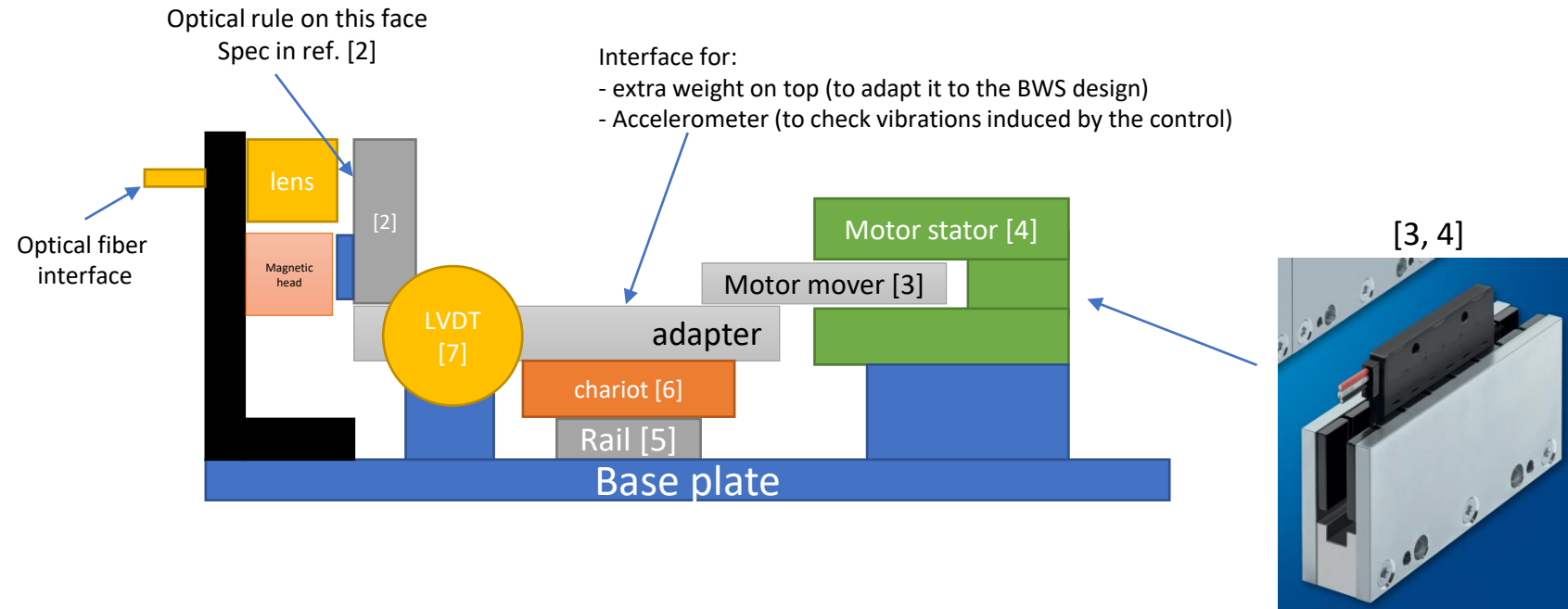
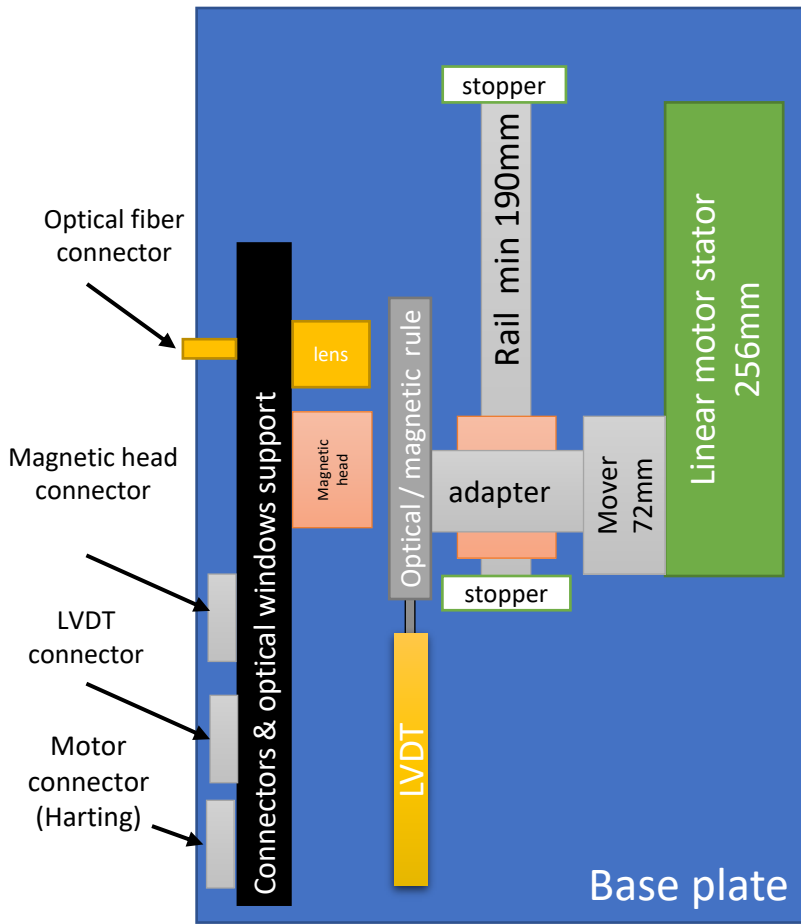


# Conceptual design of a linear motor bench (LMB) for motion control development and in-vacuum linear optical encoder test targeting a linear actuator for the Beam Instrumentation Group



- [1] Linear motor survey for the linear wire-scanner: <https://edms.cern.ch/document/2819315/1>
- [2] Optical rule integration into the BWS LHC forks: <https://edms.cern.ch/document/2670995/1>  
+ Magnetic way to use head from RLS "LA11SIC13BKA25DF00" (as on the BAT bench)
- [3] Linear motor mover ETEL ILF+03-030-KA
- [4] Linear motor stator ETEL IWF+030-0256-AA0
- [5] linear guide MN 15-350-G3-V0 - Guidage linéaire 15/350 mm, Schneeberge (or similar)
- [6] MNN 15-G3 - Chariot à guidage linéaire 15 mm, Schneeberger (or similar)
- [7] LVDT Solartron Metrology S050.0 ~100mm stroke or S100.0 for 200mm stroke

