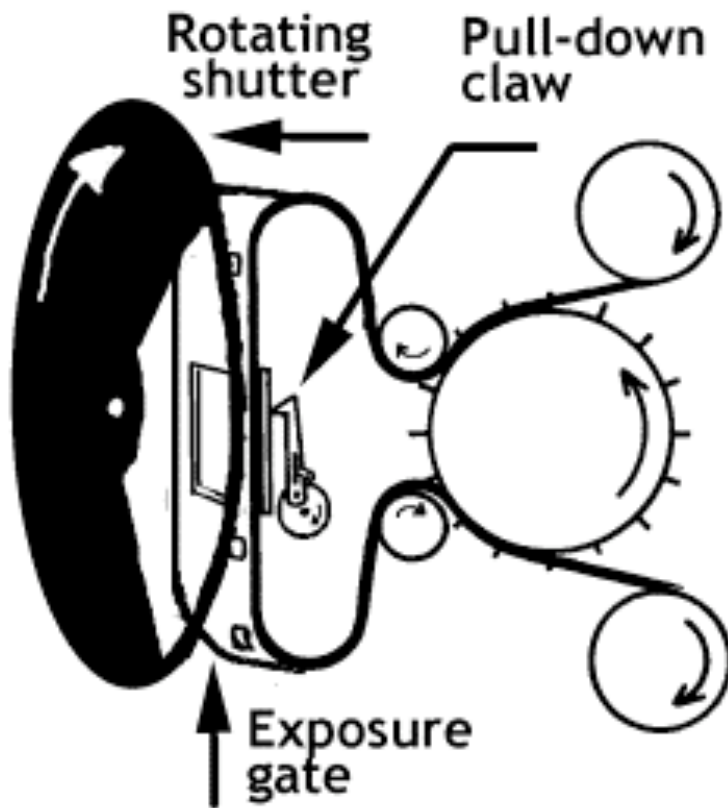


SHUTTER SPEED=SHUTTER ANGLE



Shutter speed to shutter angles at 24 fps the math is $(24 \times 360) / \text{Time Fraction}$

(i.e. $8640 / xx$ where xx is $1/xx$ sec)

So the equivalent shutter angle for $1/50$ sec shutter speed is $8640 / 50 = 172.8$ (i.e 172.8 degrees)

Sec Equivalent Degrees

$$1/32 = 270$$

$$1/48 = 180$$

$$1/50 = 172.8$$

$$1/60 = 144$$

$$1/96 = 90$$

$$1/120 = 72$$