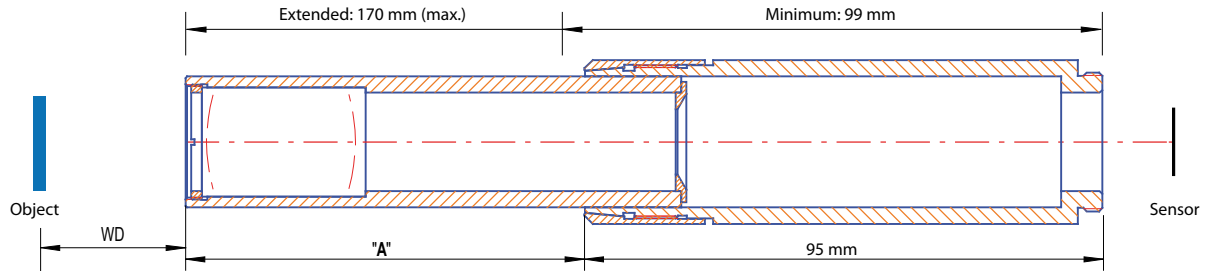


# Lensagon MCV5M



$$-\beta = \frac{\text{Sensor size}}{\text{Object size}}$$

**Example:**

Sensor: 1/3" (4.8 x 3.6mm)

Object: 5 x 5mm

$$-\beta = \frac{3.6}{5.0} = 0.72$$

**A = 13, WD = 125.4**

**„A“ [mm]      -β'      working distance**

|    |       |       |
|----|-------|-------|
| 32 | 1,041 | 100,1 |
| 33 | 1,058 | 99,2  |
| 34 | 1,074 | 98,3  |
| 35 | 1,091 | 97,5  |
| 36 | 1,108 | 96,7  |
| 37 | 1,124 | 95,9  |
| 38 | 1,141 | 95,1  |
| 39 | 1,158 | 94,3  |
| 40 | 1,174 | 93,6  |
| 41 | 1,191 | 92,9  |
| 42 | 1,208 | 92,2  |
| 43 | 1,224 | 91,5  |
| 44 | 1,241 | 90,8  |
| 45 | 1,258 | 90,2  |
| 46 | 1,274 | 89,6  |
| 47 | 1,291 | 89,0  |
| 48 | 1,308 | 88,4  |
| 49 | 1,324 | 87,8  |
| 50 | 1,341 | 87,2  |
| 51 | 1,358 | 86,7  |
| 52 | 1,374 | 86,2  |
| 53 | 1,391 | 85,6  |
| 54 | 1,408 | 85,1  |
| 55 | 1,424 | 84,6  |
| 56 | 1,441 | 84,1  |
| 57 | 1,458 | 83,7  |
| 58 | 1,474 | 83,2  |
| 59 | 1,491 | 82,7  |
| 60 | 1,508 | 82,3  |
| 61 | 1,524 | 81,9  |
| 62 | 1,541 | 81,4  |
| 63 | 1,558 | 81,0  |
| 64 | 1,575 | 80,6  |
| 65 | 1,591 | 80,2  |
| 66 | 1,608 | 79,8  |
| 67 | 1,625 | 79,4  |
| 68 | 1,641 | 79,1  |
| 69 | 1,658 | 78,7  |
| 70 | 1,675 | 78,3  |
| 71 | 1,691 | 78,0  |
| 72 | 1,708 | 77,6  |
| 73 | 1,725 | 77,3  |

**„A“ [mm]      -β'      working distance**

|     |       |       |
|-----|-------|-------|
| 4,4 | 0,581 | 146,0 |
| 5   | 0,591 | 144,2 |
| 6   | 0,607 | 141,4 |
| 7   | 0,624 | 138,7 |
| 8   | 0,641 | 136,2 |
| 9   | 0,657 | 133,8 |
| 10  | 0,674 | 131,6 |
| 11  | 0,691 | 129,4 |
| 12  | 0,707 | 127,4 |
| 13  | 0,724 | 125,4 |
| 14  | 0,741 | 123,5 |
| 15  | 0,757 | 121,7 |
| 16  | 0,774 | 120,0 |
| 17  | 0,791 | 118,4 |
| 18  | 0,808 | 116,8 |
| 19  | 0,824 | 115,3 |
| 20  | 0,841 | 113,9 |
| 21  | 0,858 | 112,5 |
| 22  | 0,874 | 111,1 |
| 23  | 0,891 | 109,9 |
| 24  | 0,808 | 108,6 |
| 25  | 0,924 | 107,4 |
| 26  | 0,941 | 106,3 |
| 27  | 0,958 | 105,2 |
| 28  | 0,974 | 104,1 |
| 29  | 0,991 | 103,0 |
| 30  | 1,008 | 102,0 |
| 31  | 1,024 | 101,1 |