

CFD FLOW SIMULATION

SEMIFAIRING DARKNIGHT

REF.21213

AERODYNAMIC TEST

**HARLEY DAVIDSON SOFTAIL
STREET BOB FXBB**

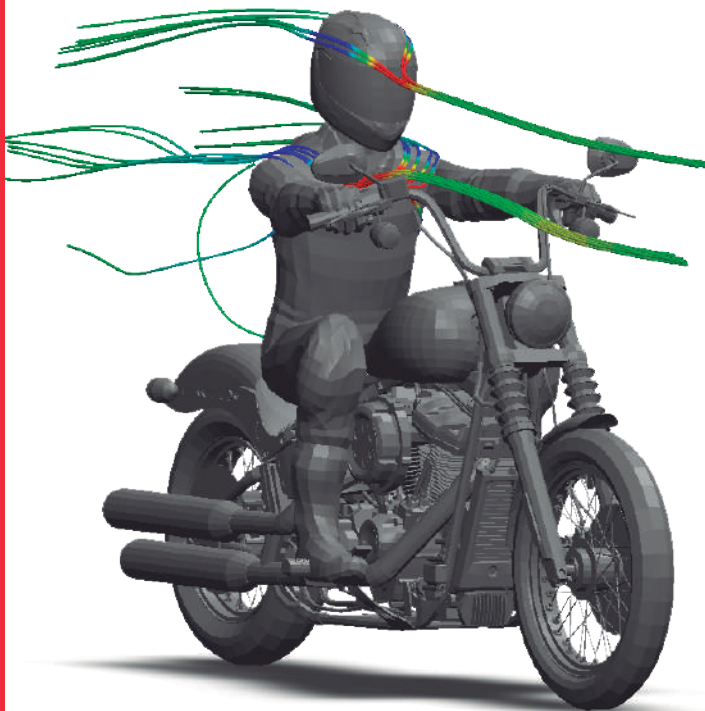
2021 -



AIR FLOW & PREASSURE COMPARISON

OEM

WITHOUT WINDSHIELD



HELMET PROTECTION

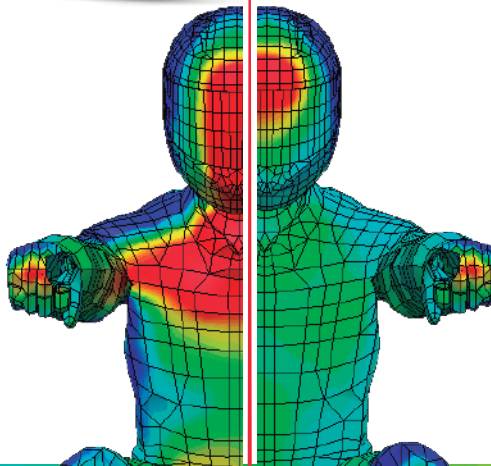
6%

UPPER BODY PROTECTION

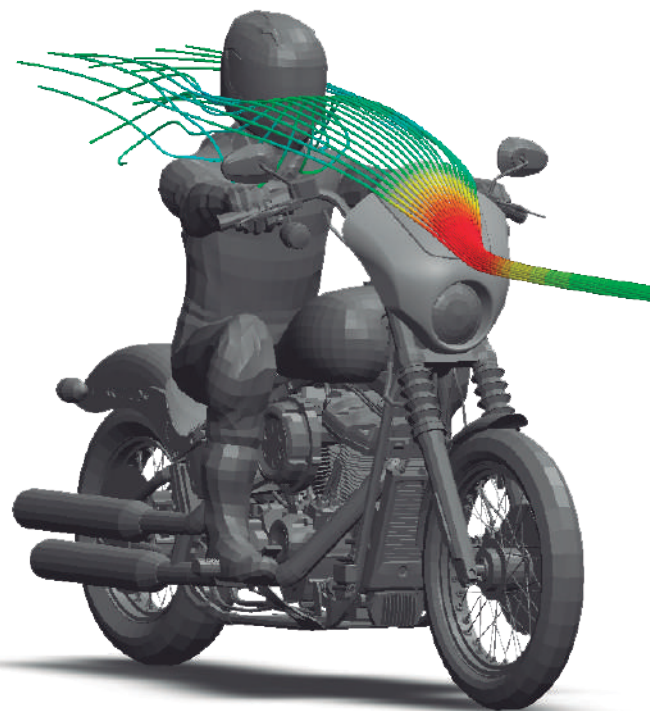
18%

LOW BODY PROTECTION

87%


Puig
 Hi-Tech Parts

SEMIFAIRING DARKNIGHT



HELMET PROTECTION

38%

UPPER BODY PROTECTION

100%

LOW BODY PROTECTION

100%

LOW PRESSURE

HIGH PRESSURE

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

INCREASE WIND PROTECTION

42% 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	