Image dimensions calculation(micrometer)

Standard images-PIV(SRM):

Given:

X = 22.2cm

Y = 14.9cm

1) **PIV1 → 3µm**

4cm = 3µm

X: 22.2cm = 16.65µm (~16.6µm approx)

Y: 14.9cm = 11.175µm (~11.2µm approx)

2) **PIV2 → 2µm**

3.7cm = 2µm

X: 22.2cm = 12µm

Y: 14.9cm = 8µm

3) **PIV3 → 1µm**

2.6cm = 1µm

X: 22.2cm = 8.5µm

Y: 14.9cm = 5.7µm

DS images:

Given:

X = 17.2cm

Y = 14.9cm

1) DS-115-003 -> 10 µm

   4.6cm = 10 µm

   X: 17.2cm = 37.4 µm

   Y: 14.9cm = 32.4 µm

2) DS-115-004 -> 5 µm
   5.7cm = 5 µm

   X: 17.2cm = 15 µm
   Y: 14.9cm = 13 µm

3) DS-115-005 -> 2 µm
   4.6cm = 2 µm

   X: 17.2cm = 7.5 µm
   Y: 14.9cm = 6.5 µm