

テレセントリックレンズ

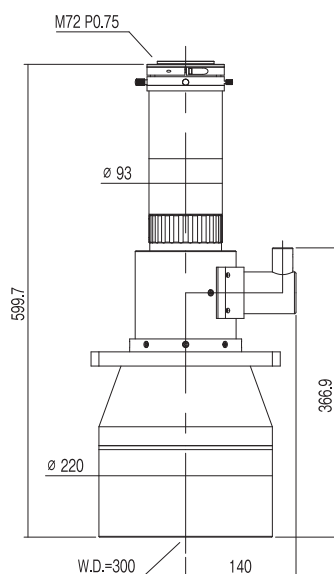
イメージサークルΦ64mmテレセントリックレンズ

SVL-TC64シリーズ

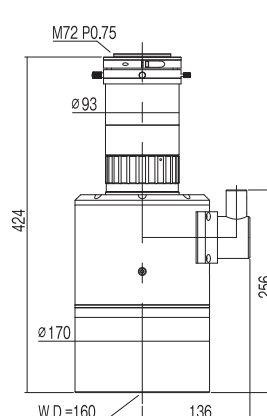
最大素子長64mmまで対応した、ラインセンサーカメラ対応テレセントリックレンズです。同軸落射にも対応しており、ガラス基板や鏡面上のパターンなどの取り込みに最適です。カメラに合わせて特殊マウントにも対応可能です。



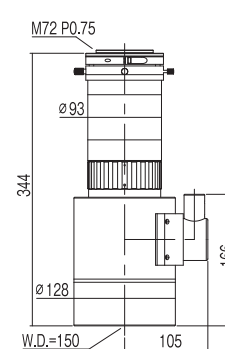
SVL-035-TC64



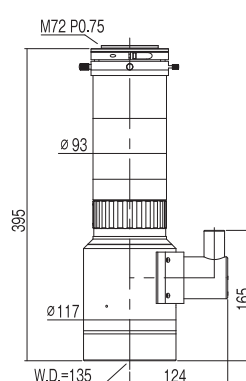
SVL-050-TC64



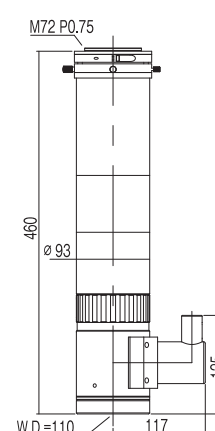
SVL-070-TC64



SVL-100-TC64



SVL-200-TC64



Specification

Model	Coaxial	SVL-035-TC64	SVL-050-TC64	SVL-070-TC64	SVL-100-TC64	SVL-200-TC64
	Straight	-	SVL-050-TC64	SVL-070-TC64	SVL-100-TC64	SVL-200-TC64
Magnification		0.35 X	0.5 X	0.7 X	1 X	2 X
Working distance		300 mm	160 mm	150 mm	135 mm	110 mm
Focal depth		5.2 mm	1.76 mm	914 μm	456 μm	160 μm
Distortion		0.06 % or less	0.2 % or less	0.1% or less	0.1 % or less	0.03 % or less
Resolution		58.1 LP/mm	126 LP/mm	169 LP/mm	220 LP/mm	340 LP/mm
Resolution power		17.2 μm	7.9 μm	5.9 μm	4.5 μm	2.9 μm
N.A.		0.022	0.045	0.062	0.087	0.124
F number		8	5.5	5.6	5.7	8
Camera mount		72mm P=0.75				
Image circle		64mm				
Weight	Coaxial	Approx 17 kg	Approx 9.3 kg	Approx 7.3 kg	Approx 5.3 kg	Approx 5.1 kg
	Straight	-	Approx 8.9 kg	Approx 6.9 kg	Approx 4.9 kg	Approx 4.7 kg

Note: Resolution power is calculated theoretical resolution based on N.A. of wavelength of 550nm.

Note: Focal depth is calculated as maximum circle of confusion is $\phi 40\mu\text{m}$