

CFD FLOW SIMULATION

TOURING SCREEN

REF.20422

AERODYNAMIC TEST

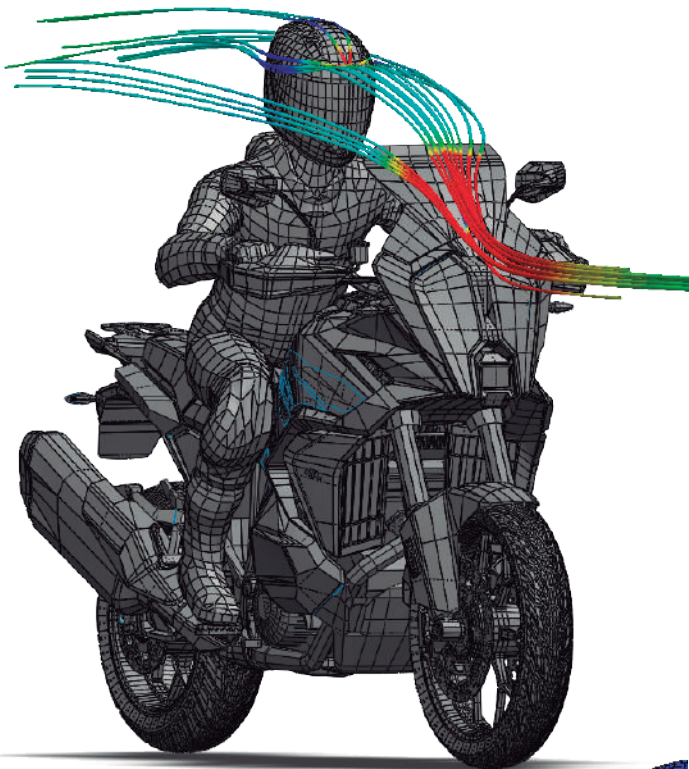
KTM 1290 SUPERADVENTURE R / S
2021 -



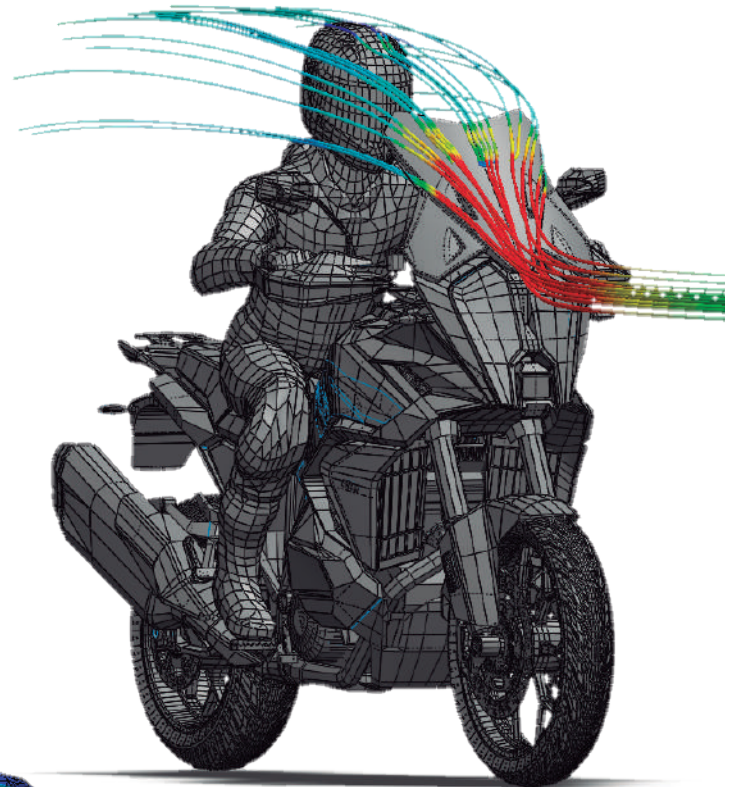
AIR FLOW & PREASSURE COMPARISON

OEM

ORIGINAL SCREEN


Puig
 Hi-Tech Parts

TOURING SCREEN



HELMET PROTECTION

71%

UPPER BODY PROTECTION

98%

LOW BODY PROTECTION

98%

HELMET PROTECTION

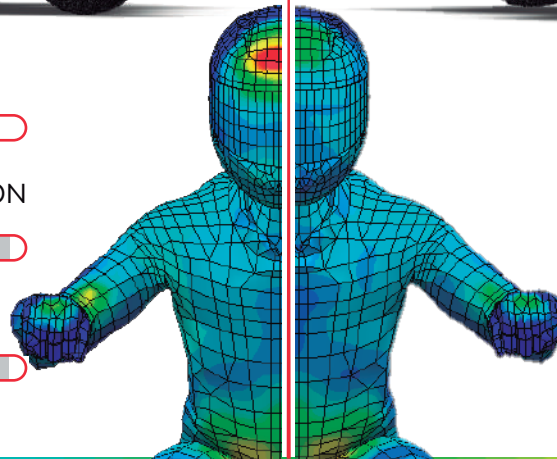
100%

UPPER BODY PROTECTION

100%

LOW BODY PROTECTION

98%



LOW PRESSURE

HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH PUIG SCREEN IS EQUIVALENT TO 1,17 Kg

INCREASE WIND PROTECTION

65% WITHOUT LOSING C_x

AERODYNAMIC TEST CONDITIONS

SPEED	150 Km/h	94 mph
RIDER HEIGH	180 cm	5.9 ft
TEMPERATURE	20°	68°F
RIDER POSITION	Standard	
LATERAL WIND	No	
SCREEN POSITION	Low	

ACOUSTIC POWER LEVEL COMPARISON**45dB zone:**

The green cloud that we can see in the following images defines the area affected by a sound level of 45dB. As we can see, when mounting the Puig Screen, we managed to remove all that annoying sound from the helmet area.

OEM**ORIGINAL SCREEN****TOURING SCREEN**