

CFD FLOW SIMULATION

# WINDSHIELD NG SPORT

REF.20886/20887

AERODYNAMIC TEST

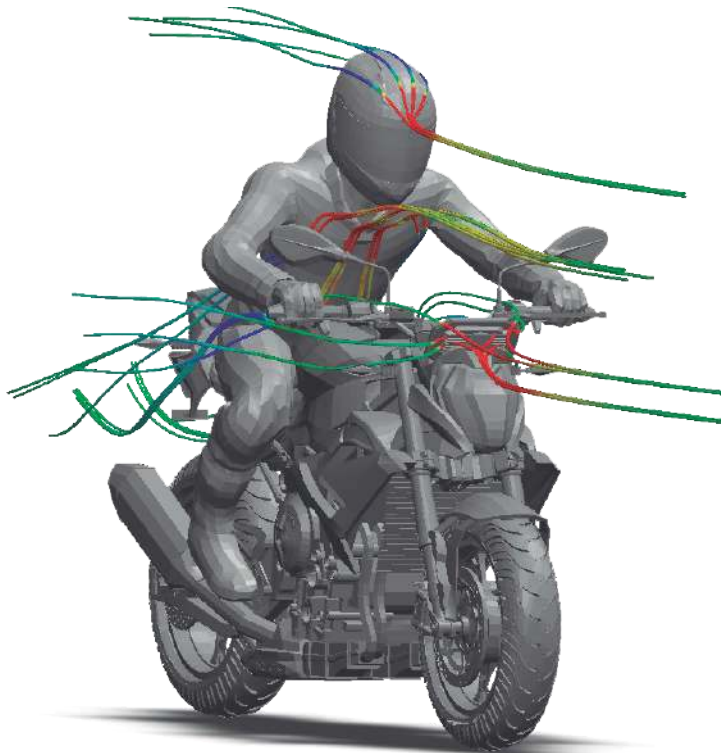
**B M W S 1 0 0 0 R**  
2 0 2 1 -



## AIR FLOW &amp; PREASSURE COMPARISON

OEM

WITHOUT WINDSHIELD



HELMET PROTECTION

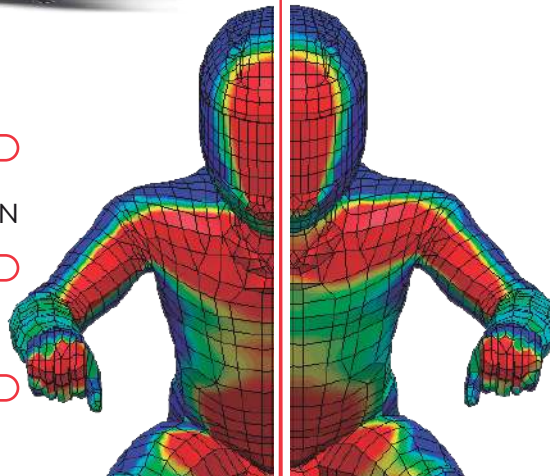
2%

UPPER BODY PROTECTION

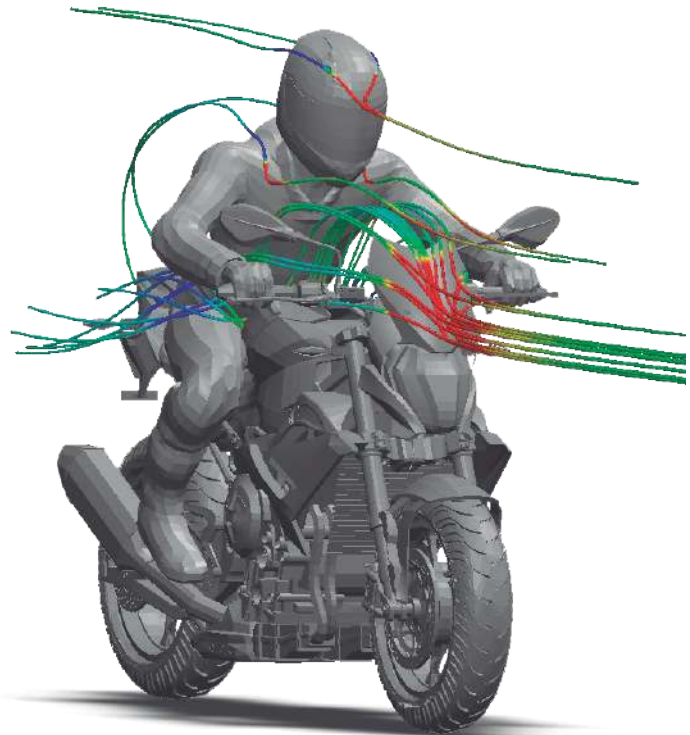
18%

LOW BODY PROTECTION

20%


**Puig**  
 Hi-Tech Parts

WINDSHIELD NG SPORT



HELMET PROTECTION

5%

UPPER BODY PROTECTION

36%

LOW BODY PROTECTION

58%

LOW PRESSURE

HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH PUIG SCREEN IS EQUIVALENT TO 1,9 Kg

INCREASE WIND PROTECTION

**22%** 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       |        |