

# SYL 系列定倍視覺檢測鏡頭



工作距離:65mm



工作距離:110mm



工作距離:150mm



工作距離:250mm

## 特點

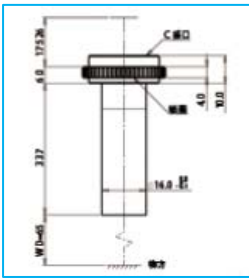
- 定工作距離, 定倍,定焦視覺檢測鏡頭
- 常用於高精度CCD對位設備, 可選擇同軸光或一般側光光源
- 按工作距離和放大倍數標準化設計生產
- 高性價比,適合工廠自動化視覺檢測
- 與工業CCD video camera 搭配, 可降低影像及機器視覺的應用門檻

工作距離:65mm

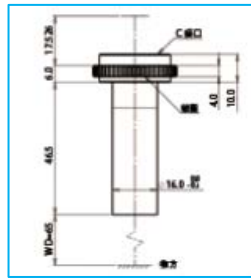


型號	倍率	WD	總長 L	L1	L2	CCD 尺寸	分辨率	景深
SYL08-65A	0.8x	65mm	33.7mm	/	/	1/2"	5.0um	0.75mm
SYL10-65A	1.0x	65mm	46.5mm	/	/	1/2"	4.5um	0.50mm
SYL15-65A	1.5x	65mm	51.8mm	/	/	1/2"	11.2um	0.88mm
SYL20-65A	2.0x	65mm	53.4mm	/	/	1/2"	5.6um	0.32mm
SYL30-65A	3.0x	65mm	56.4mm	/	/	1/2"	6.2um	0.21mm
SYL40-65A	4.0x	65mm	63.7mm	/	/	1/2"	6.2um	0.17mm
SYL08-65PC	0.8x	65mm	/	67.5mm	41.7mm	1/3"	5.0um	0.75mm
SYL10-65PC	1.0x	65mm	/	67.5mm	54.7mm	1/2"	3.9um	0.45mm
SYL15-65C	1.5x	65mm	/	20.1mm	5.5mm	1/2"	11.2um	0.88mm
SYL20-65C	2.0x	65mm	/	20.1mm	5.5mm	1/2"	5.6um	0.32mm
SYL30-65C	3.0x	65mm	/	20.1mm	7.0mm	1/2"	6.2um	0.21mm

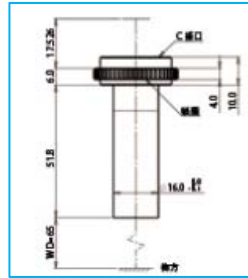
SYL08-65A



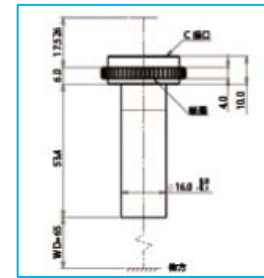
SYL10-65A



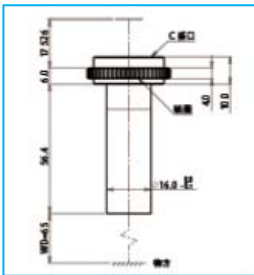
SYL15-65A



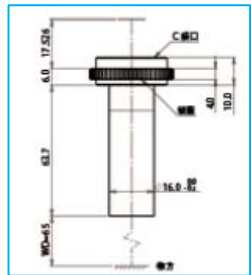
SYL20-65A



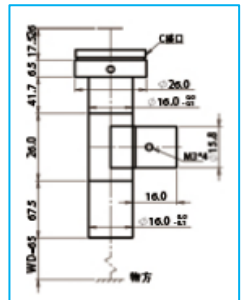
SYL30-65A



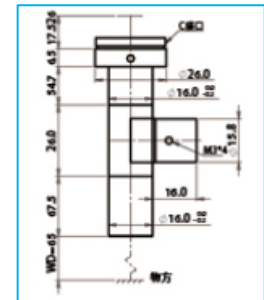
SYL40-65A



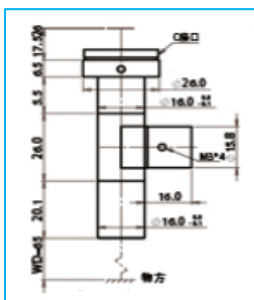
SYL08-65PC



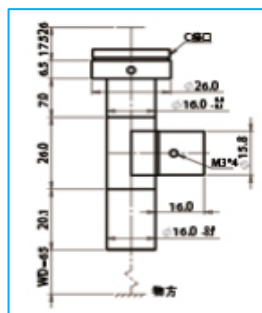
SYL10-65PC



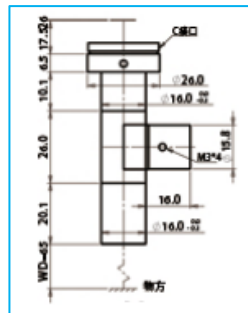
SYL15-65C



SYL20-65C



SYL30-65C

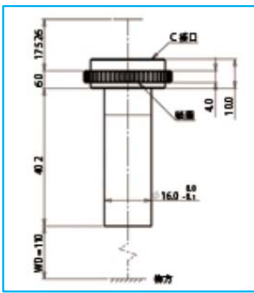


工作距離:110mm

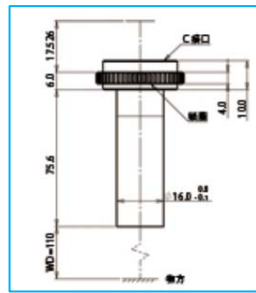


型號	倍率	WD	總長 L	L1	L2	CCD 尺寸	分辨率	景深
SYL05-110A	0.5x	110mm	40.2mm	/	/	1/2"	8.5um	2.02mm
SYL08-110A	0.8x	110mm	75.6mm	/	/	1/2"	6.7um	1.00mm
SYL10-110A	1.0x	110mm	95.6mm	/	/	1/2"	7.5um	0.89mm
SYL15-110A	1.5x	110mm	98.2mm	/	/	1/2"	6.7um	0.53mm
SYL20-110A	2.0x	110mm	96.7mm	/	/	1/2"	6.1um	0.36mm
SYL30-110A	3.0x	110mm	98.8mm	/	/	1/2"	6.1um	0.23mm
SYL40-110A	4.0x	110mm	107.7mm	/	/	1/2"	6.1um	0.17mm
SYL08-110C	0.8x	110mm	/	39.1mm	10.2mm	1/3"	6.5um	0.98mm
SYL10-110C	1.0x	110mm	/	55.8mm	13.4mm	1/3"	6.7um	0.89mm
SYL15-110C	1.5x	110mm	/	41.5mm	30.4mm	1/2"	6.1um	0.53mm
SYL20-110C	2.0x	110mm	/	41.5mm	28.8mm	1/2"	6.1um	0.36mm
SYL30-110C	3.0x	110mm	/	41.5mm	30.9mm	1/2"	6.1um	0.23mm

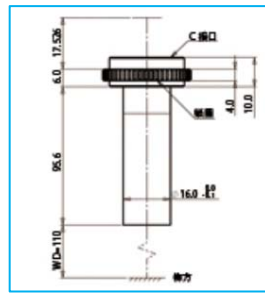
SYL05-110A



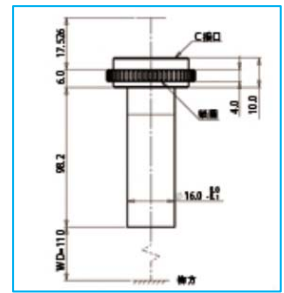
SYL08-110A



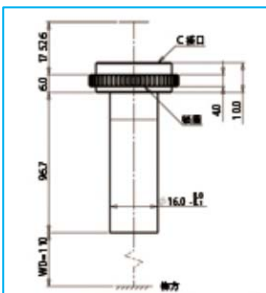
SYL10-110A



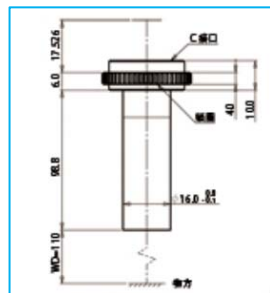
SYL15-110A



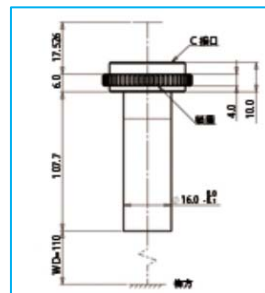
SYL20-110A



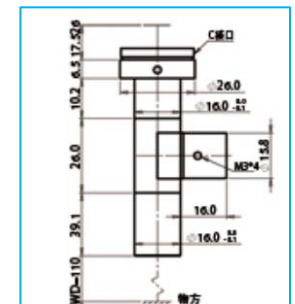
SYL30-110A



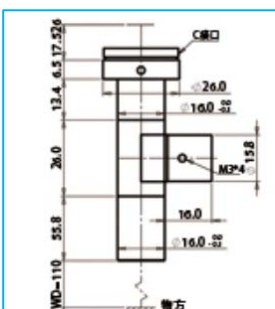
SYL40-110A



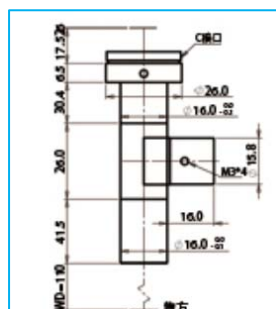
SYL08-110C



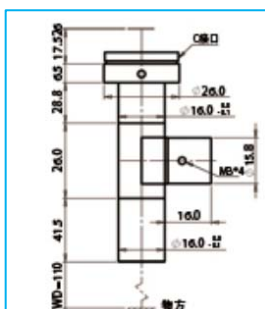
SYL10-110C



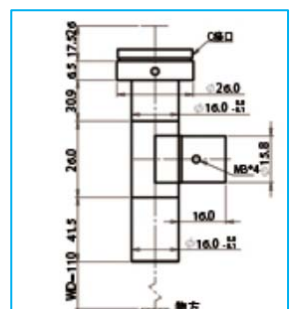
SYL15-110C



SYL20-110C



SYL30-110C

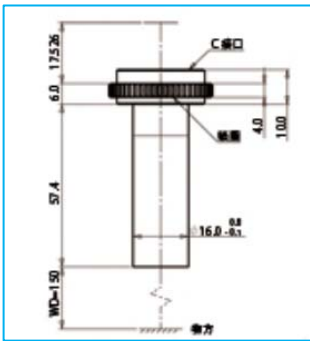


工作距離:150mm

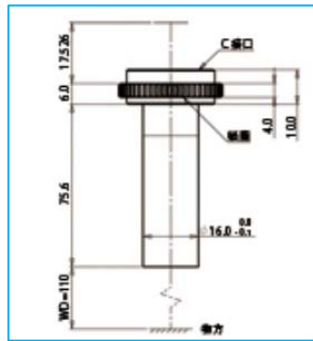


型號	倍率	WD	總長 L	L1	L2	CCD 尺寸	分辨率	景深
SYL05-150A	0.5x	150mm	57.4mm	/	/	1/3"	8.5um	2.00mm
SYL08-150A	0.8x	150mm	74.0mm	/	/	1/2"	9.1um	1.30mm
SYL10-150A	1.0x	150mm	84.2mm	/	/	1/2"	9.1um	1.10mm
SYL15-150A	1.5x	150mm	106mm	/	/	1/2"	8.4um	0.65mm
SYL20-150A	2.0x	150mm	82.0mm	/	/	1/2"	8.4um	0.50mm
SYL30-150A	3.0x	150mm	95.2mm	/	/	1/2"	8.4um	0.30mm
SYL08-150C	0.8x	150mm	/	42.1mm	5.6mm	1/4"	9.1um	1.30mm
SYL10-150C	1.0x	150mm	/	42.1mm	15.7mm	1/3"	9.1um	1.10mm
SYL15-150C	1.5x	150mm	/	42.1mm	25.7mm	1/3"	8.4um	0.65mm
SYL20-150C	2.0x	150mm	/	42.1mm	13.5mm	1/2"	8.4um	0.50mm
SYL30-150C	3.0x	150mm	/	42.1mm	26.7mm	1/2"	9.1um	0.35mm

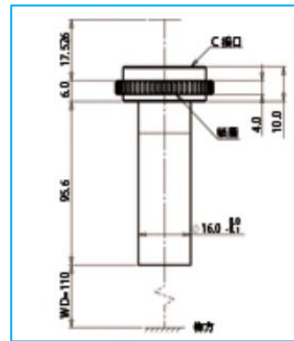
SYL05-150A



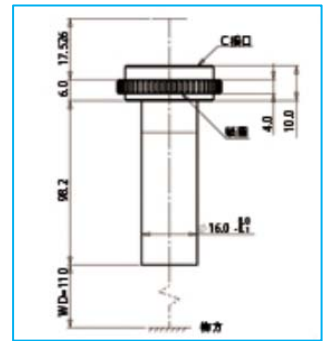
SYL08-150A



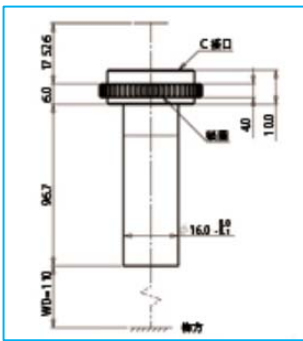
SYL10-150A



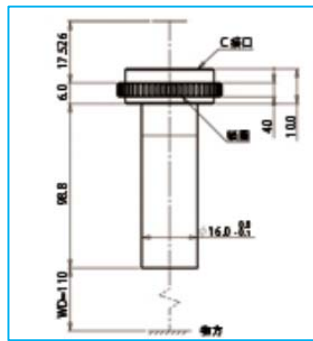
SYL15-150A



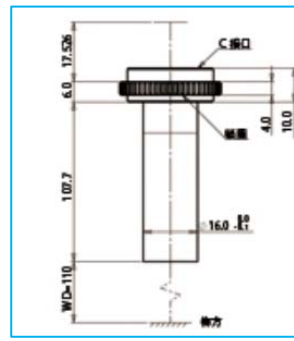
SYL20-150A



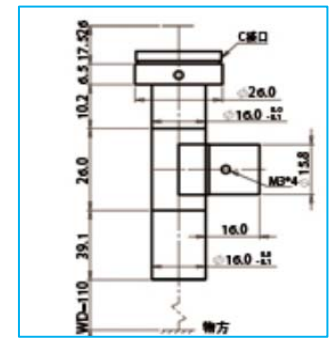
SYL30-150A



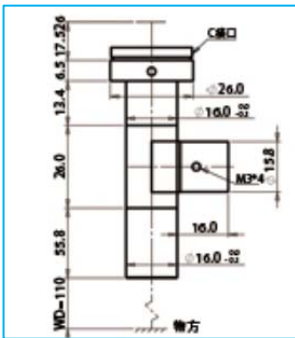
SYL08-150C



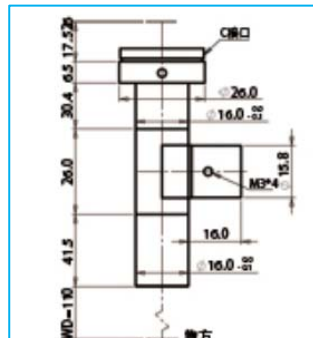
SYL10-150C



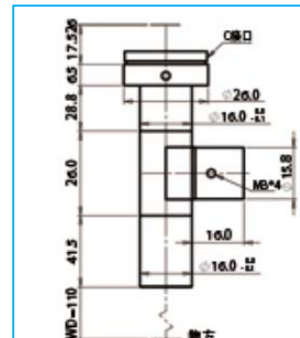
SYL15-150C



SYL20-150C



SYL30-150C

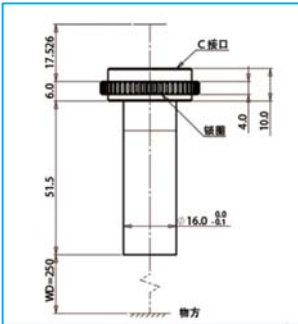


工作距離:250mm

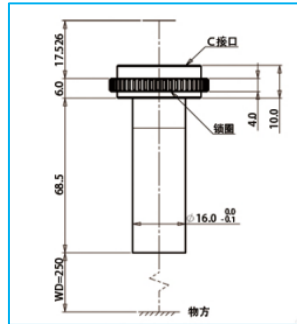


型號	倍率	WD	總長 L	L1	L2	CCD 尺寸	分辨率	景深
SYL03-250A	0.3x	250mm	51.5mm	/	/	1/2"	24.3um	8.50mm
SYL05-250A	0.5x	250mm	68.5mm	/	/	1/2"	21.2um	5.00mm
SYL08-250A	0.8x	250mm	83.5mm	/	/	1/2"	15.0um	2.20mm
SYL10-250A	1.0x	250mm	102.4mm	/	/	1/2"	13.4um	1.60mm
SYL15-250A	1.5x	250mm	104.2mm	/	/	1/2"	13.4um	1.00mm
SYL20-250A	1.5x	250mm	112.8mm	/	/	1/2"	13.4um	0.75mm
SYL15-250C	1.5x	250mm	/	63.8mm	14.6mm	1/4"	13.4um	1.00mm
SYL20-250C	2.0x	250mm	/	63.8mm	23.1mm	1/3"	13.4um	1.00mm

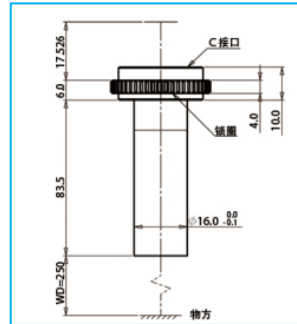
SYL03-250A



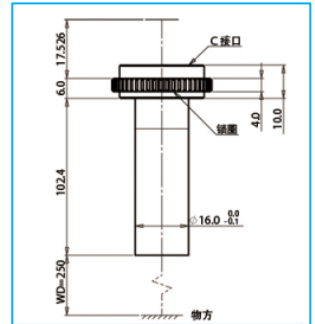
SYL05-250A



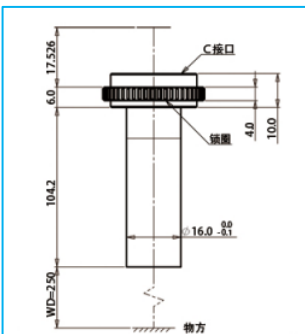
SYL08-250A



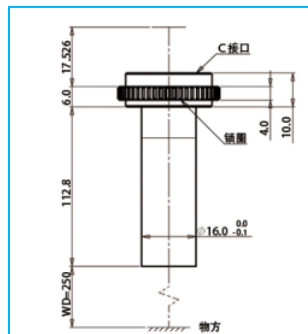
SYL10-250A



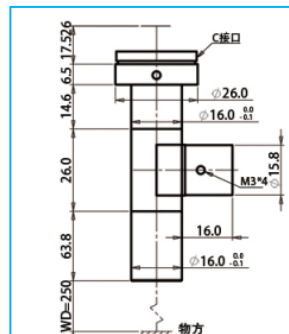
SYL15-250A



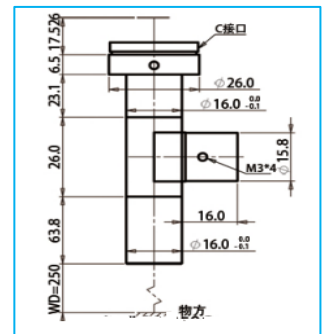
SYL20-250A



SYL15-250C



SYL20-250C



# SYS 系列可調焦視覺檢測鏡頭

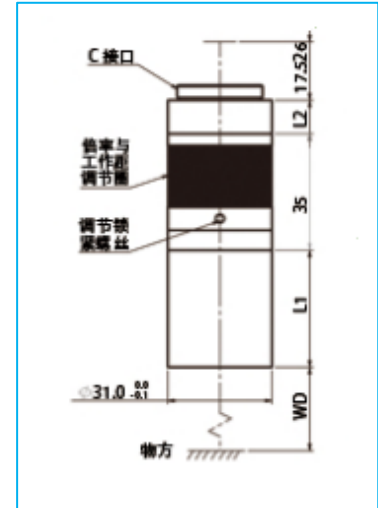
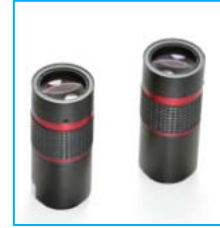


## 特點

- 可直接替代CCTV鏡頭,配合任何型號的 1/2"、1/3"、1/4" CMOS/ CCD 相機
- 針對機器視覺中廣泛使用的固定焦距工業鏡頭的缺點改善而開發
- 在工作距離與放大倍率不能兼顧時,SYS系列鏡頭比定焦CCTV/FA鏡頭更具靈活性
- 沒有調節環,可微調工作距離達到對焦的效果,也可用於不同的倍率和工作距離
- 與CCTV/FA鏡頭比較, SYS系列鏡頭具更高性價比

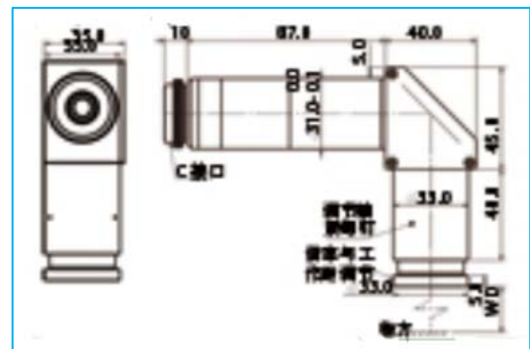
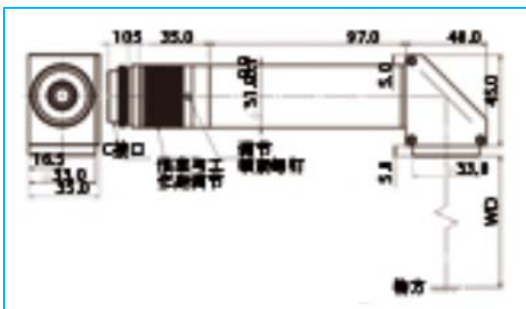
## 後調節

型號	總長 L	光學倍率 調節範圍	WD 調節範圍	可取階段
SYS05-110R	70mm	0.32~0.58	220~97mm	$\beta=0.2$ WD=350
SYS065-90R	80mm	0.46~0.83	118~76mm	$\beta=0.65$ WD=90
SYS10-120R	85mm	1.02~1.03	116~136mm	$\beta=1.0$ WD=120
SYS20-150R	100mm	1.83~2.18	170~130mm	$\beta=0.5$ WD=115
SYS35-100R	125mm	3.2~3.7	95~105mm	$\beta=0.5$ WD=150

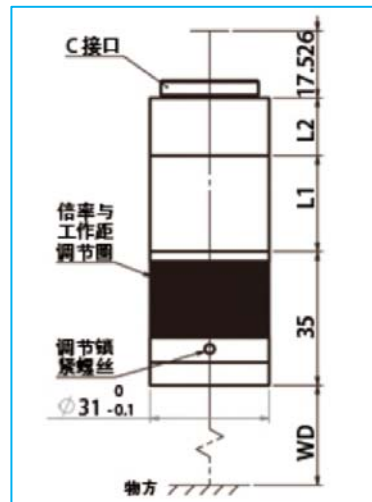


## 加轉鏡稜鏡

型號	總長 L	光學倍率 調節範圍	WD 調節範圍	可取階段
SYS05-800FP	137mm	0.45~0.55	725~1000mm	$\beta=0.5$ WD=800
SYS05-800RP	187mm	0.45~0.55	725~1000mm	$\beta=0.5$ WD=800



## 前調節



型號	總長	光學倍率 調節範圍	WD 調節範圍	可取階段
SYS02-350F	60mm	0.06~0.24	800~278mm	$\beta=0.20$ WD=350
SYS028-400F	65mm	0.14~1.00	800~143mm	$\beta=0.28$ WD=400
SYS05-115F	60mm	0.25~0.69	183~95mm	$\beta=0.50$ WD=115
SYS05-150F	60mm	0.10~0.67	670~125mm	$\beta=0.50$ WD=150
SYS05-200F	55mm	0.10~0.58	790~185mm	$\beta=0.50$ WD=200, $\beta=0.30$ WD=335
SYS05-250F	75mm	0.15~0.63	740~217mm	$\beta=0.50$ WD=250
SYS05-350F	80mm	0.20~1.52	800~134mm	$\beta=0.50$ WD=350
SYS05-420F	95mm	0.33~2.03	590~127mm	$\beta=0.50$ WD=420
SYS07-420F	110mm	0.35~1.56	800~215mm	$\beta=0.70$ WD=420
SYS08-180F	85mm	0.40~1.03	295~149mm	$\beta=0.80$ WD=180
SYS08-200F	90mm	0.41~1.08	420~163mm	$\beta=0.80$ WD=200, $\beta=0.60$ WD=240
SYS10-100F	105mm	0.89~1.13	100~99mm	$\beta=1.00$ WD=100
SYS10-110F	100mm	0.89~1.36	118~102mm	$\beta=1.00$ WD=110
SYS10-150F	85mm	0.40~1.03	295~149mm	$\beta=1.00$ WD=150, $\beta=0.80$ WD=180
SYS10-200F	130mm	0.72~1.14	242~190mm	$\beta=1.00$ WD=200
SYS10-300F	115mm	0.83~2.46	353~155mm	$\beta=1.00$ WD=300
SYS20-110F	100mm	1.40~2.20	125~105mm	$\beta=2.00$ WD=110
SYS20-200F	125mm	0.80~2.66	415~160mm	$\beta=2.00$ WD=200
SYS20-250F	155mm	0.62~2.67	700~200mm	$\beta=2.00$ WD=250
SYS20-350F	180mm	1.20~2.70	600~245mm	$\beta=2.00$ WD=350
SYS30-130F	135mm	2.29~3.76	152~120mm	$\beta=3.00$ WD=130