

CFD FLOW SIMULATION

WINDSHIELD NG TOURING

REF.21322

AERODYNAMIC TEST

**HARLEY DAVIDSON
SPORTSTER S RH1250S**

2021 -



AIR FLOW & PREASSURE COMPARISON

OEM

WITHOUT WINDSHIELD



HELMET PROTECTION

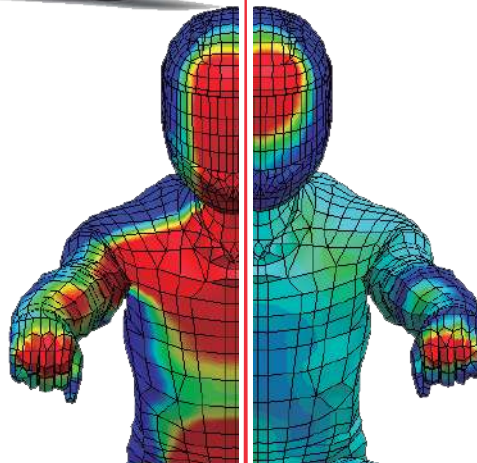
2%

UPPER BODY PROTECTION

6%

LOW BODY PROTECTION

14%

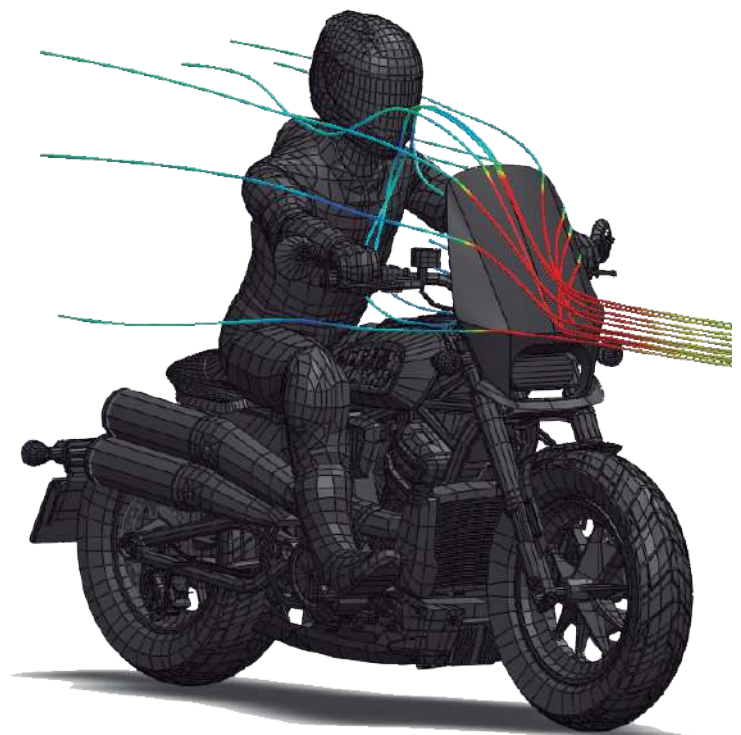


LOW PRESSURE

HIGH PRESSURE

Puig
 Hi-Tech Parts

WINDSHIELD NG TOURING



HELMET PROTECTION

58%

UPPER BODY PROTECTION

100%

LOW BODY PROTECTION

100%

TOTAL DISSIPATED PRESSURE WITH PUIG SCREEN IS EQUIVALENT TO 7,5 Kg

INCREASE WIND PROTECTION

68% WITHOUT LOSING Cx

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	