

PENTAX lens

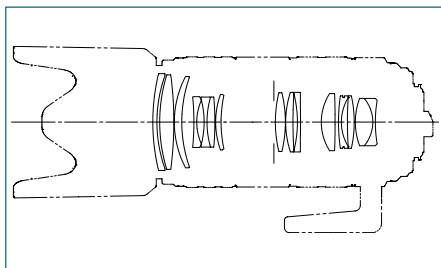
smc PENTAX DA*

Code no.	21750
Barcode	0027075141247

60–250mm f/4.0 ED [IF] SDM



- > 60–250mm focal length (approx. 90–380mm in 35mm format)
- > Constant aperture: simplifies handling with manual or Shutter Priority photography
- > SDM focusing: fast and silent with Ultrasonic Technology
- > Quick Shift Focus System: fast manual focus correction
- > 2 high quality ED lens elements for brilliant image quality
- > Inner focusing
- > Unique nonlinear shifting system reduces field curvature aberrations
- > Sealed against water and dirt
- > Dirt-repelling SP coating on front lens element



Standard Accessories

Front lens cap O-LC67	Code no. 31521
Rear lens cap	Code no. 31006
Lens hood PH-RBK67	Code no. 38754
Soft bag 120-210	Code no. 37751



This 4.2x zoom is something that no demanding photographer should miss. With a universal focal length range of approx. 90–380mm (35mm format) and a constant f/4.0 aperture the smc PENTAX DA* 60–250mm is truly outstanding in a range of applications, such as portraiture, sport or landscape photography. Other high-end details like seals against dust and humidity and inner focusing underline the suitability for challenging outdoor use. A speedy and silent Ultrasonic Motor easily handles the focusing demands. This new lens is also compatible with cameras without SDM technology.

Lens	smc PENTAX-DA* 60–250 mm f/4.0 ED [IF] SDM
Lens mount	PENTAX K _{AF3} -Bayonet metal
Autofocus	26.5–6.5°
Angle of view	15 elements/13 groups
Construction	Automatic
Smallest aperture	32
Number of aperture blades	9
Metreing	TTL open aperture Metreing
Minimum focusing distance	1.1m – ∞
Magnification	approx. 1:6.4 (0.15x)
Filter size	67mm

PENTAX

DEPTH OF FIELD TABLE

f = 60mm

F Metre	4	5.6	8	11	16	22	32
1.1	1.07	1.06	1.05	1.03	1.00	0.97	0.92
	1.13	1.14	1.16	1.18	1.22	1.28	1.38
2	1.91	1.87	1.82	1.77	1.68	1.58	1.45
	2.10	2.15	2.22	2.31	2.49	2.75	3.34
5	4.44	4.24	3.99	3.71	3.32	2.96	2.51
	5.74	6.01	6.73	7.75	10.39	17.66	∞
15	10.79	9.71	8.44	7.26	5.89	4.82	3.71
	24.71	33.41	71.02	∞	∞	∞	∞
∞	38.04	27.21	19.09	13.92	9.61	7.03	4.87
	∞	∞	∞	∞	∞	∞	∞

f = 85mm

F Metre	4	5.6	8	11	16	22	32
1.1	1.08	1.08	1.07	1.06	1.04	1.02	0.98
	1.12	1.12	1.13	1.15	1.17	1.20	1.25
2	1.95	1.93	1.90	1.86	1.80	1.74	1.64
	2.06	2.08	2.12	2.17	2.25	2.36	2.58
5	4.68	4.56	4.39	4.20	3.92	3.63	3.23
	5.37	5.54	5.81	6.19	6.94	8.14	11.44
15	12.42	11.62	10.60	9.56	8.21	7.03	5.68
	18.95	21.18	25.74	35.24	92.06	∞	∞
∞	72.36	51.72	36.24	26.39	18.18	13.25	9.15
	∞	∞	∞	∞	∞	∞	∞

f = 135mm

F Metre	4	5.6	8	11	16	22	32
1.1	1.09	1.09	1.08	1.08	1.07	1.05	1.04
	1.11	1.11	1.12	1.12	1.14	1.15	1.18
2	1.97	1.96	1.95	1.93	1.90	1.87	1.81
	2.03	2.04	2.05	2.08	2.11	2.16	2.24
5	4.86	4.80	4.72	4.62	4.47	4.30	4.04
	5.15	5.22	5.32	5.45	5.68	5.99	6.59
15	13.83	13.41	12.82	12.16	11.20	10.23	8.95
	16.39	17.03	18.07	19.58	22.75	28.24	47.32
∞	182.36	130.29	91.23	66.38	45.67	33.25	22.89
	∞	∞	∞	∞	∞	∞	∞

f = 200mm

F Metre	4	5.6	8	11	16	22	32
1.1	1.09	1.09	1.09	1.08	1.08	1.07	1.06
	1.11	1.11	1.11	1.12	1.12	1.13	1.15
2	1.98	1.98	1.97	1.96	1.94	1.92	1.88
	2.02	2.02	2.03	2.05	2.07	2.09	2.14
5	4.92	4.89	4.84	4.79	4.70	4.59	4.43
	5.08	5.12	5.17	5.23	5.35	5.49	5.75
15	14.40	14.17	13.85	13.46	12.86	12.21	11.26
	15.65	15.93	16.37	16.95	18.01	19.48	22.55
∞	400.17	285.88	200.17	145.62	100.17	72.89	50.17
	∞	∞	∞	∞	∞	∞	∞

f = 250mm

F Metre	4	5.6	8	11	16	22	32
1.1	1.01	1.09	1.09	1.09	1.08	1.07	1.06
	1.11	1.11	1.11	1.12	1.12	1.13	1.14
2	1.99	1.98	1.97	1.96	1.95	1.93	1.89
	2.01	2.02	2.03	2.04	2.06	2.08	2.12
5	4.93	4.91	4.87	4.82	4.75	4.66	4.52
	5.07	5.01	5.14	5.19	5.28	5.40	5.60
15	14.53	14.36	14.01	13.79	13.30	12.76	11.95
	15.50	15.71	16.03	16.45	17.21	18.22	20.20
∞	586.08	418.70	293.16	213.28	146.70	106.76	73.47
	∞	∞	∞	∞	∞	∞	∞

Viewing angle smc PENTAX DA* 60-250mm f/4.0 ED [IF] SDM

■ Focal length range digital cameras



15mm



18mm



24mm



28mm



43mm



50mm



90mm



105mm



135mm



200mm



380mm



600mm

PENTAX