

TFMA-1 series



Vision Light Tech

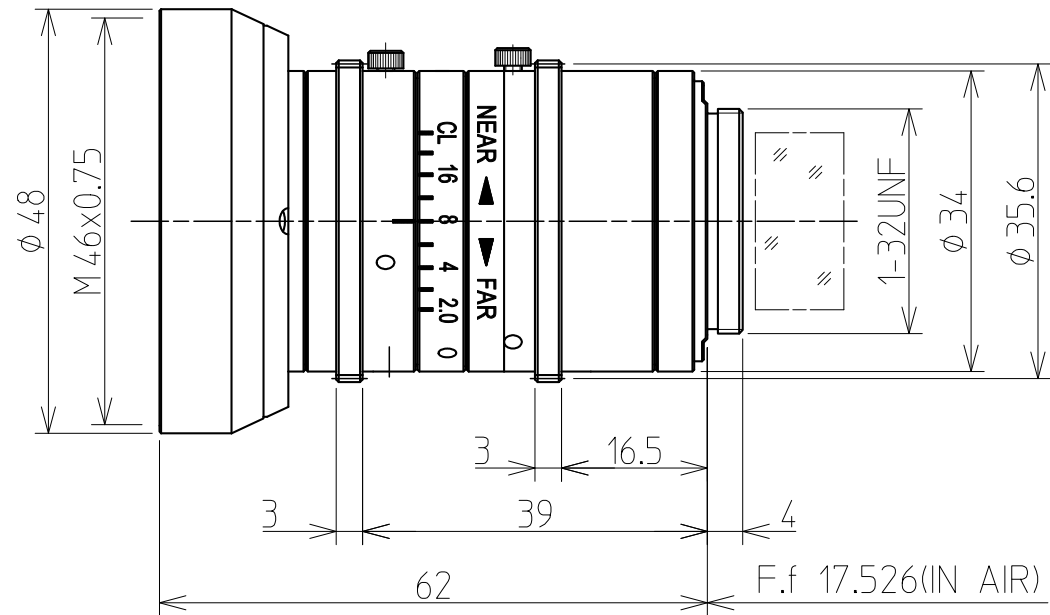
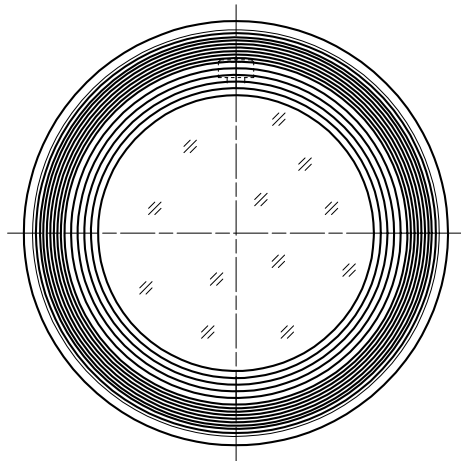
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Product Name	TF6MA-1
Focal length [mm]	6
(Design value)	(6,18)
Iris range (Fnumber)	F2-F22 · Close
Angle of view	62.2°x 48.3°(1/1.8")
Working distance (from front of front lens)	∞ - 100
Operation of focus	Manual
Operation of iris	Manual
Filter thread [mm]	M46 x 0.75
Mount	C-mount
Weight (approx.) [g]	140
Sensor size (std.)	1/1.8" (2.0μm)
Sensor size (max.)	2/3" (3.45μm)
Back focal length (in air) [mm]	14,52
Flange back [mm]	17,526
Entrance pupil position (from Mount) [mm]	-43,94
Exit pupil position (from image plane) [mm]	-186,59
Front principal point (from Mount) [mm]	-38,01
Rear principal point (from Mount) [mm]	11,31
Distance between the principal points [mm]	49,32
TV distortion [%]	-0,48
Dimension [mm]	φ48 x 62
Chief Ray Angle [°]	-0.5
Relative illumination [%] (Aperture: F4.0, Image height: at diagonal)	65
Relative illumination [%] (Aperture: at full open, Image height: at diagonal)	61
Operation Temperature	-10°C ~ +50°C

These specification are subject to change without notice.

TF6MA-1



Vision Light Tech B.V.

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Trade register No. 17150044, VAT No. NL8112.30.946.B01



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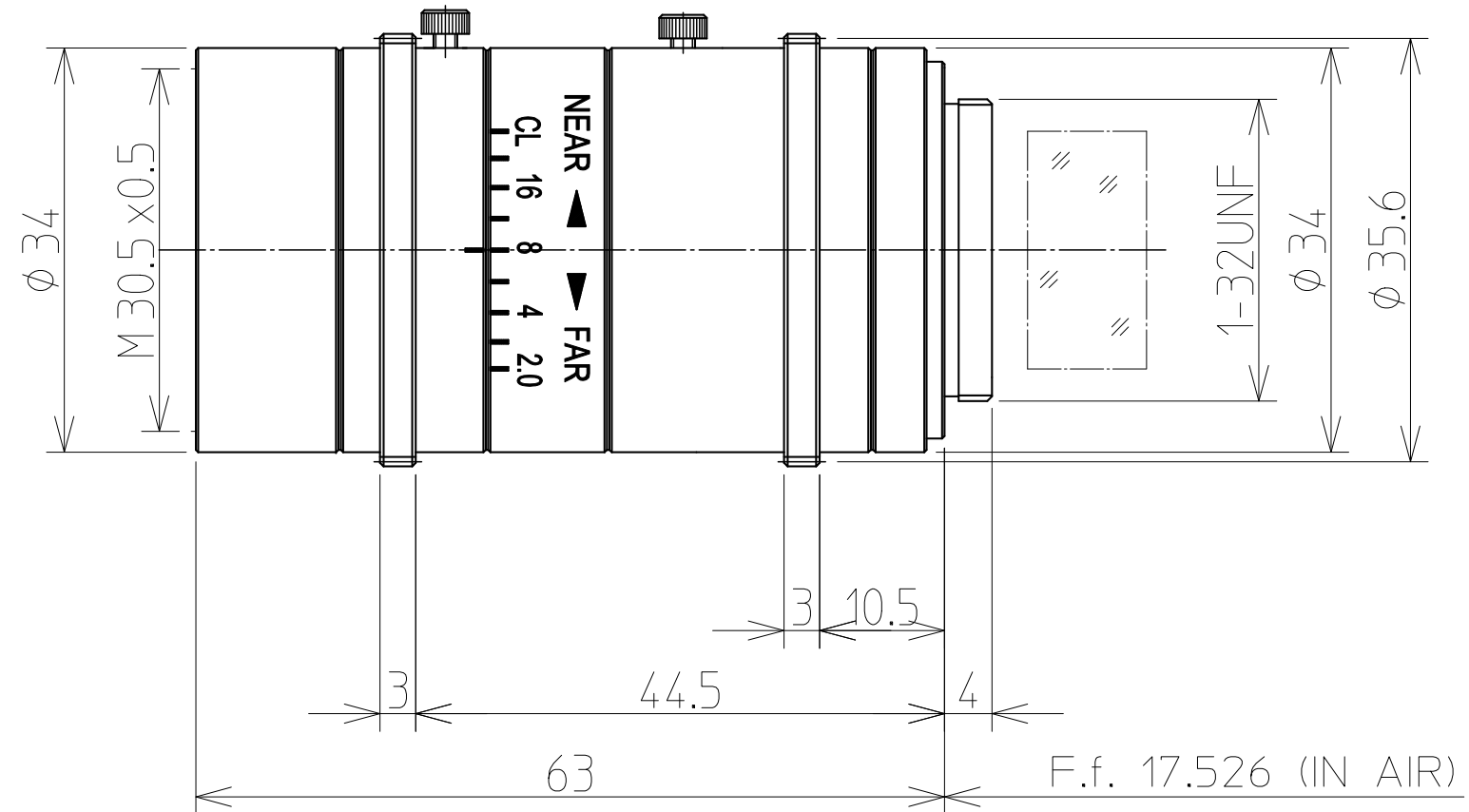
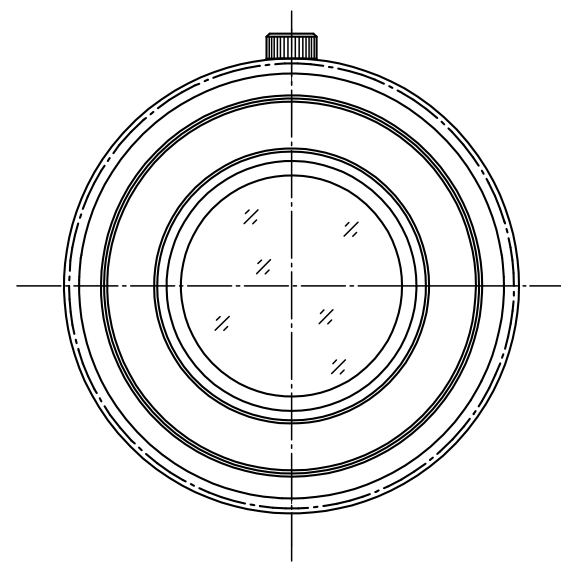
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Product Name	TF14MA-1
Focal length [mm]	14
(Design value)	(14,29)
Iris range (Fnumber)	F2-F22 · Close
Angle of view	28.4°x 21.5°(1/1.8")
Working distance (from front of front lens)	∞ - 100
Operation of focus	Manual
Operation of iris	Manual
Filter thread [mm]	M30.5 x 0.5
Mount	C-mount
Weight (approx.) [g]	140
Sensor size (std.)	1/1.8" (2.0μm)
Sensor size (max.)	2/3" (3.45μm)
Back focal length (in air) [mm]	17,51
Flange back [mm]	17,526
Entrance pupil position (from Mount) [mm]	-40,55
Exit pupil position (from image plane) [mm]	-882,11
Front principal point (from Mount) [mm]	-26,49
Rear principal point (from Mount) [mm]	3,23
Distance between the principal points [mm]	29,72
TV distortion [%]	-0,20
Dimension [mm]	φ34 x 63
Chief Ray Angle [°]	-0.0
Relative illumination [%] (Aperture: F4.0, Image height: at diagonal)	81
Relative illumination [%] (Aperture: at full open, Image height: at diagonal)	61
Operation Temperature	-10°C ~ +50°C

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TF14MA-1



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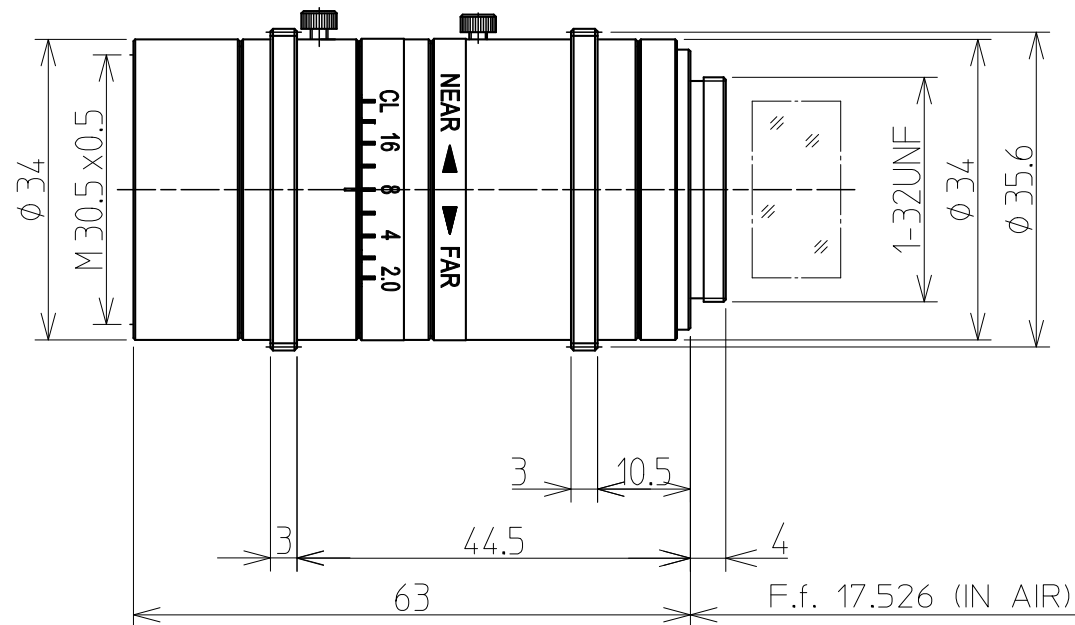
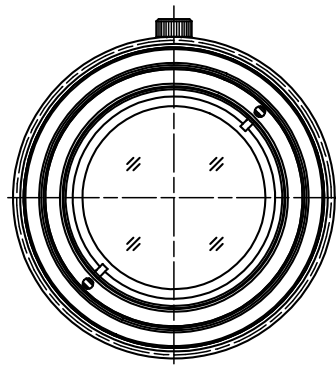
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Product Name	TF25MA-1
Focal length [mm]	25
(Design value)	(25,58)
Iris range (Fnumber)	F2-F22 · Close
Angle of view	16.1°x 12.1°(1/1.8")
Working distance (from front of front lens)	∞ - 200
Operation of focus	Manual
Operation of iris	Manual
Filter thread [mm]	M30.5 x 0.5
Mount	C-mount
Weight (approx.) [g]	140
Sensor size (std.)	1/1.8" (2.0μm)
Sensor size (max.)	2/3" (3.45μm)
Back focal length (in air) [mm]	16,02
Flange back [mm]	17,526
Entrance pupil position (from Mount) [mm]	-25,91
Exit pupil position (from image plane) [mm]	-1995,79
Front principal point (from Mount) [mm]	-0,66
Rear principal point (from Mount) [mm]	-8,08
Distance between the principal points [mm]	7,42
TV distortion [%]	-0,21
Dimension [mm]	φ34 x 63
Chief Ray Angle [°]	-0.3
Relative illumination [%] (Aperture: F4.0, Image height: at diagonal)	74
Relative illumination [%] (Aperture: at full open, Image height: at diagonal)	63
Operation Temperature	-10°C ~ +50°C

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TF25MA-1



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