

CFD FLOW SIMULATION

SEMIFAIRING MIRAGE SPORT MODEL

REF.21331

AERODYNAMIC TEST

**HARLEY DAVIDSON SOFTAIL
STREET BOB FXBB**

2021 -



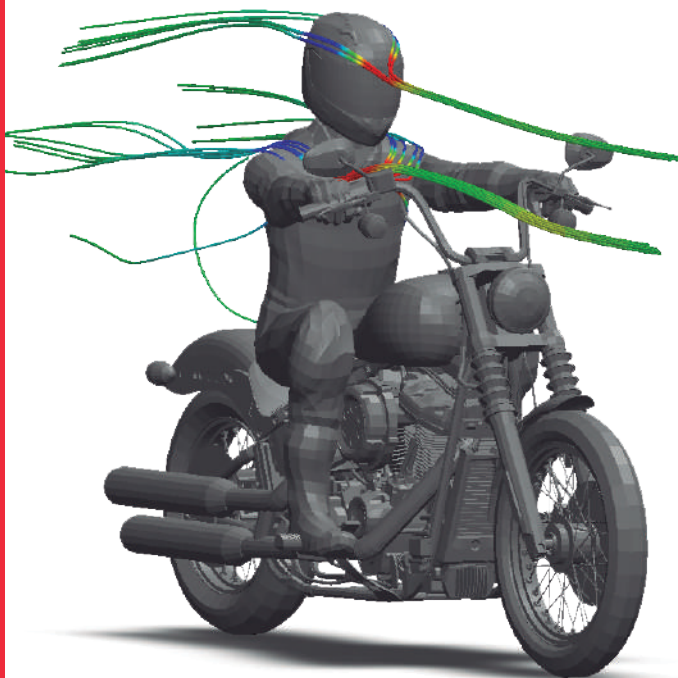
AIR FLOW & PREASSURE COMPARISON

OEM

ORIGINAL SCREEN

Puig
Hi-Tech Parts

MIRAGE SPORT MODEL



HELMET PROTECTION

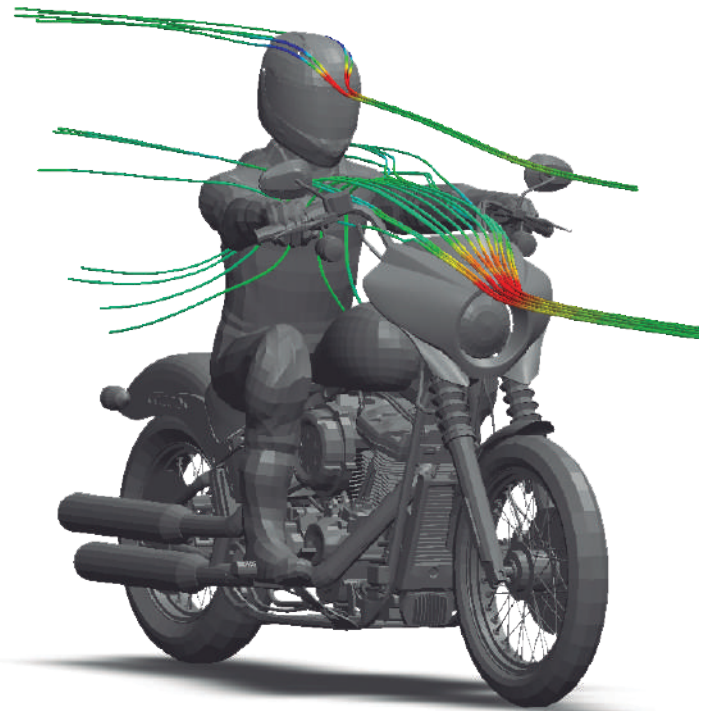
6%

UPPER BODY PROTECTION

18%

LOW BODY PROTECTION

87%



HELMET PROTECTION

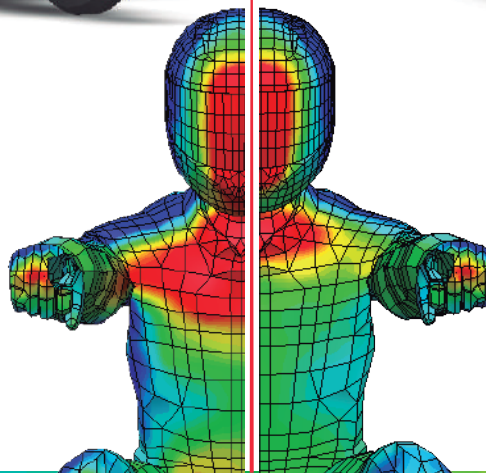
14%

UPPER BODY PROTECTION

77%

LOW BODY PROTECTION

100%



LOW PRESSURE

HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH PUIG SCREEN IS EQUIVALENT TO **0,8 Kg**

INCREASE WIND PROTECTION

14% 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	