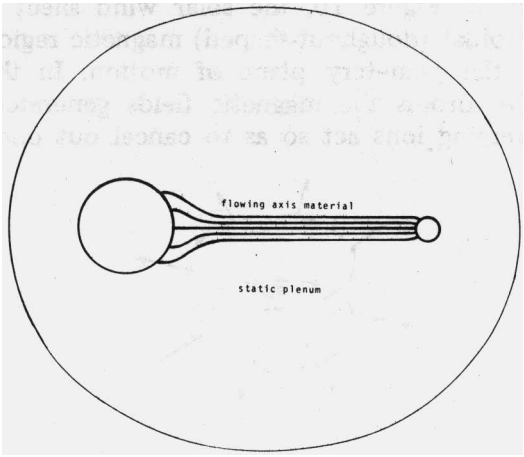
flowing axis material
static plenum