

CFD FLOW SIMULATION

BATWING SML TOURING MODEL

REF.21048

AERODYNAMIC TEST

B M W R 1 8
2 0 2 0 -

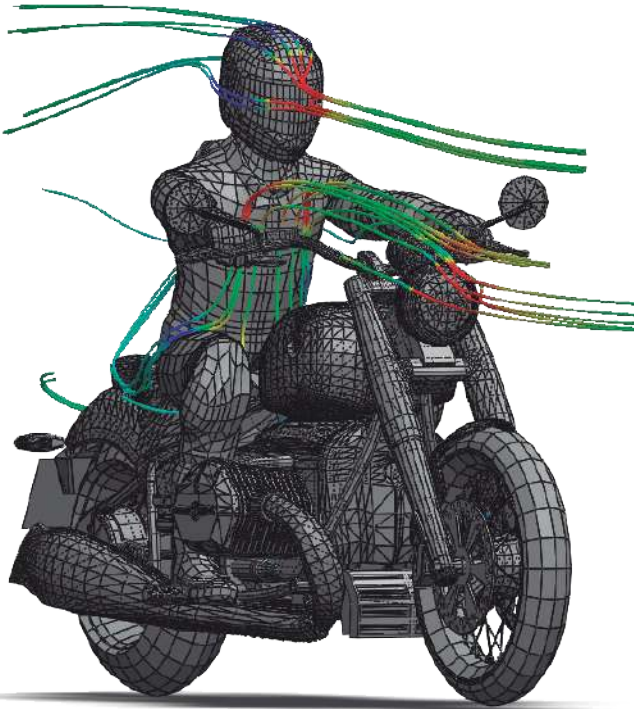


AIR FLOW & PREASSURE COMPARISON

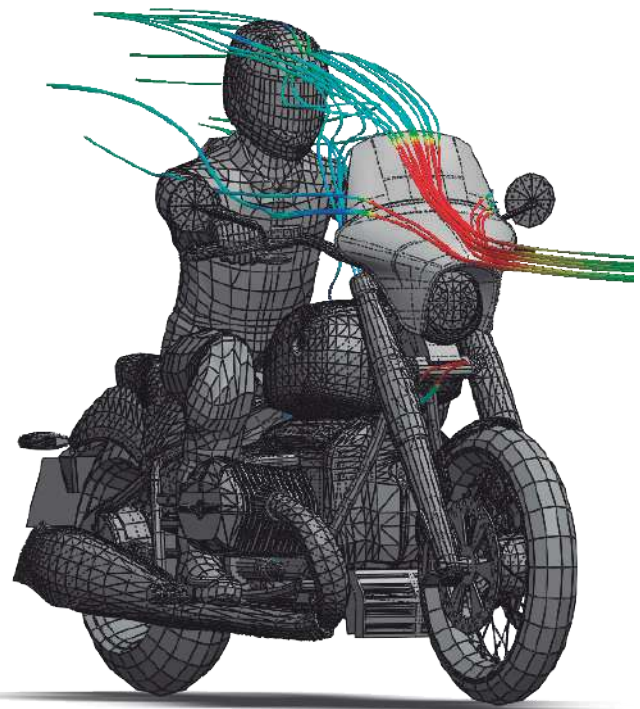


OEM

WITHOUT SCREEN



BATWING SML TOURING MODEL



HELMET PROTECTION

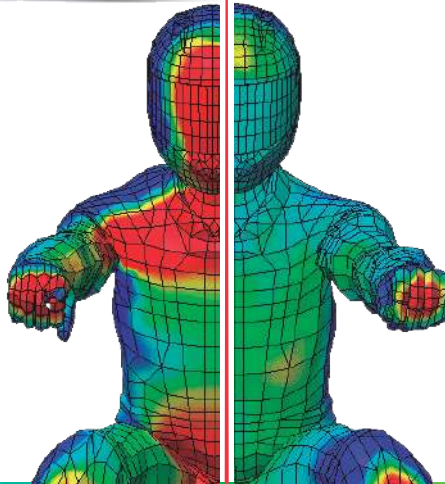
16%

UPPER BODY PROTECTION

46%

LOW BODY PROTECTION

78%



HELMET PROTECTION

89%

UPPER BODY PROTECTION

100%

LOW BODY PROTECTION

100%

LOW PRESSURE

HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH PUIG SCREEN IS EQUIVALENT TO **5,95 Kg**

INCREASE WIND PROTECTION

73% WITHOUT LOSING C_x

AERODYNAMIC TEST CONDITIONS

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