

CFD FLOW SIMULATION

TOURING SCREEN

REF.20447

AERODYNAMIC TEST

BMW S1000XR
2020 -

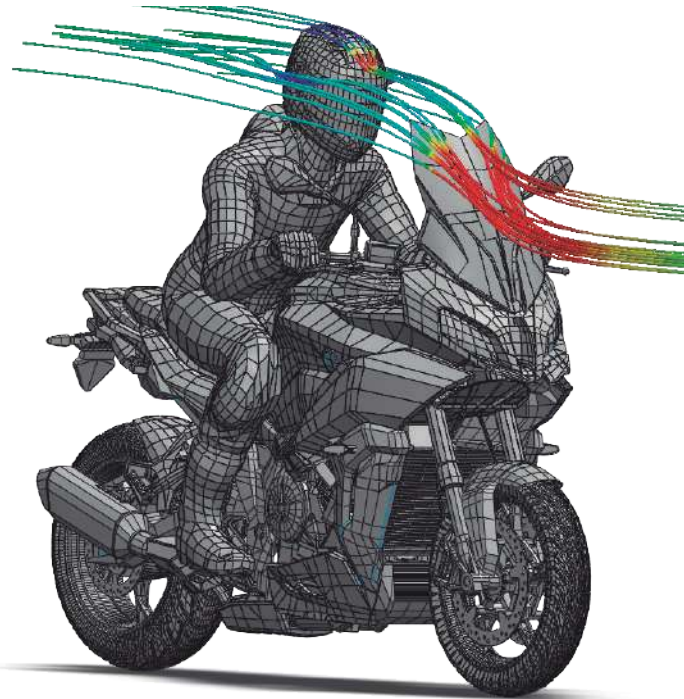
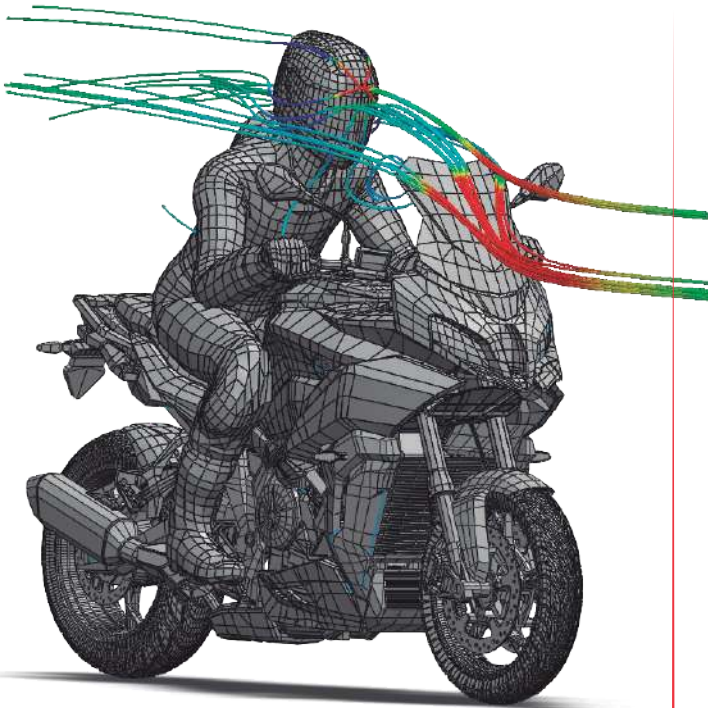


AIR FLOW & PREASSURE COMPARISON



ORIGINAL SCREEN

TOURING SCREEN



HELMET PROTECTION

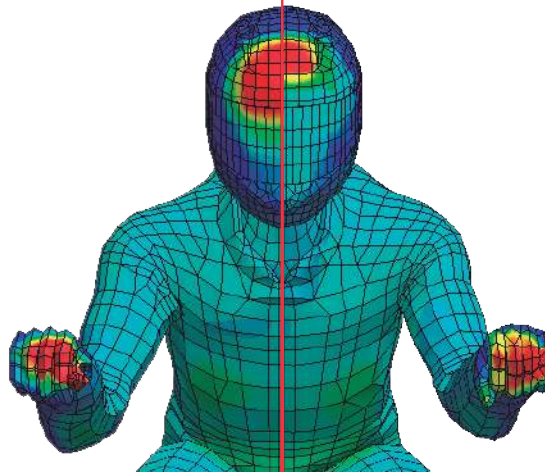
67%

UPPER BODY PROTECTION

100%

LOW BODY PROTECTION

100%



HELMET PROTECTION

82%

UPPER BODY PROTECTION

100%

LOW BODY PROTECTION

100%

PRESSURE

HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH PUIG SCREEN IS EQUIVALENT TO 0,4 Kg

INCREASE WIND PROTECTION

25% WITHOUT LOSING Cx

AERODYNAMIC TEST CONDITIONS

SPEED	150 Km/h	93 mph
RIDER HEIGHT	180 cm	5.9 ft
TEMPERATURE	20°	68°F
RIDER POSITION	Standard	
LATERAL WIND	No	