

$$\varphi \approx \omega \times \omega$$

Siho_R =
$$O_15$$

$$\theta_{k} = 0_1524 \quad \text{Crad}$$

$$\theta_{V} = .226 \quad \text{(rad)}$$

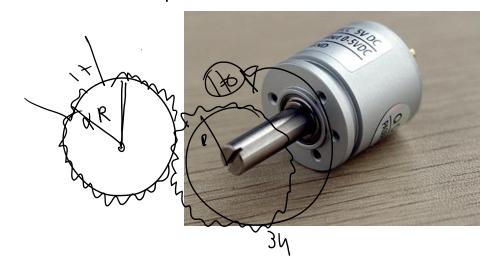
$$d = 1.6 \text{ (m)} = 4.6 \times 15^{6} \text{ (m)}$$

$$\lambda_{R} = 800 \text{ (nm)} = 800 \times 15^{9} \text{ (m)}$$

$$\lambda_{R} = 0.18 \times 10^{-6} \text{ (m)}$$

$$\lambda_{V} = 0.36 \times 10^{-6} \text{ (m)}$$

multiplicator de precision



V=2



E<10" [m)

of = 15H (rad)

¿ wal saia la resolución?

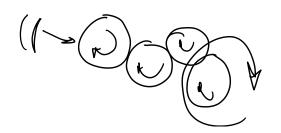
103 (ran

$$\xi = 0 \cdot 10^{-2} (m)$$

1011 7 80.2

Con E=1 (m)

$$\frac{10^{9}}{10^{5}}$$
 (m) = 10^{5} [m) > d (m)



$$R = \frac{\lambda}{\Delta} > 10^{5} \text{ cm}$$

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2. High-Resolution Optical Microscope Camera:

- Pixel pitch: 200 nm
- This means each pixel measures 200 nm from center to center.

$$\Delta \lambda = 200 \times 15^{9} \text{ (M)}$$

$$R = \frac{10^{7}}{1.6^{7}} = 1$$