M.E.M: MANUAL ELEVATION MECHANISM

REF.20504

AERODYNAMIC TEST

KTM 790 ADVENTURE/R 2019-





AIR FLOW & PREASSURE COMPARISON



TOTAL DISSIPATED PRESSURE WITH M.E.M. IS EQUIVALENT TO $0.8~{
m Kg}$

INCREASE WIND PROTECTION

88% WITHOUT LOSING Cx

AERODYNAMIC TEST CONDITIONS

VSPEED	150 Km/h	94 mph
RIDER HEIGH	180 cm	5.9 ft
TEMPERATURE	20°	68°F
RIDER POSITION		Standard
LATERAL WIND		No



ACOUSTIC POWER LEVEL COMPARISON

50dB zone:

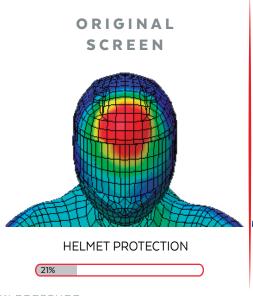
The green cloud that we can see in the following images defines the area affected by a sound level of 50dB. As we can see, when mounting the M.E.M. in high position, we managed to remove all that annoying sound from the helmet area.

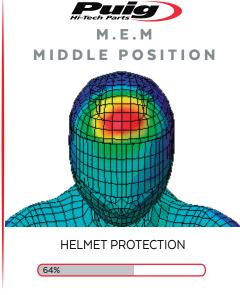
ORIGINAL SCREEN

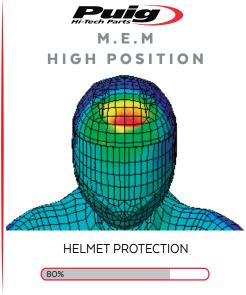




HELMET PREASSURE COMPARISON







OW PRESSURE HIGH PRESSURE