

Agreement on geometries between the Q-magnet and Q-BPM

Q-BPMs will be attached on the magnet's surface, (may be on the upstream side because we want to use the magnet mover to calibrate BPMs). The area for this is shown in the right figure, the circle with 100 mm diameter at the center of the magnet.

The coil windings will be extended in the longitudinal direction as shown in the left figure. It will be within 60 mm.

The BPM's feedthroughs (and the cable) have to be out side of this area if it exceeds the 100 mm diameter center circle transverse direction.

