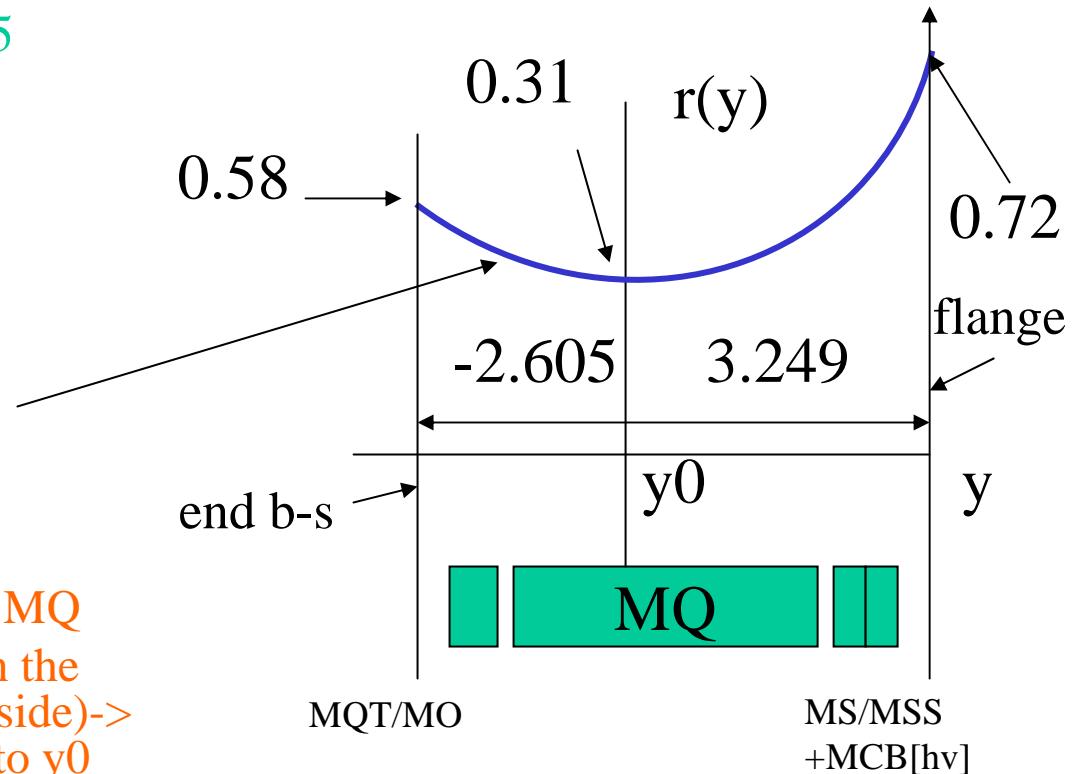


# SSS geom spec at WP18

See draft doc sent 13th Feb 05

- $g = 0.48$  mm
- $r_0 = 0.31$  mm
- $a_0 = 3.92e-2$  ,  
 $r(y) = r_0 + a_0 * (y-y_0)^2$



- $y_0$  is the magnetic center of the MQ
- $y_0$  at 3.249m from the flange on the right side (no flange on the left side)-> use right side flange to relate  $y$  to  $y_0$
- Tolerance for the BPM support: 0.2mm (G. Schneider)
- Drift-tube comes in at SMI2 → procedure to set separately

BJ, with SF + Ivar Waarum  
MEB 71, 14th Feb 2005, upd. 18th feb