

CFD FLOW SIMULATION

# AERODYNAMIC TEST

REF.3613

Z-RACING SCREEN

**HONDA CBR500R**  
2019 -

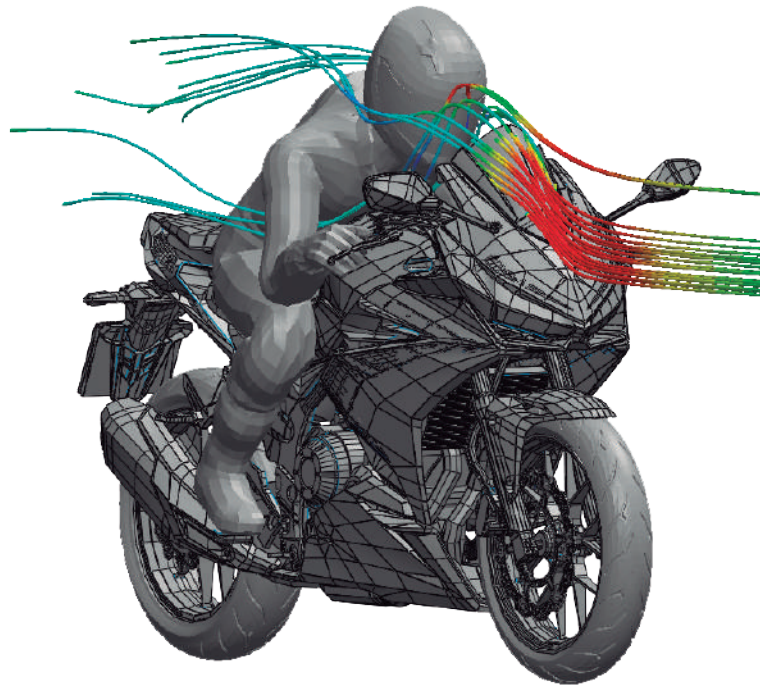
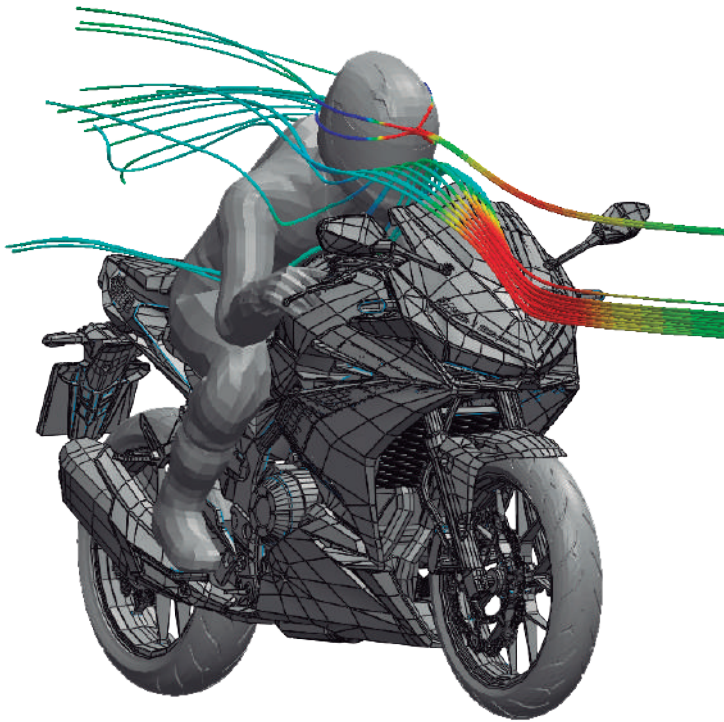


## AIR FLOW &amp; PREASSURE COMPARISON

**Puig**  
 Hi-Tech Parts

## ORIGINAL SCREEN

## Z-RACING SCREEN



## HELMET PROTECTION

51%

## UPPER BODY PROTECTION

100%

## LOW BODY PROTECTION

100%

## HELMET PROTECTION

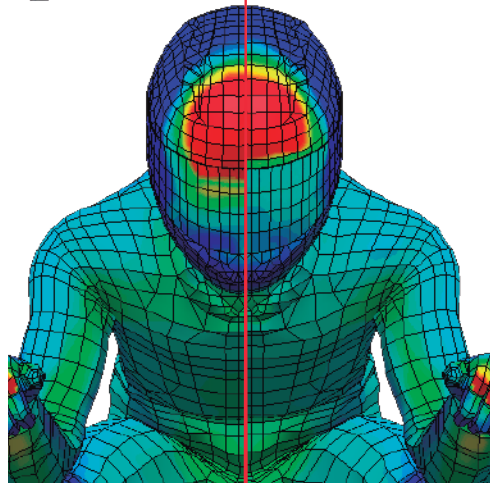
62%

## UPPER BODY PROTECTION

100%

## LOW BODY PROTECTION

100%



LOW PRESSURE

HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH PUIG SCREEN IS EQUIVALENT TO **0,34 Kg**

## INCREASE WIND PROTECTION

**23%** WITHOUT LOSING  $C_x$ 

## AERODYNAMIC TEST CONDITIONS

|                |          |        |
|----------------|----------|--------|
| VSPEED         | 150 Km/h | 94 mph |
| RIDER HEIGH    | 180 cm   | 5.9 ft |
| TEMPERATURE    | 20°      | 68°F   |
| RIDER POSITION | Race     |        |
| LATERAL WIND   | No       |        |