

DTCM125 Series

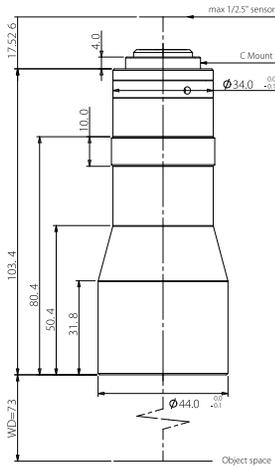
Support 1/2.5"

Cameras



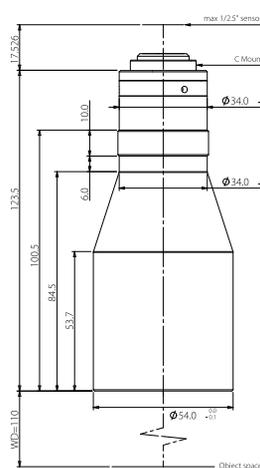
Lens Model	FOV (°mm)	Mag. β(x)	WD (mm)	Sensor Size (Φmm)	F/#	MTF30 (lp/mm)	DOF (mm)	Distortion (% max)	Telecentricity (° max)	I/O (mm)	Length (mm)	Mount	Weight (kg)
DTCM125-26	26	0.277	73±1	7.2(1/2.5")	4.2	>190	±5.7@F11	<0.1	<0.1	194±1	103.4	C	0.3
DTCM125-36	36	0.200	110±2	7.2(1/2.5")	4.2	>190	±11.0@F11	<0.1	<0.1	251±2	123.5	C	0.4
DTCM125-42	42	0.171	118±3	7.2(1/2.5")	4.2	>200	±15.0@F11	<0.1	<0.1	244±3	108.9	C	0.4
DTCM125-48	48	0.150	128±3	7.2(1/2.5")	4.2	>190	±19.5@F11	<0.1	<0.1	268±3	122.4	C	0.4
DTCM125-56-AL	56	0.129	138±3	7.2(1/2.5")	4.2	>200	±26.4@F11	<0.1	<0.1	301±3	145.0	C	0.7
DTCM125-64H-AL	64	0.113	158±3	7.2(1/2.5")	4.2	>200	±34.8@F11	<0.1	<0.1	333±3	157.5	C	0.8
DTCM125-72-AL	72	0.100	178±3	7.2(1/2.5")	4.2	>195	±44@F11	<0.1	<0.1	373±3	177.5	C	1.0
DTCM125-80H-AL	80	0.090	228±4	7.2(1/2.5")	4.2	>205	±54.3@F11	<0.1	<0.1	413±4	167.5	C	1.9
DTCM125-90-AL	90	0.080	208±3	7.2(1/2.5")	4.2	>200	±68.7@F11	<0.1	<0.1	428±3	202.5	C	1.7
DTCM125-100-AL	100	0.072	258±4	7.2(1/2.5")	4.2	>210	±84.8@F11	<0.1	<0.1	501±4	225.9	C	3.1
DTCM125-110-AL	110	0.066	263±4	7.2(1/2.5")	4.2	>210	±101@F11	<0.1	<0.1	536±4	255.1	C	2.7
DTCM125-120-AL	120	0.060	280±5	7.2(1/2.5")	4.2	>210	±122@F11	<0.1	<0.1	564±5	266.2	C	4.2
DTCM125-136-AL	136	0.053	288±5	7.2(1/2.5")	4.2	>210	±157@F11	<0.1	<0.1	646±5	340.1	C	-
DTCM125-150-AL	150	0.048	300±5	7.2(1/2.5")	4.2	>210	±190@F11	<0.1	<0.1	627±5	309.5	C	5.7
DTCM125-170-AL	170	0.042	318±5	7.2(1/2.5")	4.2	>210	±249@F11	<0.1	<0.1	707±5	371.4	C	6.5
DTCM125-190-AL	190	0.038	330±5	7.2(1/2.5")	4.2	>205	±304@F11	<0.1	<0.1	746±5	398.8	C	11.0
DTCM125-216-AL	216	0.033	372±5	7.2(1/2.5")	4.2	>210	±404@F11	<0.1	<0.1	884±5	494.2	C	13.7
DTCM125-240H-AL	240	0.030	410±6	7.2(1/2.5")	4.2	>210	±489@F11	<0.1	<0.1	968±6	540.1	C	19.3
DTCM125-268-AL	268	0.027	438±6	7.2(1/2.5")	4.2	>210	±604@F11	<0.1	<0.1	1083±6	627.6	C	-
DTCM125-300-AL	300	0.024	465±6	7.2(1/2.5")	4.2	>205	±763@F11	<0.1	<0.1	1101±6	618.5	C	46.5

DTCM 125-26



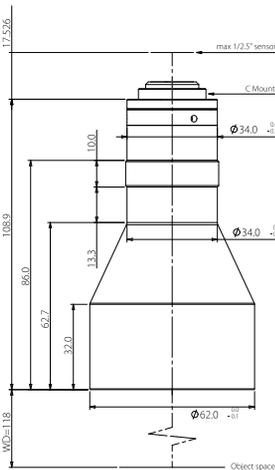
FOV(Φmm)	26
Mag.(x)	0.277
WD(mm)	73±1
Max Sensor Size(Φmm)	7.2(1/2.5")
F/#	4.2
MTF30(lp/mm)	>190
DOF(mm)	±5.7@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	194±1
Length(mm)	103.4
Mount	C-Mount
Weight(kg)	0.3
Field of View (mmxmm)	1/2.5" 9P001/31 5.7x4.28 20.6x15.5

DTCM125-36



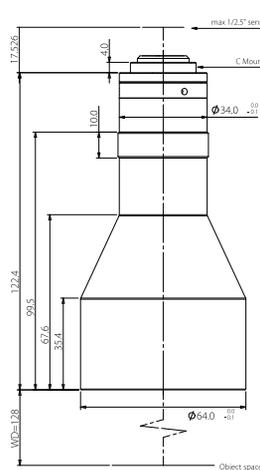
FOV(Φmm)	36
Mag.(x)	0.200
WD(mm)	110±2
Max Sensor Size(Φmm)	7.2(1/2.5")
F/#	4.2
MTF30(lp/mm)	>190
DOF(mm)	±11.0@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	251±2
Length(mm)	123.5
Mount	C-Mount
Weight(kg)	0.4
Field of View (mmxmm)	1/2.5" 9P001/31 5.7x4.28 28.5x21.4

DTCM125-42



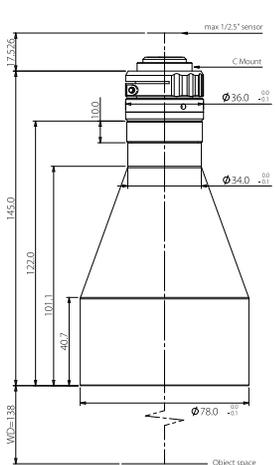
FOV(Φmm)	42
Mag.(x)	0.171
WD(mm)	118±3
Max Sensor Size(Φmm)	7.2(1/2.5")
F/#	4.2
MTF30(lp/mm)	>200
DOF(mm)	±15.0@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	244±3
Length(mm)	108.9
Mount	C-Mount
Weight(kg)	0.4
Field of View (mmxmm)	1/2.5" 9P001/31 5.7x4.28 33.3x25.0

DTCM125-48



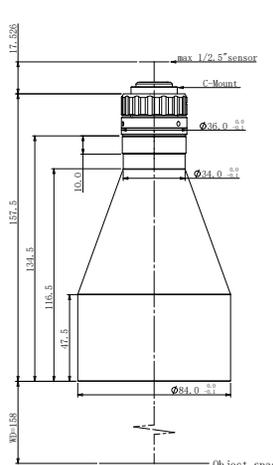
FOV(Φmm)	48
Mag.(x)	0.150
WD(mm)	128±3
Max Sensor Size(Φmm)	7.2(1/2.5")
F/#	4.2
MTF30(lp/mm)	>190
DOF(mm)	±19.5@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	268±3
Length(mm)	122.4
Mount	C-Mount
Weight(kg)	0.4
Field of View (mmxmm)	1/2.5" 9P001/31 5.7x4.28 38.0x28.5

DTCM125-56-AL



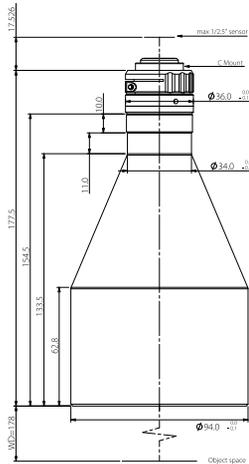
FOV(Φmm)	56
Mag.(x)	0.129
WD(mm)	138±3
Max Sensor Size(Φmm)	7.2(1/2.5")
F/#	4.2
MTF30(lp/mm)	>200
DOF(mm)	±26.4@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	301±3
Length(mm)	145.0
Mount	C-Mount
Weight(kg)	0.7
Field of View (mmxmm)	1/2.5" 9P001/31 5.7x4.28 44.2x33.2

DTCM125-64H-AL



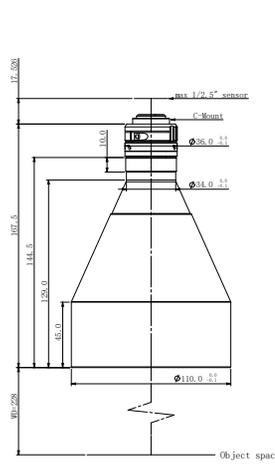
FOV(Φmm)	64
Mag.(x)	0.113
WD(mm)	158±3
Max Sensor Size(Φmm)	7.2(1/2.5")
F/#	4.2
MTF30(lp/mm)	>200
DOF(mm)	±34.8@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	333±3
Length(mm)	157.5
Mount	C-Mount
Weight(kg)	0.8
Field of View (mmxmm)	1/2.5" 9P001/31 5.7x4.28 50.4x37.9

DTCM 125-72-AL



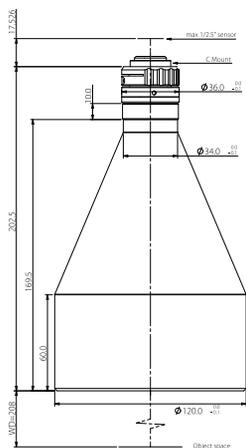
FOV(Φmm)	72
Mag.(x)	0.100
WD(mm)	178±3
Max Sensor Size(Φmm)	7.2(1/2.5")
F/#	4.2
MTF30(lp/mm)	>195
DOF(mm)	±44@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	373±3
Length(mm)	177.5
Mount	C-Mount
Weight(kg)	1.0
Field of View (mmxmm)	
1/2.5" 9P001/31	5.7x4.28 57.0x42.8

DTCM125-80H-AL



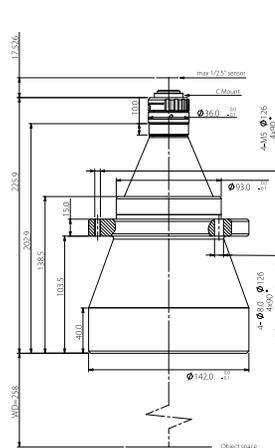
FOV(Φmm)	80
Mag.(x)	0.090
WD(mm)	228±4
Max Sensor Size(Φmm)	7.2(1/2.5")
F/#	4.2
MTF30(lp/mm)	>205
DOF(mm)	±54.3@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	413±4
Length(mm)	167.5
Mount	C-Mount
Weight(kg)	1.9
Field of View (mmxmm)	
1/2.5" 9P001/31	5.7x4.28 63.3x47.6

DTCM125-90-AL



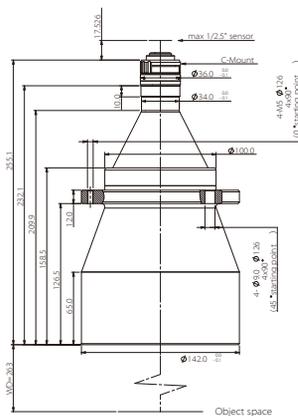
FOV(Φmm)	90
Mag.(x)	0.080
WD(mm)	208±3
Max Sensor Size(Φmm)	7.2(1/2.5")
F/#	4.2
MTF30(lp/mm)	>200
DOF(mm)	±68.7@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	428±3
Length(mm)	202.5
Mount	C-Mount
Weight(kg)	1.7
Field of View (mmxmm)	
1/2.5" 9P001/31	5.7x4.28 71.3x53.5

DTCM125-100-AL



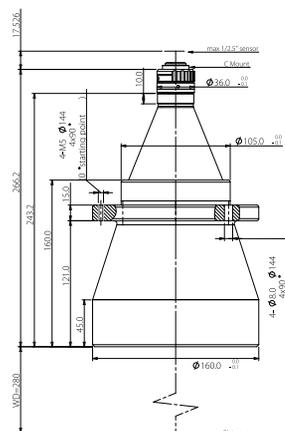
FOV(Φmm)	100
Mag.(x)	0.072
WD(mm)	258±4
Max Sensor Size(Φmm)	7.2(1/2.5")
F/#	4.2
MTF30(lp/mm)	>210
DOF(mm)	±84.8@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	501±4
Length(mm)	225.9
Mount	C-Mount
Weight(kg)	3.1
Field of View (mmxmm)	
1/2.5" 9P001/31	5.7x4.28 79.2x59.4

DTCM125-110-AL



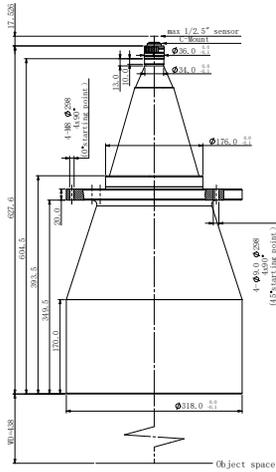
FOV(Φmm)	110
Mag.(x)	0.066
WD(mm)	263±4
Max Sensor Size(Φmm)	7.2(1/2.5")
F/#	4.2
MTF30(lp/mm)	>210
DOF(mm)	±101@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	536±4
Length(mm)	255.1
Mount	C-Mount
Weight(kg)	2.7
Field of View (mmxmm)	
1/2.5" 9P001/31	5.7x4.28 86.4x64.8

DTCM125-120-AL



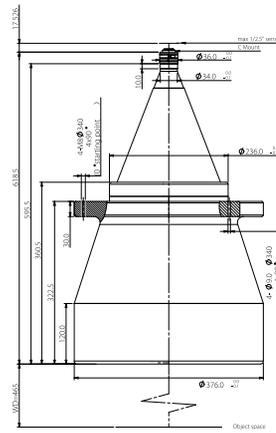
FOV(Φmm)	120
Mag.(x)	0.060
WD(mm)	280±5
Max Sensor Size(Φmm)	7.2(1/2.5")
F/#	4.2
MTF30(lp/mm)	>210
DOF(mm)	±122@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	564±5
Length(mm)	266.2
Mount	C-Mount
Weight(kg)	4.2
Field of View (mmxmm)	
1/2.5" 9P001/31	5.7x4.28 95.0x71.3

DTCM125-268-AL



FOV(Φmm)	268
Mag.(x)	0.027
WD(mm)	438±6
Max Sensor Size(Φmm)	7.2(1/2.5")
F/#	4.2
MTF30(lp/mm)	>210
DOF(mm)	±604@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	1083±6
Length(mm)	627.6
Mount	C-Mount
Weight(kg)	-
Field of View (mmxmm)	
1/2.5" 9P001/31	5.7x4.28 211.1x158.5

DTCM125-300-AL



FOV(Φmm)	300
Mag.(x)	0.024
WD(mm)	465±6
Max Sensor Size(Φmm)	7.2(1/2.5")
F/#	4.2
MTF30(lp/mm)	>205
DOF(mm)	±763@F11
Distortion(% max)	<0.1
Telecentricity(° max)	<0.1
I/O(mm)	1101±6
Length(mm)	618.5
Mount	C-Mount
Weight(kg)	46.5
Field of View (mmxmm)	
1/2.5" 9P001/31	5.7x4.28 237.5x178.3