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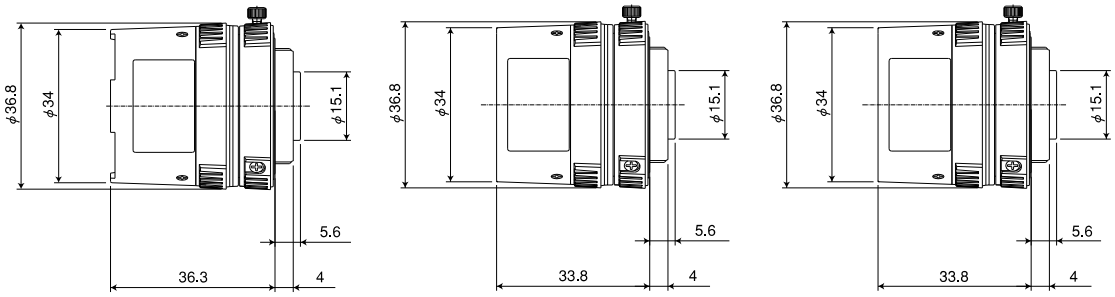
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Find the *Ricoh Imaging / Pentax B7514C C27509* at our website: *Click HERE*

1/4 Format Manual Iris

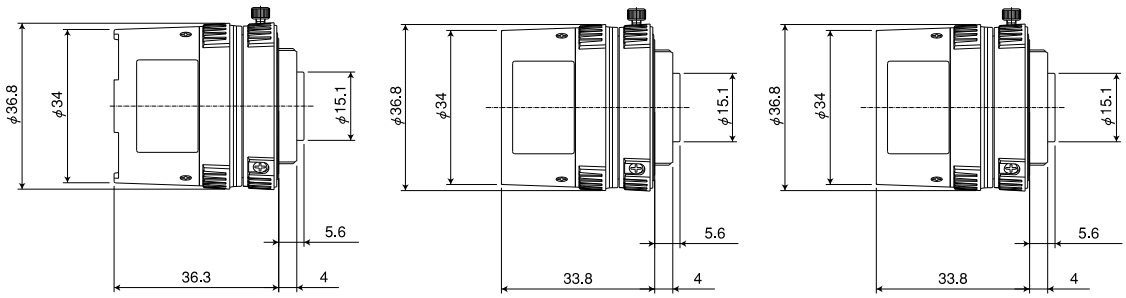
Unit: mm



		QS210 (C40206)	QS310 (C40301)	QS610 (C40601)
Format Size		1/4	1/4	1/4
Focal Length		2.2mm	3.0mm	6.0mm
Max. Aperture Ratio		1 : 1.0	1 : 1.0	1 : 1.0
Iris Range		F1.0～Close	F1.0～Close	F1.0～Close
Horizontal Angle of View (Degrees)	1/4	92.60	64.24	34.83
	1/3	———	———	———
	1/2	———	———	———
Min. Object Distance		0.15m	0.15m	0.2m
Back Focal Length		7.76mm	7.75mm	7.73mm
Filter size		———	———	———
Mount (Flange back)		CS (12.5mm)	CS (12.5mm)	CS (12.5mm)
Weight		44g	40g	37g
Remarks				

1/3 Format Manual Iris

Unit: mm

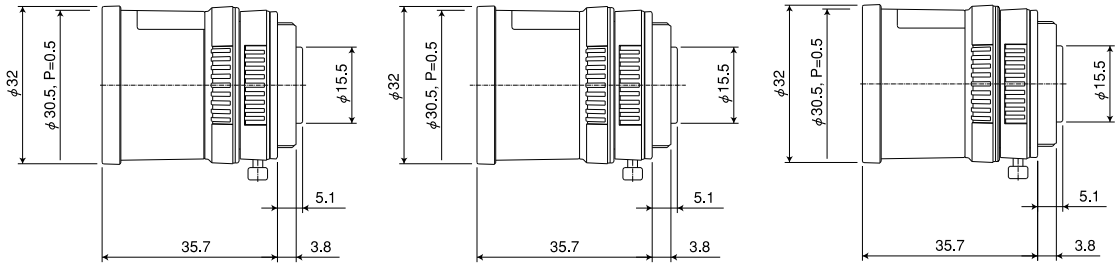


		TS212A (C70214)	TS412A (C70409)	TS812A (C70807)
Format Size		1/3	1/3	1/3
Focal Length		2.8mm	4mm	8mm
Max. Aperture Ratio		1 : 1.2	1 : 1.2	1 : 1.2
Iris Range		F1.2～Close	F1.2～Close	F1.2～Close
Horizontal Angle of View (Degrees)	1/4	71.54	49.18	25.05
	1/3	94.30	63.89	33.33
	1/2	———	———	———
Min. Object Distance		0.3m	0.2m	0.3m
Back Focal Length		7.67mm	8.01mm	7.73mm
Filter size		———	———	———
Mount (Flange back)		CS (12.5mm)	CS (12.5mm)	CS (12.5mm)
Weight		44g	39g	34g
Remarks				

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1/2 Format Manual Iris

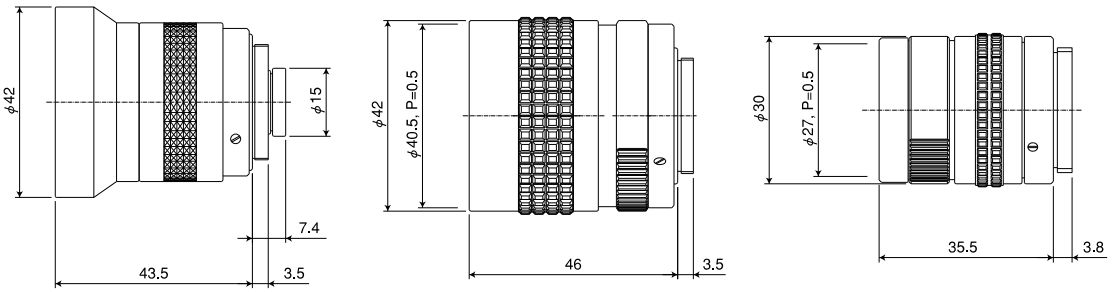
Unit: mm



	HS316A (C60305)	HS614B (C60622)	HS1214D (C61217)
Format Size	1/2	1/2	1/2
Focal Length	3.7mm	6mm	12mm
Max. Aperture Ratio	1 : 1.6	1 : 1.4	1 : 1.4
Iris Range	F1.6～Close	F1.4～Close	F1.4～Close
Horizontal Angle of View (Degrees) 1/4	53.54	33.86	16.55
Horizontal Angle of View (Degrees) 1/3	71.02	44.55	22.06
Horizontal Angle of View (Degrees) 1/2	93.67	57.81	29.42
Min. Object Distance	0.2m	0.3m	0.8m
Back Focal Length	8.99mm	10.49mm	10.38mm
Filter size	30.5mm P=0.5mm	30.5mm P=0.5mm	30.5mm P=0.5mm
Mount (Flange back)	CS (12.5mm)	CS (12.5mm)	CS (12.5mm)
Weight	34g	32g	26g
Remarks			

1/2 Format Manual Iris

Unit: mm

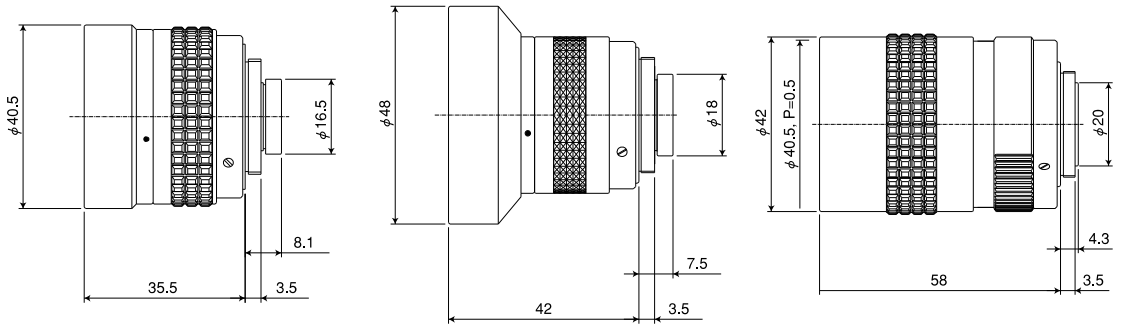


	H416 (C60402)	H612A (C60607)	H1212B (C61215)
Format Size	1/2	1/2	1/2
Focal Length	4.2mm	6mm	12mm
Max. Aperture Ratio	1 : 1.6	1 : 1.2	1 : 1.2
Iris Range	F1.6～Close	F1.2～Close	F1.2～22
Horizontal Angle of View (Degrees) 1/4	47.87	32.97	16.93
Horizontal Angle of View (Degrees) 1/3	64.27	43.55	22.60
Horizontal Angle of View (Degrees) 1/2	86.77	56.93	30.18
Min. Object Distance	0.2m	0.2m	0.2m
Back Focal Length	10.42mm	14.31mm	13.87mm
Filter size	———	40.5mm P=0.5mm	27mm P=0.5mm
Mount (Flange back)	C (17.526mm)	C (17.526mm)	C (17.526mm)
Weight	120g	125g	67g
Remarks		Lock Screw Extra	Lock Screw Extra

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2/3, 1 Format Manual Iris

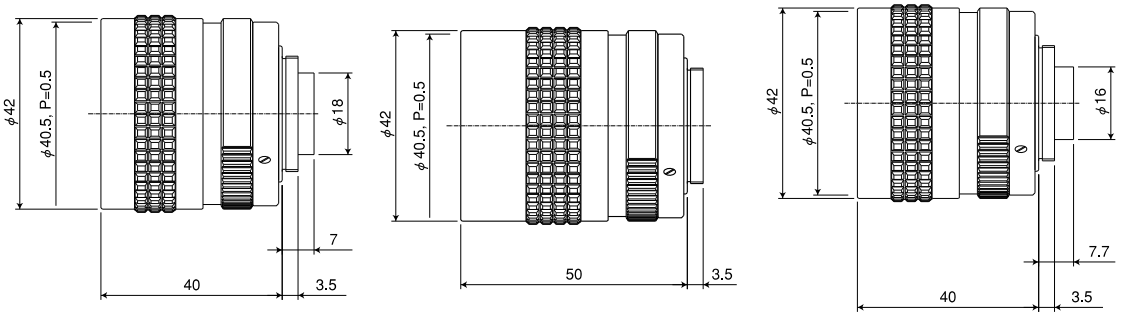
Unit: mm



	C418DX (C30405)	B618CX-2 (C20612)	C814 (C30808)
Format Size	2/3	1	2/3
Focal Length	4.8mm	6.5mm	8mm
Max. Aperture Ratio	1 : 1.8	1 : 1.8	1 : 1.4
Iris Range	F1.8～Close	F1.8～Close	F1.4～Close
Horizontal Angle of View (Degrees) 1/4	41.68	29.94	25.15
Horizontal Angle of View (Degrees) 1/3	55.11	39.73	33.31
Horizontal Angle of View (Degrees) 1/2	72.37	52.52	43.88
Min. Object Distance	0.3m	0.2m	0.2m
Back Focal Length	9.7mm	10.19mm	14.6mm
Filter size	———	———	40.5mm P=0.5mm
Mount (Flange back)	C (17.526mm)	C (17.526mm)	C (17.526mm)
Weight	105g	120g	160g
Remarks	Lock Screw Extra	Lock Screw Extra	Lock Screw Extra

2/3, 1 Format Manual Iris

Unit: mm

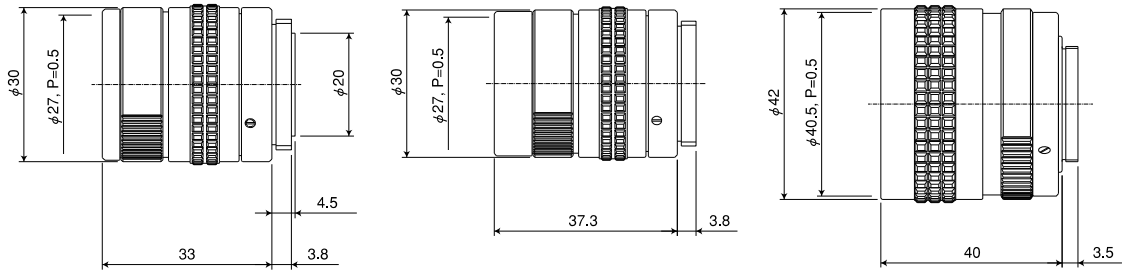


	C815B (C30811)	B1214D-2 (C21211)	B1218-2 (C21212)
Format Size	2/3	1	1
Focal Length	8.5mm	12.5mm	12.5mm
Max. Aperture Ratio	1 : 1.5	1 : 1.4	1 : 1.8
Iris Range	F1.5～Close	F1.4～Close	F1.8～Close
Horizontal Angle of View (Degrees) 1/4	24.02	16.21	16.48
Horizontal Angle of View (Degrees) 1/3	31.87	21.53	21.90
Horizontal Angle of View (Degrees) 1/2	42.09	28.51	29.01
Min. Object Distance	0.2m	0.3m	0.3m
Back Focal Length	10.9mm	14.4mm	10.1mm
Filter size	40.5mm P=0.5mm	40.5mm P=0.5mm	40.5mm P=0.5mm
Mount (Flange back)	C (17.526mm)	C (17.526mm)	C (17.526mm)
Weight	120g	135g	95g
Remarks	Lock Screw Extra	Lock Screw Extra	Lock Screw Extra

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2/3, 1 Format Manual Iris

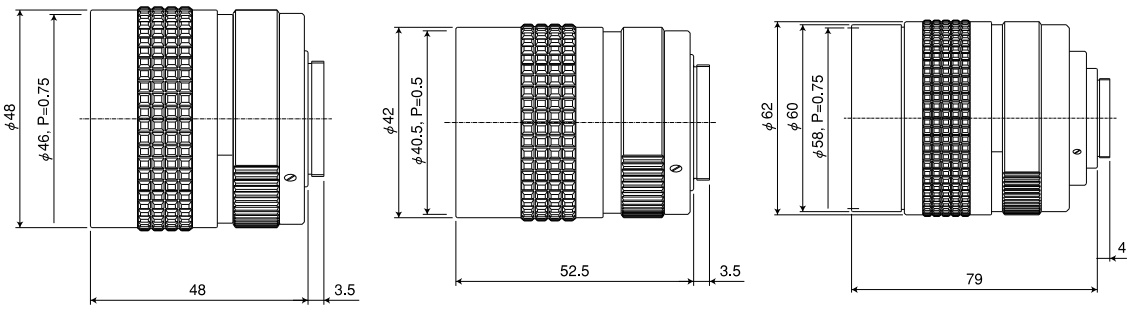
Unit: mm



	C1614A (C31630)	B2514D (C22525)	B2518 (C22516)
Format Size	2/3	1	1
Focal Length	16mm	25mm	25mm
Max. Aperture Ratio	1 : 1.4	1 : 1.4	1 : 1.8
Iris Range	F1.4～22	F1.4～22	F1.8～Close
Horizontal Angle of View (Degrees) 1/4	12.70	8.23	8.23
Horizontal Angle of View (Degrees) 1/3	16.91	10.97	10.95
Horizontal Angle of View (Degrees) 1/2	22.48	14.62	14.55
Min. Object Distance	0.3m	0.3m	0.6m
Back Focal Length	13.2mm	14.98mm	14.9mm
Filter size	27mm P=0.5mm	27mm P=0.5mm	40.5mm P=0.5mm
Mount (Flange back)	C (17.526mm)	C (17.526mm)	C (17.526mm)
Weight	58g	76g	87g
Remarks	Lock Screw Extra	Lock Screw Extra	Lock Screw Extra

1 Format Manual Iris

Unit: mm

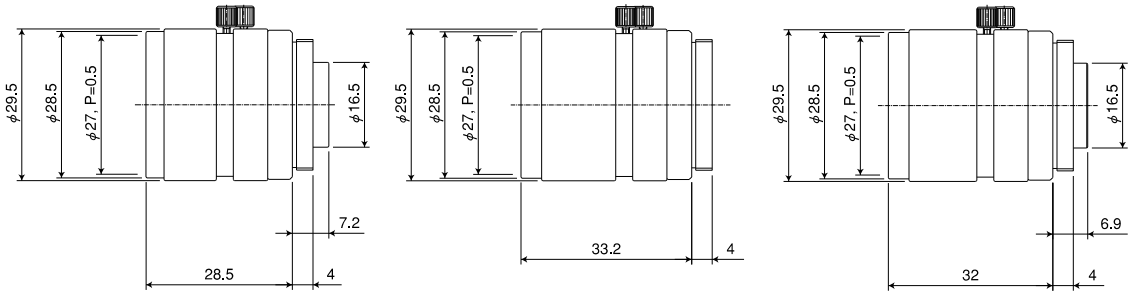


	B5014A (C25011)	B5018A-3 (C25010)	B7514C (C27509)
Format Size	1	1	1
Focal Length	50mm	50mm	75mm
Max. Aperture Ratio	1 : 1.4	1 : 1.8	1 : 1.4
Iris Range	F1.4～Close	F1.8～Close	F1.4～Close
Horizontal Angle of View (Degrees) 1/4	4.13	4.13	2.75
Horizontal Angle of View (Degrees) 1/3	5.50	5.50	3.67
Horizontal Angle of View (Degrees) 1/2	7.32	7.32	4.90
Min. Object Distance	1m	1m	1.2m
Back Focal Length	18.1mm	31.7mm	18.5mm
Filter size	46mm P=0.75mm	40.5mm P=0.5mm	58mm P=0.75mm
Mount (Flange back)	C (17.526mm)	C (17.526mm)	C (17.526mm)
Weight	180g	130g	450g
Remarks	Lock Screw Extra	Lock Screw Extra	Lock Screw Extra

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Manual Iris for Machine Vision

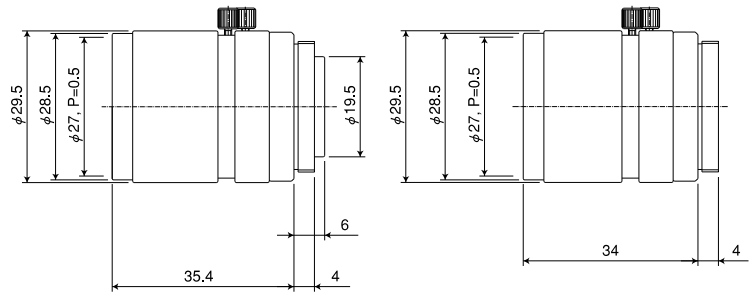
Unit: mm



		H1214-M (C61232)	C1614-M (C31634)	C2514-M (C32500)
Format Size		1/2	2/3	2/3
Focal Length		12mm	16mm	25mm
Max. Aperture Ratio		1 : 1.4	1 : 1.4	1 : 1.4
Iris Range		F1.4～16	F1.4～16	F1.4～16
Horizontal Angle of View (Degrees)	1/4	16.49	12.86	8.24
	1/3	21.88	17.11	10.97
	1/2	28.91	22.72	14.60
Min. Object Distance		0.25m	0.25m	0.25m
Back Focal Length		11.50mm	14.61mm	11.50mm
Filter size		27mm P=0.5mm	27mm P=0.5mm	27mm P=0.5mm
Mount (Flange back)		C (17.526mm)	C (17.526mm)	C (17.526mm)
Weight		55g	63g	55g
Remarks		Lock Screw Up to 2M pixels cameras For Close-Up application	Lock Screw Up to 2M pixels cameras For Close-Up application	Lock Screw Up to 2M pixels cameras For Close-Up application

Manual Iris for Machine Vision

Unit: mm

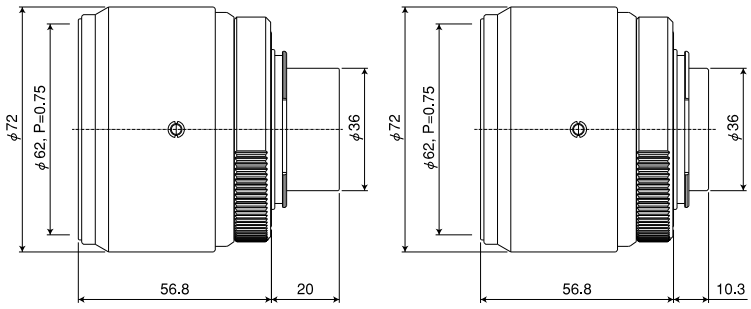


		C3516-M (C33500)	C5028-M (C35001)	
Format Size		2/3	2/3	
Focal Length		35mm	50mm	
Max. Aperture Ratio		1 : 1.6	1 : 2.8	
Iris Range		F1.6～16	F2.8～22	
Horizontal Angle of View (Degrees)	1/4	6.07	4.12	
	1/3	8.09	5.50	
	1/2	10.76	7.32	
Min. Object Distance		0.4m	0.9m	
Back Focal Length		11.85mm	21.03mm	
Filter size		27mm P=0.5mm	27mm P=0.5mm	
Mount (Flange back)		C (17.526mm)	C (17.526mm)	
Weight		64g	55g	
Remarks		Lock Screw Up to 2M pixels cameras For Close-Up application	Lock Screw Up to 2M pixels cameras For Close-Up application	

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Manual Iris for Line-Scan Cameras

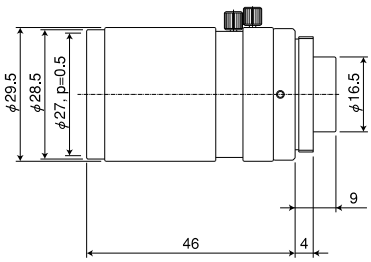
Unit: mm



	YF3528 (C52915F)	YF5028 (C52893F)	
Format Size	45mm Image Circle	45mm Image Circle	
Focal Length	35mm	50mm	
Max. Aperture Ratio	1 : 2.8	1 : 2.8	
Iris Range	F2.8～22	F2.8～22	
Horizontal Angle of View (Degrees)	———	———	
	———	———	
	64.40 (45mm Image Format)	47.60 (45mm Image Format)	
Min. Object Distance	0.19m	0.25m	
Back Focal Length	33.22mm	36.99mm	
Filter size	62mm P=0.75mm	62mm P=0.75mm	
Mount (Flange back)	F-Mount	F-Mount	
Weight	440g	440g	
Remarks	Lock Screw, Click-stop Iris For Close-Up application K-Mount: YK3528 (C52915K)	Lock Screw, Click-stop Iris For Close-Up application K-Mount: YK5028 (C52893K)	

1/2 Format Manual Iris for UV (Ultraviolet) Cameras

Unit: mm



		H2520-UVM (C62500)		
Format Size		1/2		
Focal Length		25mm		
Max. Aperture Ratio		1 : 2.0		
Iris Range		F2.0～16		
Horizontal Angle of View (Degrees)	1/4	8.24		
	1/3	10.98		
	1/2	14.62		
Min. Object Distance		0.25m		
Back Focal Length		12.01mm (330nm)		
Filter size		27mm P=0.5mm		
Mount (Flange back)		C (17.526mm)		
Weight		78g		
Remarks		Wave Length: 200nm～more than 1,000nm (280nm～365nm for up to 2M pixels UV cameras) For Close-Up application		

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