

CFD FLOW SIMULATION

WINDSHIELD NG SPORT

REF.20644

AERODYNAMIC TEST

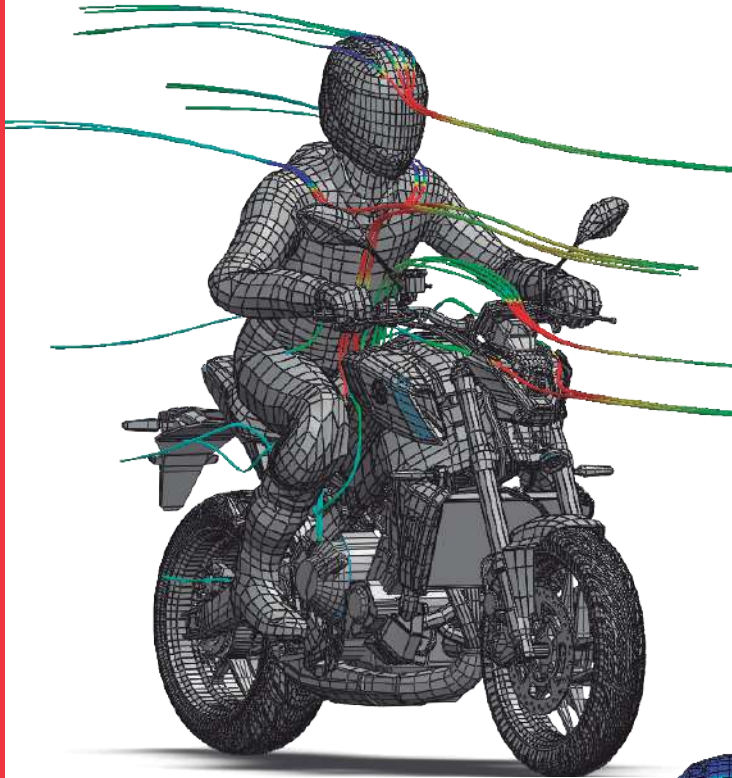
YAMAHA MT-09
2021 -



AIR FLOW & PREASSURE COMPARISON

Puig
 Hi-Tech Parts

ORIGINAL SCREEN



HELMET PROTECTION

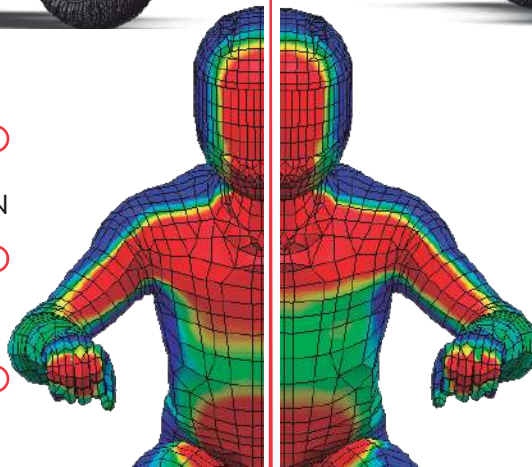
2%

UPPER BODY PROTECTION

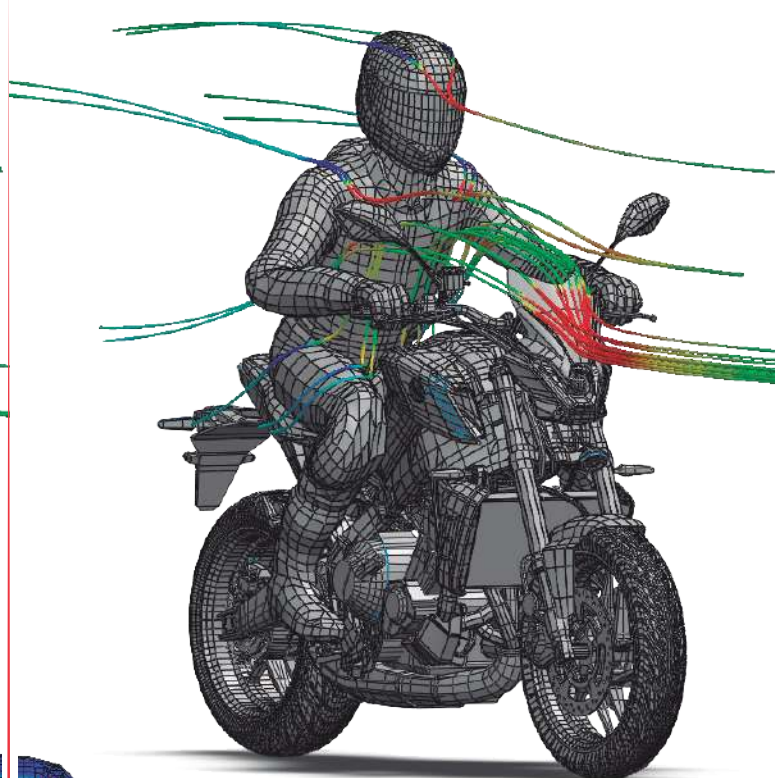
11%

LOW BODY PROTECTION

26%



WINDSHIELD NG SPORT



HELMET PROTECTION

4%

UPPER BODY PROTECTION

20%

LOW BODY PROTECTION

42%

LOW PRESSURE

HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH PUIG SCREEN IS EQUIVALENT TO 1,2 Kg

INCREASE WIND PROTECTION

10% 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	