

Telecentric Lens

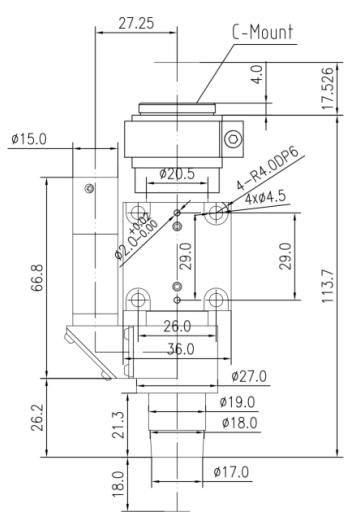
■ Features

- Excellent uniformity throughout the entire field of view
- Extremely high resolution at diffraction limit MTF
- High contrast
- Low distortion

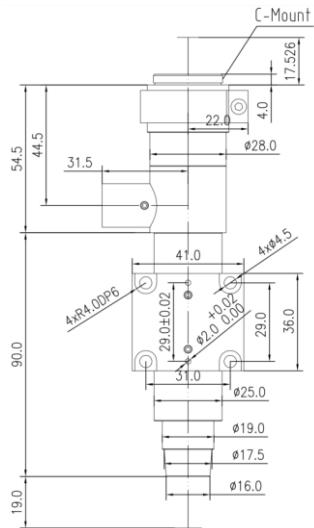


Custom requirements and OEM solutions are available, such as magnification, wavelength, focal length, working distance, FOV, etc.

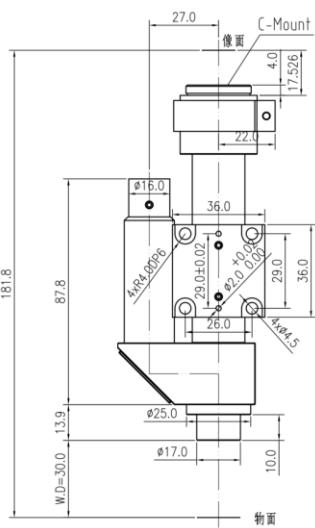
■ Dimensions(mm)



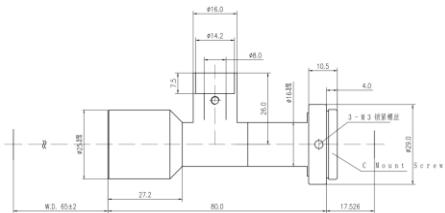
MOT7.5-18-ILL



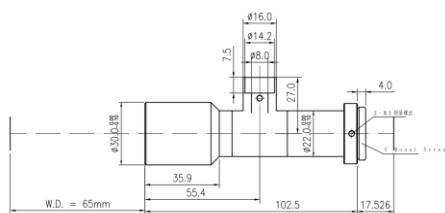
MOT0.75-19C-ST



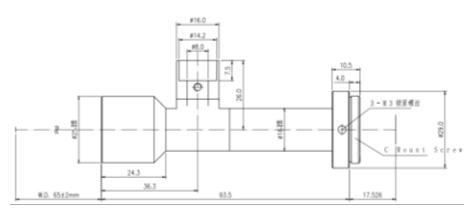
MOT1.5-30-ILL



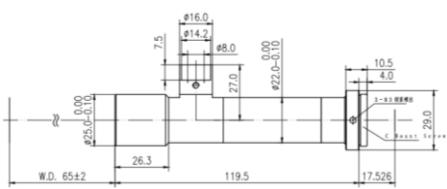
MOT1-65C-HR



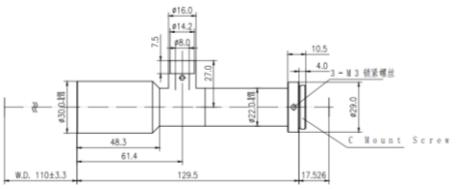
MOT1-SR65C-16



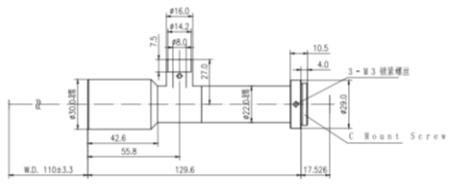
MOT3-65C-HR



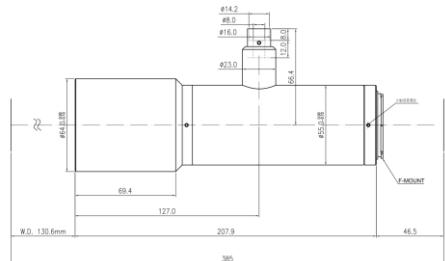
MOT6-65C-HR



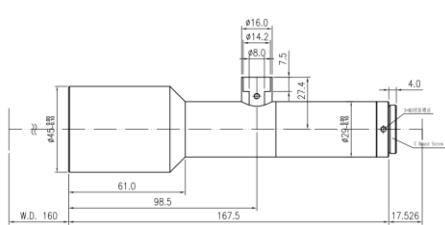
MOT1-110C-HR



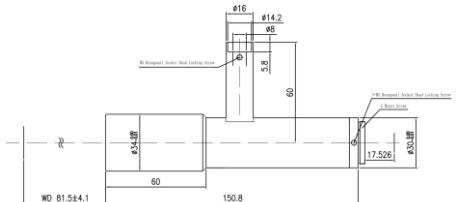
MOT2-110C-HR



MOT1-130C-35F



MBT05-160C-HR



MOT6-NIR-80

■ Specifications

| Model | Mag. | O/I(mm) | R(µm) | NA | F# | DF | D. | IF | WD(mm) | Mount |
|-----------------------|------|---------|-------|-------|------|------|-------|-------|--------|---------|
| MOT7.5-18C-HR | 7.5 | 149.2 | 1.7 | 0.204 | 18.4 | 0.04 | <0.01 | 2/3" | 18 | C-Mount |
| MOT7.5-18-HR | 7.5 | 149.2 | 1.7 | 0.204 | 18.4 | 0.04 | <0.01 | 2/3" | 18 | C-Mount |
| MOT7.5-18-ILL | 7.5 | 149.2 | 1.7 | 0.204 | 18.4 | 0.04 | <0.01 | 2/3" | 18 | C-Mount |
| MOT0.75-19C-ST | 0.75 | 181 | 9 | 0.04 | 12.5 | 1.9 | <0.01 | 1/2" | 19 | C-Mount |
| MOT0.75-19-ILL | 0.75 | 181 | 9 | 0.04 | 12.5 | 1.9 | <0.01 | 1/2" | 19 | C-Mount |
| MOT0.75-19 | 0.75 | 181 | 9 | 0.04 | 12.5 | 1.9 | <0.01 | 1/2" | 19 | C-Mount |
| MOT1.5-30C-HR | 1.5 | 181.8 | 3.5 | 0.075 | 10 | 0.4 | <0.01 | 2/3" | 30 | C-Mount |
| MOT1.5-30-HR | 1.5 | 181.8 | 3.5 | 0.075 | 10 | 0.4 | <0.01 | 2/3" | 30 | C-Mount |
| MOT1.5-30-ILL | 1.5 | 181.8 | 3.5 | 0.075 | 10 | 0.4 | <0.01 | 2/3" | 30 | C-Mount |
| MOT1-65C-HR | 1 | 162.5 | 5.5 | 0.045 | 11 | 0.88 | <0.01 | 2/3" | 65 | C-Mount |
| MOT1-65-HR | 1 | 162.5 | 5.5 | 0.045 | 11 | 0.88 | <0.01 | 2/3" | 65 | C-Mount |
| MOT1-SR65C-16 | 1 | 185 | 3.5 | 0.075 | 6.65 | 0.56 | <0.03 | 1.0" | 65 | C-Mount |
| MOT1-SR65-16 | 1 | 185 | 3.5 | 0.075 | 6.65 | 0.56 | <0.03 | 1.0" | 65 | C-Mount |
| MOT3-65C-HR | 3 | 176 | 3.5 | 0.08 | 18.7 | 0.14 | <0.01 | 2/3" | 65 | C-Mount |
| MOT3-65-HR | 3 | 176 | 3.5 | 0.08 | 18.7 | 0.14 | <0.01 | 2/3" | 65 | C-Mount |
| MOT6-65C-HR | 6 | 202.1 | 3 | 0.112 | 26.7 | 0.06 | <0.01 | 2/3" | 65 | C-Mount |
| MOT6-65-HR | 6 | 202.1 | 3 | 0.112 | 26.7 | 0.06 | <0.01 | 2/3" | 65 | C-Mount |
| MOT1-110C-HR | 1 | 257.6 | 5.5 | 0.045 | 11 | 0.88 | <0.01 | 2/3" | 110 | C-Mount |
| MOT1-110-HR | 1 | 257.6 | 5.5 | 0.045 | 11 | 0.88 | <0.01 | 2/3" | 110 | C-Mount |
| MOT2-110C-HR | 2 | 257.9 | 3.7 | 0.074 | 13.5 | 0.27 | <0.01 | 2/3" | 110 | C-Mount |
| MOT2-110-HR | 2 | 257.9 | 3.7 | 0.074 | 13.5 | 0.27 | <0.01 | 2/3" | 110 | C-Mount |
| MOT2-110C-35F | 2 | 385.4 | 2.5 | 0.125 | 7.99 | 0.16 | <0.03 | Ø35mm | 110 | F-Mount |
| MOT1-130C-35F | 1 | 385 | 4.4 | 0.077 | 6.5 | 0.56 | <0.03 | Ø35mm | 130 | F-Mount |
| MBT05-160C-HR | 0.5 | 345 | 7 | 0.042 | 6 | 2.1 | <0.01 | 2/3" | 160 | C-Mount |
| MBT05-160-HR | 0.5 | 345 | 7 | 0.042 | 6 | 2.1 | <0.01 | 2/3" | 160 | C-Mount |
| MOT6-NIR-80* | 6 | 240 | 4 | 0.15 | 20.1 | 0.03 | <0.01 | 2/3" | 80 | C-Mount |

Note*: MOT6-NIR-80 is short wavelength infrared lens for 770nm~1200nm.