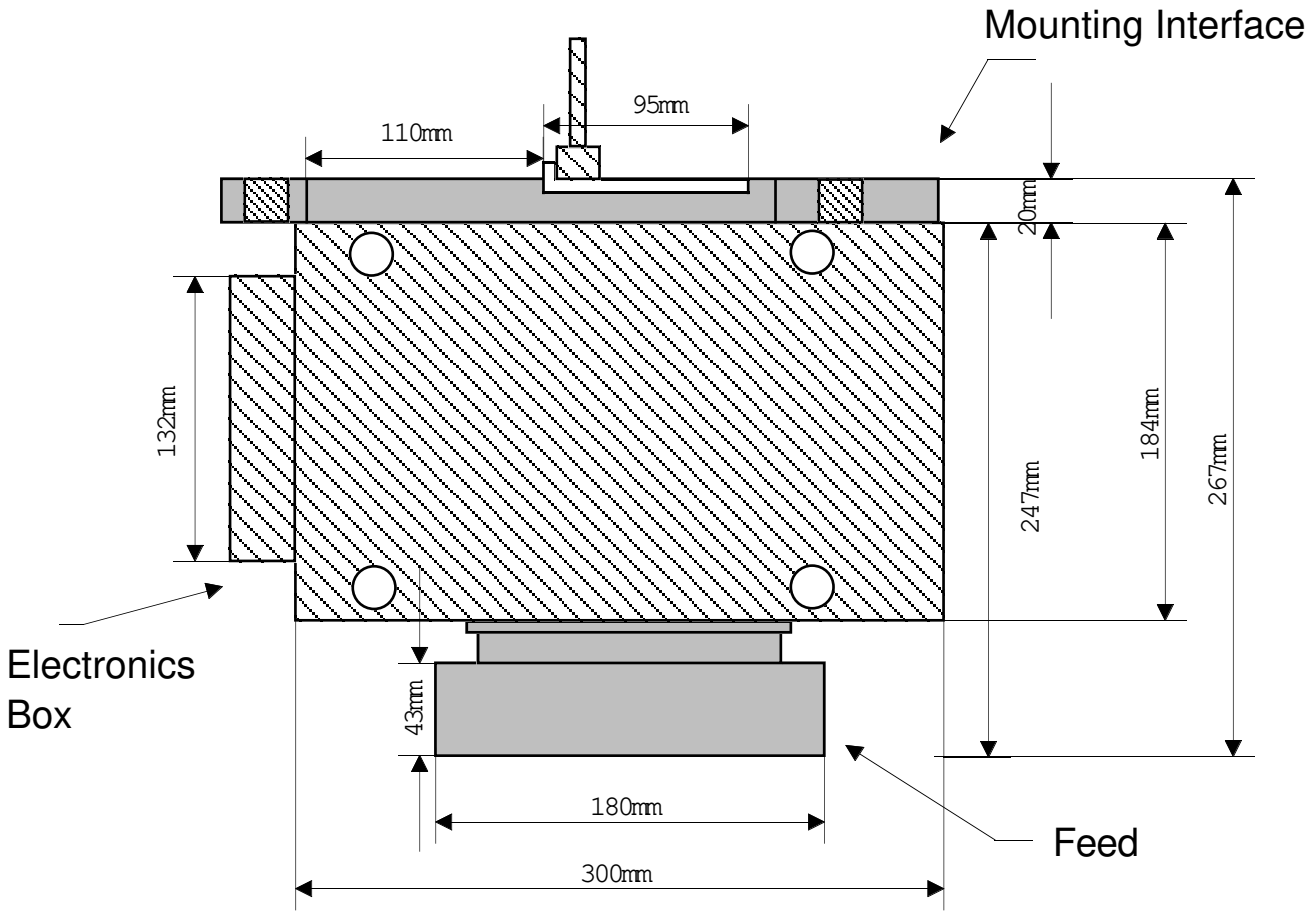GEM Side View