

Produkt Name		Product Name	DF6HA-1S
Brennweite [mm] (Designwert)	Focal length [mm] (design value)		6 (6.15)
Blende (F-Nummer)	Iris range (Fnumber)		F1.2 - F16
Bildwinkel	Angle of view		57.3° × 43.8° (1/2")
Arbeitsabstand (von der Vorderseite des Objektivtubus) [mm]	Working distance (from front of lens barrel) [mm]		∞ - 100mm
Fokuseinstellung	Operation of focus		Manual
Blendensteuerung	Operation of iris		Manual
Filtergewinde [mm]	Filter thread [mm]		M27 × 0.5
Anschluss	Mount		C-mount
Gewicht (ca.) [g]	Weight (approx.) [g]		50
Sensorgroße (standard)	Sensor size (std.)		1/2" (4.5µm)
Sensorgroße (maximal)	Sensor size (max.)		1/2" (4.5µm)
Hintere Brennweite (in Luft) [mm]	Back focal length (in air) [mm]		11.44
Auflagemaß [mm]	Flange back [mm]		17.526
Eintrittspupillenposition (vom Anschluss) [mm]	Entrance pupil position (from Mount) [mm]		-21.24
Austrittspupillenposition (vom Bildsensor) [mm]	Exit pupil position (from image plane) [mm]		-49.19
Vordere Hauptpunktposition (vom Anschluss) [mm]	Front principal point (from Mount) [mm]		-16.45
Hintere Hauptpunktposition (vom Anschluss) [mm]	Rear principal point (from Mount) [mm]		11.38
Abstand zwischen den Hauptpunkten [mm]	Distance between the principal points [mm]		27.83
TV-Verzerrung [%]	TV distortion [%]		-1.84
Abmessungen [mm]	Dimension [mm]		φ29.5 × 36.7
Hauptstrahlwinkel [°]	Chief Ray Angle [°]		3.97
Relative Beleuchtung [%] (Blende: F4.0, Bildhöhe: diagonal)	Relative illumination [%] (Aperture: F4.0, Image height: at diagonal)		108
Relative Beleuchtung [%] (Blende: bei voller Öffnung, Bildhöhe: diagonal)	Relative illumination [%] (Aperture: at full open, Image height: at diagonal)		39
Betriebstemperaturbereich	Operation Temperature Range		-10°C ~ +50°C
Lagertemperaturbereich	Storage Temperature Range		-30°C ~ +60°C

*Die Definition des Arbeitsabstands wurde in einen Bereich geändert, in dem eine Fokuseinstellung möglich ist. (März 2020) Diese Spezifikationen können ohne vorherige Ankündigung geändert werden.

05. March 2020

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型番	Product Name	DF6HA-1S
焦点距離 [mm]	Focal length [mm] (design value)	6 (6.15)
絞り (F値)	Iris range (Fnumber)	F1.2 - F16
画角 (H × V)	Angle of view	57.3° × 43.8° (1/2")
フォーカス範囲 (レンズメカ先端より) [mm]	Working distance (from front of lens barrel) [mm]	∞ - 100mm
操作方法:フォーカス	Operation of focus	Manual
操作方法:アイリス	Operation of iris	Manual
フィルタ径 [mm]	Filter thread [mm]	M27 × 0.5
マウント	Mount	C-mount
質量 (約) [g]	Weight (approx.) [g]	50
適合センサーサイズ (標準)	Sensor size (std.)	1/2" (4.5μm)
適合センサーサイズ (最大)	Sensor size (max.)	1/2" (4.5μm)
バックフォーカス (空気換算長) [mm]	Back focal length (in air) [mm]	11.44
フランジバック [mm]	Flange back [mm]	17.526
入射瞳位置 (マウント面から) [mm]	Entrance pupil position (from Mount) [mm]	-21.24
射出瞳位置 (結像面より) [mm]	Exit pupil position (from image plane) [mm]	-49.19
前側主点 (マウント面から) [mm]	Front principal point (from Mount) [mm]	-16.45
後側主点 (マウント面から) [mm]	Rear principal point (from Mount) [mm]	11.38
主点間隔 [mm]	Distance between the principal points [mm]	27.83
TVディストーション [%]	TV distortion [%]	-1.84
外形寸法 [mm]	Dimension [mm]	φ29.5 × 36.7
主光線入射角度 [°]	Chief Ray Angle [°]	3.97
周辺光量比 (F4.0・対角端) [%]	Relative illumination [%] (Aperture: F4.0, Image height: at diagonal)	108
周辺光量比 (開放・対角端) [%]	Relative illumination [%] (Aperture: at full open, Image height: at diagonal)	39
使用温度範囲	Operation Temperature Range	-10°C ~ +50°C
保存温度範囲	Storage Temperature Range	-30°C ~ +60°C

*Changed the definition of working distance to a range where focus adjustment is possible. (Mar. 2020) These specifications are subject to change without notice.

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