

CFD FLOW SIMULATION

SEMIFAIRING BATWING SML SPORT MODEL

REF.21214

AERODYNAMIC TEST

**HARLEY DAVIDSON SOFTAIL
STREET BOB FXBB**

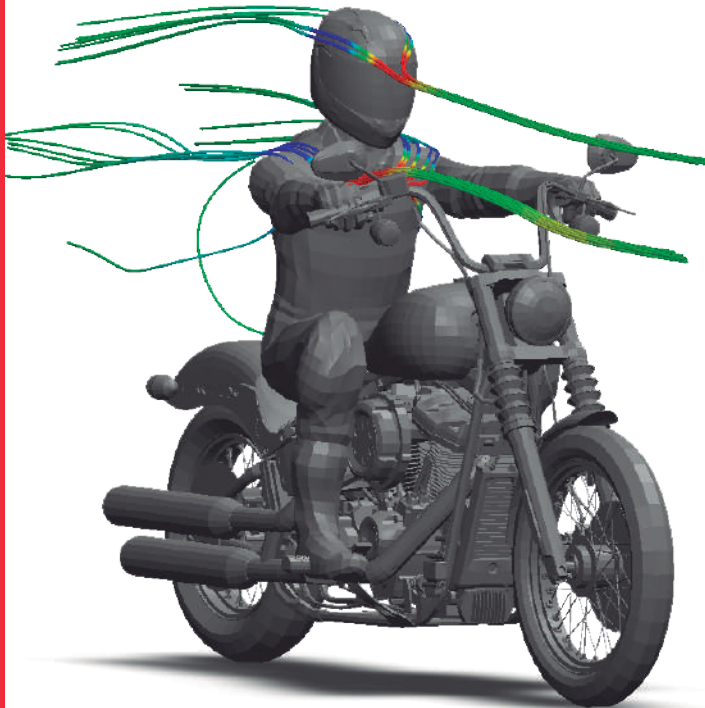
2021 -



AIR FLOW & PREASSURE COMPARISON

OEM

WITHOUT WINDSHIELD



HELMET PROTECTION

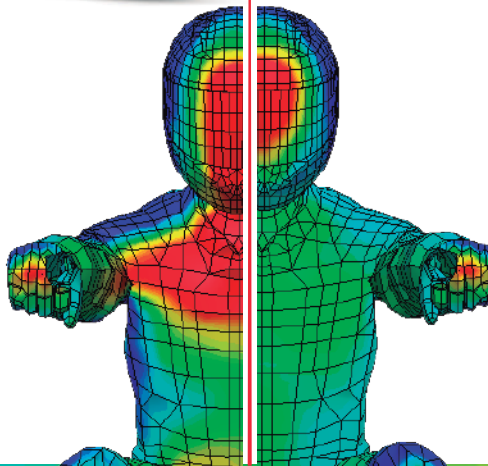
6%

UPPER BODY PROTECTION

18%

LOW BODY PROTECTION

87%

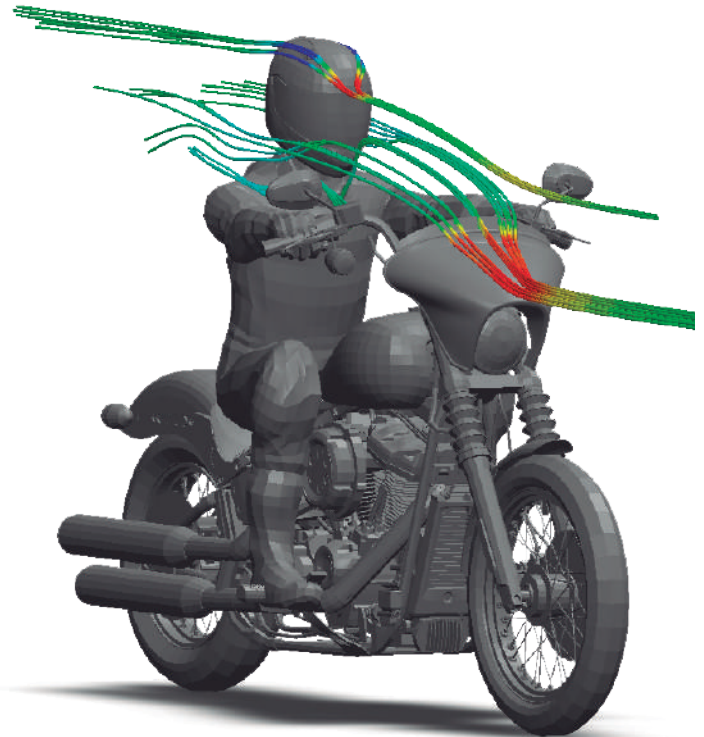


LOW PRESSURE

HIGH PRESSURE

Puig
Hi-Tech Parts

BATWING SML SPORT MODEL



HELMET PROTECTION

29%

UPPER BODY PROTECTION

100%

LOW BODY PROTECTION

100%

TOTAL DISSIPATED PRESSURE WITH PUIG SCREEN IS EQUIVALENT TO 2,1 Kg

INCREASE WIND PROTECTION

38% 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	