

CFD FLOW SIMULATION

BATWING SML TOURING SEMIFARING

REF.21054

AERODYNAMIC TEST

**HARLEY DAVIDSON SPORTSTER
IRON 883 / 1200**



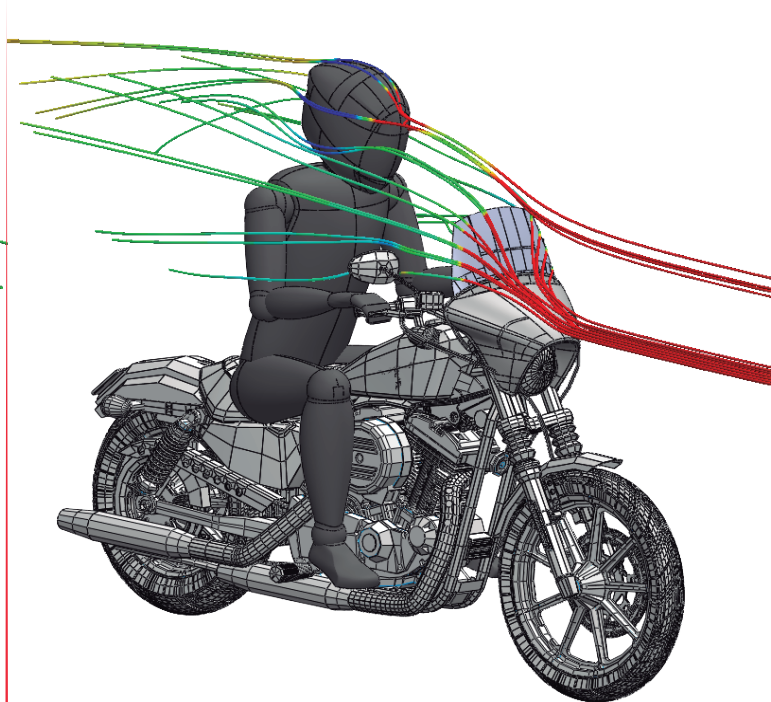
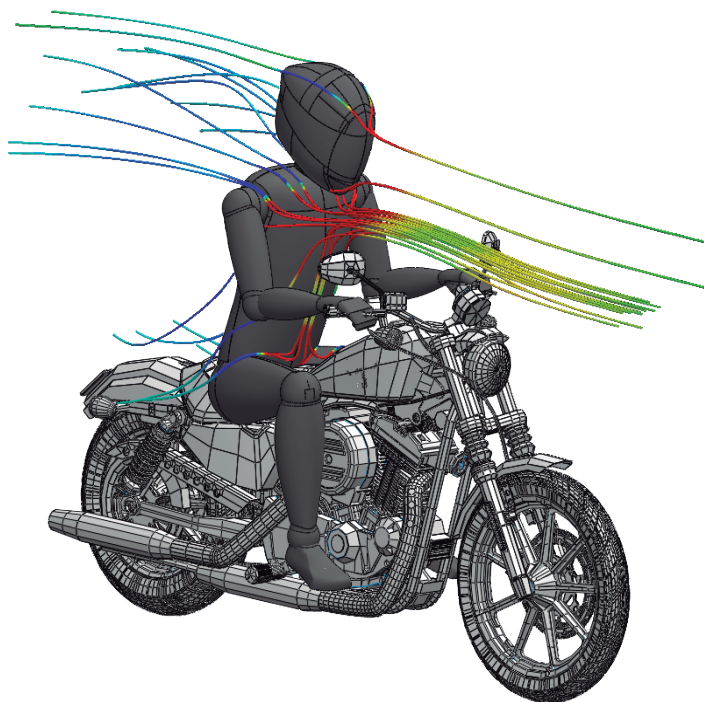
AIR FLOW & PREASSURE COMPARISON

OEM

WITHOUT WINDSHIELD

Puig
 Hi-Tech Parts

BATWING SML TOURING



HELMET PROTECTION

5%

UPPER BODY PROTECTION

30%

LOW BODY PROTECTION

50%

HELMET PROTECTION

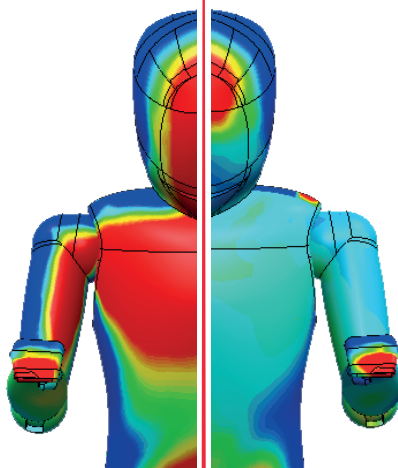
60%

UPPER BODY PROTECTION

95%

LOW BODY PROTECTION

100%



LOW PRESSURE

HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH PUIG SCREEN IS EQUIVALENT TO **9,2 Kg**

INCREASE WIND PROTECTION

79% WITHOUT LOSING C_x

AERODYNAMIC TEST CONDITIONS

SPEED	120 Km/h	75 mph
RIDER HEIGH	180 cm	5.9 ft
TEMPERATURE	20°	68°F
RIDER POSITION	Standard	
LATERAL WIND	No	