 4 groups	Lens construction	8 elements in 4 groups	Lens construction	8 elements in 4 groups
Image circle (f/4.5)154mmφImage circle (f/8)154mmφImage circle (f/8)200mmφImage circle (f/16)235mmφ (5" × 7")Image circle (f/22)235mmφ (5" × 7")Image circle (f/22)312mmφ (8" × 10")ShutterNo. 0 (Copal®*)ShutterNo. 0 (Copal®*)ShutterNo. 0 (Copal®*)Shutter speed1-1/500 sec., T, BShutter speed1-1/500 sec., T, BShutter speed1-1/500 sec., T, BSync socketX-contactX-contactSync socketX-contactFront mount size A85mmφFront mount size A70mmφFront mount size A80mmφAttachment size B82mmφx0.75mm(P)Attachment size B67mmφx0.75mm(P)Attachment size B77mmφx0.75mm(P)Rear mount size C70mmφRear mount size C60mmφRear mount size C80mmφFlange attachment size D32.5mmφx0.5mm(P)Flange attachment size D32.5mmφx0.5mm(P)Flange focal distance E97.4mmFlange focal distance E97.0mmFlange focal distance E130.7mmOverall length F86.7mmOverall length F71mmOverall length F92.5mm	Covering power (f/4.5)	80°	Covering power (f/8)	80°	Covering power (f/8)	80°
Image circle (f/16)235mmφ (5" x 7")Image circle (f/22)235mmφ (5" x 7")Image circle (f/22)312mmφ (8" x 10")ShutterNo. 0 (Copal®*)ShutterNo. 0 (Copal®*)ShutterNo. 0 (Copal®*)Shutter speed1-1/500 sec., T, BShutter speed1-1/500 sec., T, BShutter speed1-1/500 sec., T, BSync socketX-contactX-contactSync socketX-contactFront mount size A85mmφFront mount size A70mmφFront mount size A80mmφAttachment size B82mmφx0.75mm(P)Attachment size B67mmφx0.75mm(P)Attachment size B77mmφx0.75mm(P)Rear mount size C70mmφRear mount size C60mmφRear mount size C80mmφFlange attachment size D32.5mmφx0.5mm(P)Flange attachment size D32.5mmφx0.5mm(P)Flange focal distance E97.4mmFlange focal distance E97.0mmFlange focal distance E130,7mmOverall length F86.7mmOverall length F71mmOverall length F92.5mm	Covering power (f/16)	105°	Covering power (f/22)	105°	Covering power (f/22)	105°
ShutterNo. 0 (Copal®*)ShutterNo. 0 (Copal®*)ShutterNo. 0 (Copal®*)Shutter speed1-1/500 sec., T, BShutter speed1-1/500 sec., T, BShutter speed1-1/500 sec., T, BSync socketX-contactX-contactX-contactX-contactX-contactFront mount size A85mmφFront mount size A70mmφFront mount size A80mmφAttachment size B82mmφx0.75mm(P)Attachment size B67mmφx0.75mm(P)Attachment size B77mmφx0.75mm(P)Rear mount size C70mmφRear mount size C60mmφRear mount size C80mmφFlange attachment size D32.5mmφx0.5mm(P)Flange attachment size D32.5mmφx0.5mm(P)Flange focal distance E97.4mmFlange focal distance E97.0mmFlange focal distance E130.7mmOverall length F86.7mmOverall length F71mmOverall length F92.5mm	Image circle (f/4.5)	154mmφ	Image circle (f/8)	154mmφ ==	Image circle (f/8)	200mmφ
Shutter speed 1-1/500 sec., T, B Shutter speed 1-1/500 sec., T, B Shutter speed 1-1/500 sec., T, B Sync socket X-contact Sync socket X-contact Sync socket X-contact Front mount size A 85mm Front mount size A 70mm Front mount size B 82mm px 0.75mm (P) Attachment size B 67mm px 0.75mm (P) Attachment size B 77mm px 0.75mm (P) Rear mount size C 70mm Rear mount size C 60mm Rear mount size C 80mm p Flange attachment size D 32.5mm px 0.5mm (P) Flange attachment size D 32.5mm px 0.5mm (P) Flange focal distance E 97.4mm Flange focal distance E 97.0mm Flange focal distance E 130.7mm Overall length F 86.7mm Overall length F 71mm Overall length F 92.5mm	Image circle (f/16)	235mmφ (5" x 7")	Image circle (f/22)	235mmφ (5" x 7")	Image circle (f/22)	312mmφ (8" × 10")
Sync socketX-contactSync socketX-contactSync socketX-contactFront mount size A85mmφFront mount size A70mmφFront mount size A80mmφAttachment size B82mmφx0.75mm(P)Attachment size B67mmφx0.75mm(P)Attachment size B77mmφx0.75mm(P)Rear mount size C70mmφRear mount size C60mmφRear mount size C80mmφFlange attachment size D32.5mmφx0.5mm(P)Flange attachment size D32.5mmφx0.5mm(P)Flange focal distance E97.4mmFlange focal distance E97.0mmFlange focal distance E130.7mmOverall length F86.7mmOverall length F71mmOverall length F92.5mm	Shutter	No. 0 (Copal®*)	Shutter	No. 0 (Copal®*)	Shutter	No. 0 (Copal®*)
Front mount size A 85mm\$\phi\$ Front mount size A 70mm\$\phi\$ Front mount size A 80mm\$\phi\$ Attachment size B 82mm\$\phi\$\times 0.75mm(P) Attachment size B 67mm\$\phi\$\times 0.75mm(P) Attachment size B 77mm\$\phi\$\times 0.75mm(P) Rear mount size C 70mm\$\phi\$ Rear mount size C 60mm\$\phi\$ Rear mount size C 80mm\$\phi\$ Flange attachment size D 32.5mm\$\phi\$\times 0.5mm(P) Flange attachment size D 32.5mm\$\phi\$\times 0.5mm(P) Flange focal distance E 97.4mm Flange focal distance E 97.0mm Flange focal distance E 130.7mm Overall length F 86.7mm Overall length F 71mm Overall length F 92.5mm	Shutter speed	1-1/500 sec., T, B	Shutter speed	1-1/500 sec., T, B	Shutter speed	1-1/500 sec., T, B
Attachment size B82mmφx0.75mm(P)Attachment size B67mmφx0.75mm(P)Attachment size B77mmφx0.75mm(P)Rear mount size C70mmφRear mount size C60mmφRear mount size C80mmφFlange attachment size D32.5mmφx0.5mm(P)Flange attachment size D32.5mmφx0.5mm(P)Flange attachment size D32.5mmφx0.5mm(P)Flange focal distance E97.4mmFlange focal distance E97.0mmFlange focal distance E130.7mmOverall length F86.7mmOverall length F71mmOverall length F92.5mm	Sync socket	X-contact	Sync socket	X-contact	Sync socket	X-contact
Rear mount size C70mmφRear mount size C60mmφRear mount size C80mmφFlange attachment size D32.5mmφx0.5mm(P)Flange attachment size D32.5mmφx0.5mm(P)Flange attachment size D32.5mmφx0.5mm(P)Flange focal distance E97.4mmFlange focal distance E97.0mmFlange focal distance E130.7mmOverall length F86.7mmOverall length F71mmOverall length F92.5mm	Front mount size A	85mmφ	Front mount size A	70mmφ	Front mount size A	80mm <i>φ</i>
Flange attachment size	Attachment size B	82mmφx0.75mm(P)	Attachment size B	67mmφx0.75mm(P)	Attachment size B	77mmφx0.75mm(P)
Flange focal distance E 97.4mm Flange focal distance E 97.0mm Flange focal distance E 130.7mm Overall length F 71mm Overall length F 92.5mm	Rear mount size C	70mm <i>φ</i>	Rear mount size C	60mmφ	Rear mount size C	80mmφ
Overall length F 86.7mm Overall length F 71mm Overall length F 92.5mm	Flange attachment size D	32.5mm ϕ x0.5mm(P)	Flange attachment size D	32.5mm ϕ x0.5mm(P)	Flange attachment size D	32.5mm ϕ ×0.5mm(P)
	Flange focal distance E	97.4mm	Flange focal distance E	97.0mm	Flange focal distance E	130.7mm
Weight 600g Weight 360g Weight 610g	Overall length F	86.7mm	Overall length F	71mm	Overall length F	92.5mm
	Weight	600g	Weight	360g	Weight	610g







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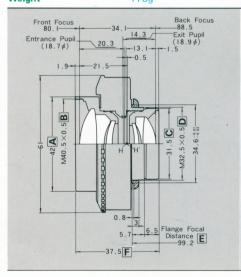


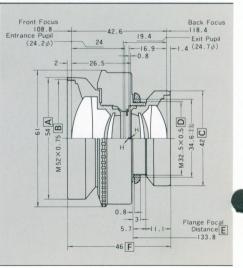






Nikkor-W 100 _{mm F} 5	.6	Nikkor-W135 _{mm F} 5.6	
Focal length	100mm	Focal length	135mm
Maximum aperture ratio	1:5.6	Maximum aperture ratio	1:5.6
Minimum aperture	f/45	Minimum aperture	f/64
Lens construction	6 elements in 4 groups	Lens construction	6 elements in 4 groups
Covering power (f/5.6)	60°	Covering power (f/5.6)	60°
Covering power (f/22)	74°	Covering power (f/22)	73°
Image circle (f/5.6)	117mmφ	Image circle (f/5.6)	156mmφ
Image circle (f/22)	153mmφ (4'' × 5'')	Image circle (f/22) 200m	mφ (120mm x 165mm
Shutter	No. 0 (Copal®*)	Shutter	No. 0 (Copal [®] *)
Shutter speed	1-1/500 sec., T, B	Shutter speed	1-1/500 sec., T, B
Sync socket	X-contact	Sync socket	X-contact
Front mount size A	42mmφ	Front mount size A	54mm <i>φ</i>
Attachment size B	40.5mmφ×0.5mm (P)	Attachment size B	52mmφ×0.75mm (P)
Rear mount size C	31.5mm ϕ	Rear mount size C	42mmφ
Flange attachment size D] 32.5mm ϕ x 0.5mm (P)	Flange attachment size D] 32.5mmø× 0.5mm (P
Flange focal distance E	99.2mm	Flange focal distance E	133.8mm
Overall length F	37.5mm	Overall length F	46mm
Weight	170g	Weight	200g





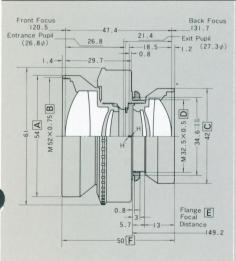


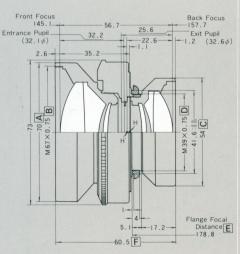


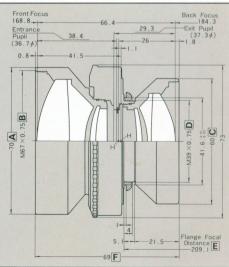


9

Nikkor-W 150 mm F 5.	6	Nikkor-W 180 mm F 5.0	5	Nikkor-W 210 _{mm} F 5.0	5
Focal length	150mm	Focal length	180mm	Focal length	210mm
Maximum aperture ratio	1:5.6	Maximum aperture ratio	1:5.6	Maximum aperture ratio	1:5.6
Minimum aperture	f/64	Minimum aperture	f/64	Minimum aperture	f/64
Lens construction	6 elements in 4 groups	Lens construction	6 elements in 4 groups	Lens construction	6 elements in 4 groups
Covering power (f/5.6)	60°	Covering power (f/5.6)	60°	Covering power (f/5.6)	60°
Covering power (f/22)	70°	Covering power (f/22)	70°	Covering power (f/22)	70°
Image circle (f/5.6)	174mmφ	Image circle (f/5.6)	208mmφ =	Image circle (f/5.6)	243mmφ
Image circle (f/22)	210mmφ (5" x 7")	Image circle (f/22)	253mmφ (5" x 7")	Image circle (f/22)	-295mmφ (6½''×8½'')
Shutter	No. 0 (Copal®*)	Shutter	No. 1 (Copal [®] *)	Shutter	No. 1 (Copal [®] *)
Shutter speed	1-1/500 sec., T, B	Shutter speed	1-1/400 sec., T, B	Shutter speed	1-1/400 sec., T, B
Sync socket	X-contact	Sync socket	X-contact	Sync socket	X-contact
Front mount size A	54mmφ	Front mount size A	70mmφ	Front mount size A	70mm <i>\phi</i>
Attachment size B	52mmφ×0.75mm (P)	Attachment size B	67mmφ×0.75mm (P)	Attachment size B	67mmφx0.75mm (P)
Rear mount size C	42mmφ	Rear mount size C	54mmφ	Rear mount size C	60mm <i>\phi</i>
Flange attachment size D]32.5mm ϕ x 0.5mm (P)	Flange attachment size D	39mm ϕ x 0.75mm (P)	Flange attachment size D]39mmφ×0.75mm (P)
Flange focal distance E	149.2mm	Flange focal distance E	178.8mm	Flange focal distance E	209.1mm
Overall length F	50mm	Overall length F	60.5mm	Overall length F	69mm
Weight	230g	Weight	380g -	Weight	460g
				Front Focus	Back Focus







^{*}Designed exclusively for Nikon. "Copal" is the registered trademark of Copal Co., Ltd., Tokyo, Japan.

240_{mm} F 5.6 300_{mm} F 5.6





Nikkor-W 240 mm F 5.6 Nikkor-W 300 mm F 5.6 Focal length 240mm 300mm Focal length Maximum aperture ratio 1:5.6 Maximum aperture ratio 1:5.6 f/64 Minimum aperture f/64 Minimum aperture Lens construction 6 elements in 4 groups Lens construction 6 elements in 4 groups Covering power (f/5.6) 60° Covering power (f/5.6) 60° 70° Covering power (f/22) 70° Covering power (f/22) Image circle (f/5.6) 278mmφ Image circle (f/5.6) 346mmø Image circle (f/22) 336mmφ (8" x 10") Image circle (f/22) 420mmφ (10"×12") Shutter No. 3 (Copal®*) Shutter No. 3 (Copal®*) Shutter speed 1-1/125 sec., T, B Shutter speed 1-1/125 sec., T, B Sync socket X-contact Sync socket X-contact Front mount size A Front mount size A $85 \text{mm} \phi$ 100mm ϕ Attachment size B $82mm\phi \times 0.75mm(P)$ Attachment size B $95\text{mm}\phi \times 1\text{mm}(P)$ Rear mount size C 60mmφ Rear mount size C 80mmø Flange attachment size D 62mm $\phi \times 0.75$ mm(P) Flange attachment size D $62mm\phi \times 0.75mm(P)$ Flange focal distance E 227.3mm Flange focal distance E 287.1mm Overall length F 77mm Overall length F 94.5mm Weight Weight 820g 1250g

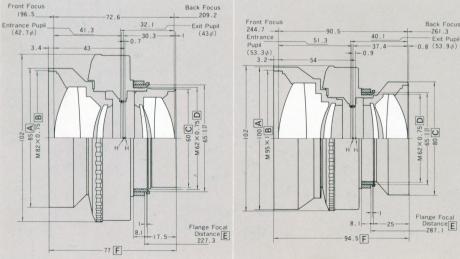


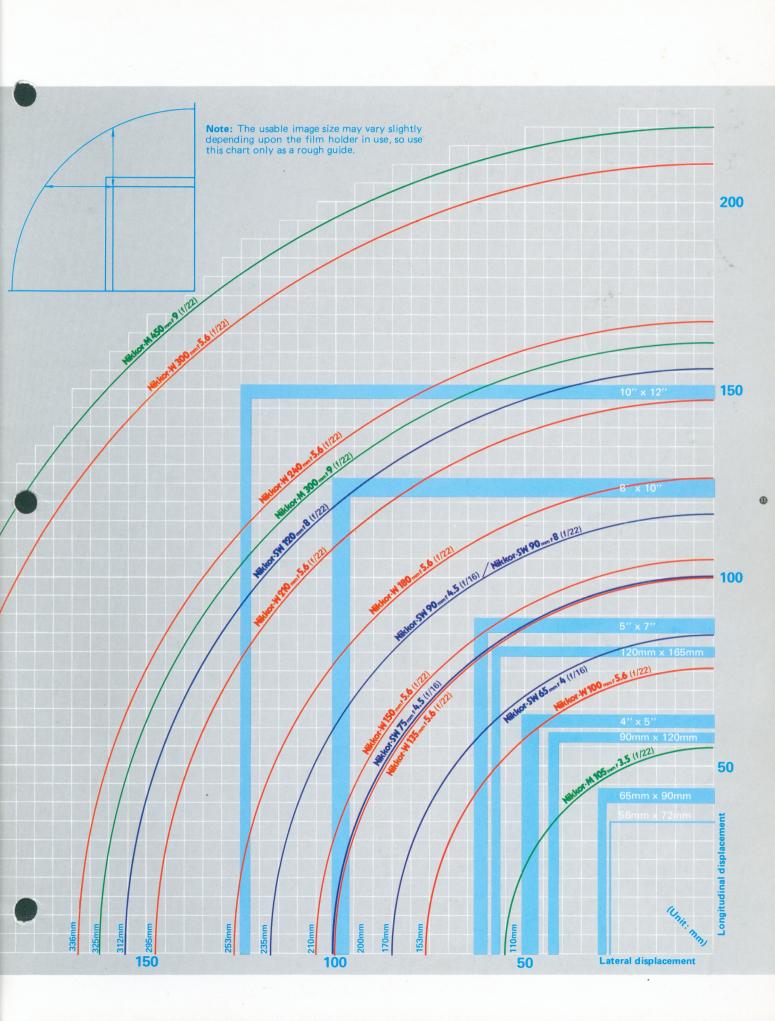
Image Circle Chart

The chart to the right shows an arc of the image circle projected by each Nikkor lens when it is stopped down to the specified f-stop. The rectangular boxes indicate the film formats: the outer frame representing the designated format size, and the inner frame a usable image size for that format. By comparing the image size rectangles with the image circles of the lenses it is possible to see whether a given lens will fully cover a given film format and how much displacement is possible (longitudinal or lateral in one direciton).

This life-size chart represents one quarter portion of the complete projection. Find the amount of displacement by reading the scale on the chart or by actually measuring the distance using a ruler.



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The lenses shown in this brochure represent the latest available at the time of printing. Designs and specifications are subject to change without notice.





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