

CFD FLOW SIMULATION

# WINDSHIELD NG SPORT

REF.9668

AERODYNAMIC TEST

**KTM DUKE 790 / 890**

2018 -



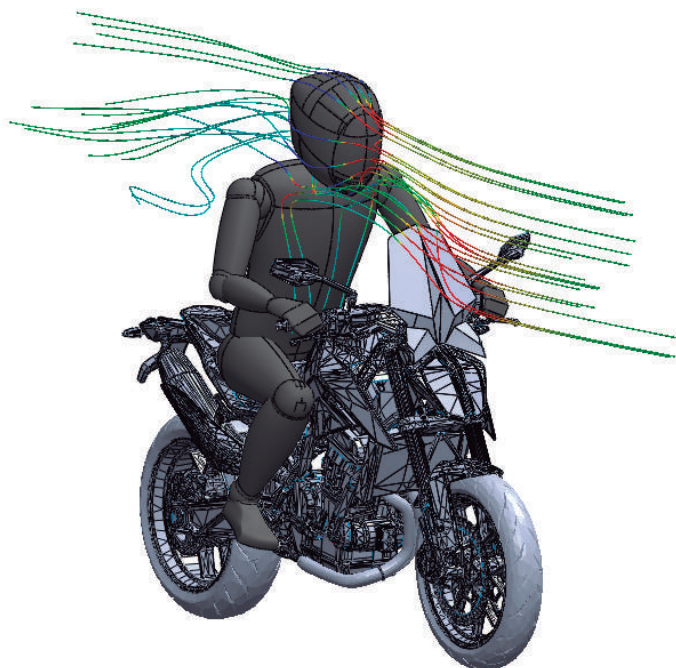
## AIR FLOW &amp; PREASSURE COMPARISON

## OEM

WITHOUT SCREEN

**Puig**  
Hi-Tech Parts

WINDSHIELD NG SPORT



HELMET PROTECTION

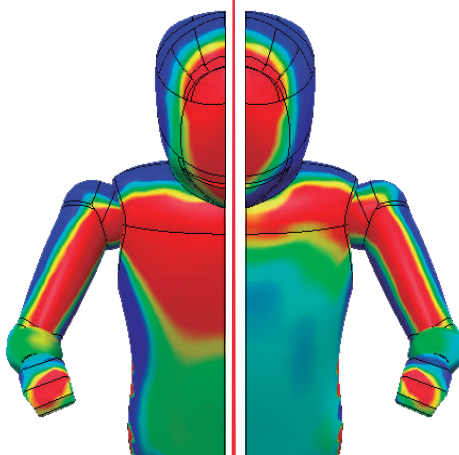
5%

UPPER BODY PROTECTION

7%

LOW BODY PROTECTION

100%



HELMET PROTECTION

32%

UPPER BODY PROTECTION

74%

LOW BODY PROTECTION

100%

LOW PRESSURE

HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH PUIG SCREEN IS EQUIVALENT TO **3.98 Kg**

## INCREASE WIND PROTECTION

**73%** 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 | Standard |        |
| LATERAL WIND   | No       |        |