

CFD FLOW SIMULATION

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SEMIFAIRING BATWING SML TOURING MODEL

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REF.21215

AERODYNAMIC TEST

**HARLEY DAVIDSON SOFTAIL  
STREET BOB FXBB**

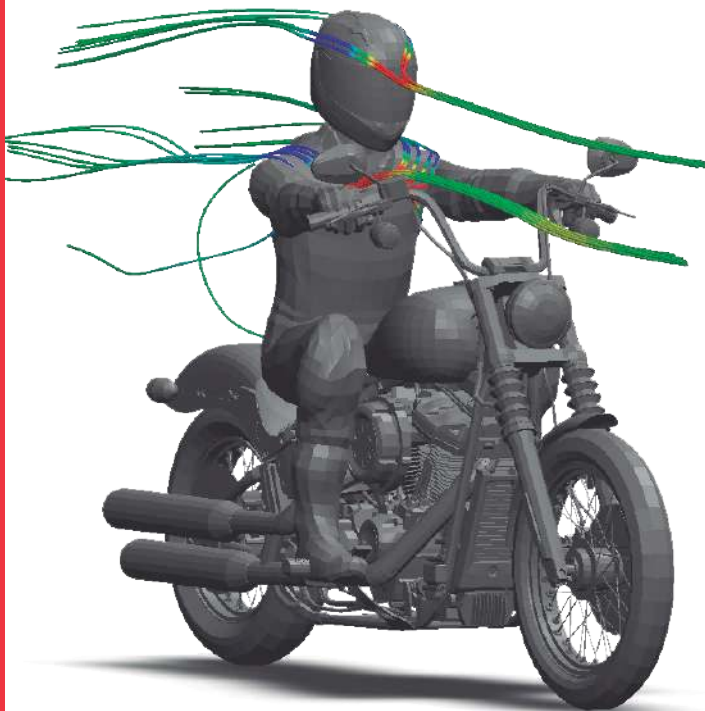
2021 -



## AIR FLOW &amp; PREASSURE COMPARISON

OEM

WITHOUT WINDSHIELD



HELMET PROTECTION

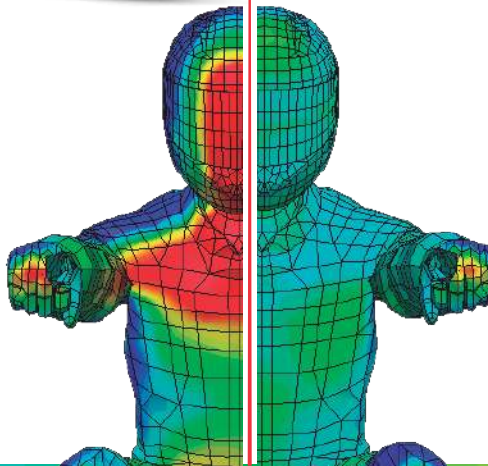
6%

UPPER BODY PROTECTION

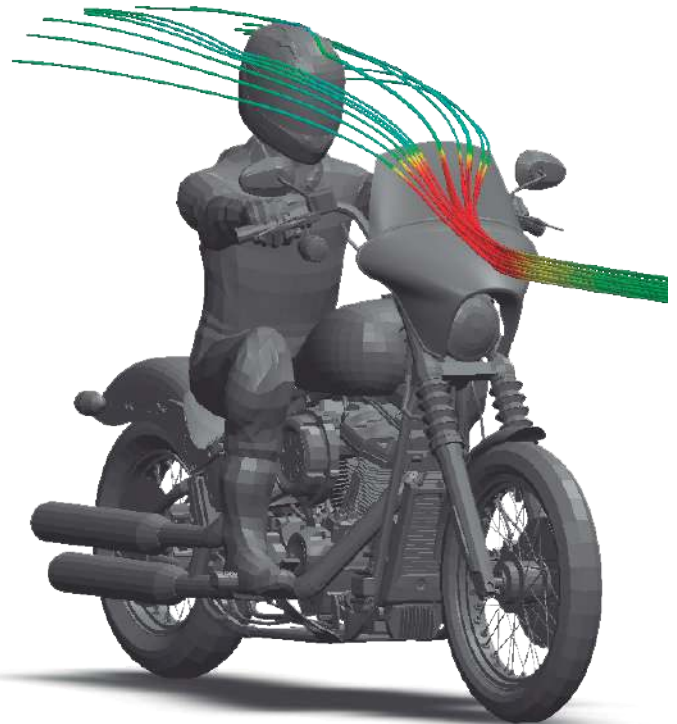
18%

LOW BODY PROTECTION

87%


**Puig**  
 Hi-Tech Parts

BATWING SML TOURING MODEL



HELMET PROTECTION

99%

UPPER BODY PROTECTION

100%

LOW BODY PROTECTION

100%

LOW PRESSURE

HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH PUIG SCREEN IS EQUIVALENT TO **3,2 Kg**

INCREASE WIND PROTECTION

**57%** WITHOUT LOSING  $C_x$ 

## AERODYNAMIC TEST CONDITIONS

|                |          |        |
|----------------|----------|--------|
| SPEED          | 120 Km/h | 94 mph |
| RIDER HEIGH    | 180 cm   | 5.9 ft |
| TEMPERATURE    | 20°      | 68°F   |
| RIDER POSITION | Standard |        |
| LATERAL WIND   | No       |        |