

CFD FLOW SIMULATION

AERODYNAMIC TEST

REF.21175

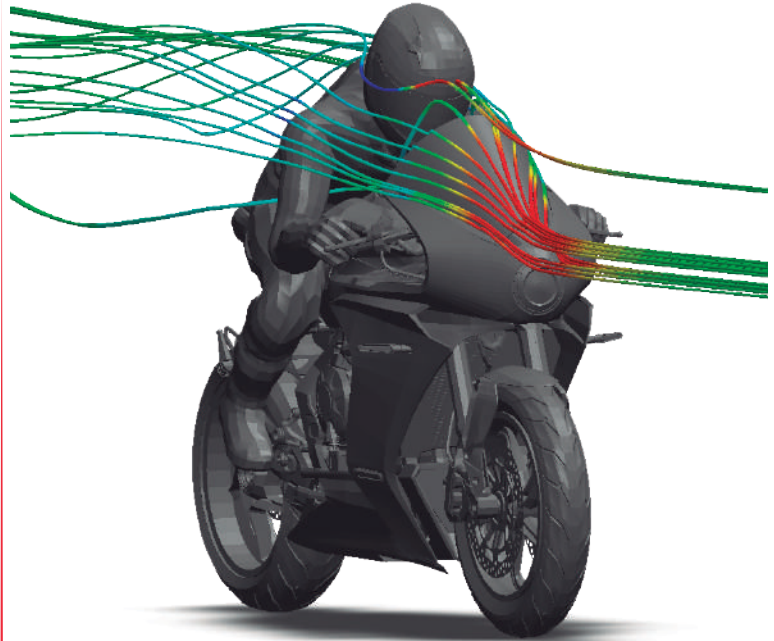
R - RACER SCREEN

M V A G U S T A S U P E R V E L O C E 8 0 0

2 0 2 0 -



AIR FLOW & PREASSURE COMPARISON

OEM
ORIGINAL SCREEN
Puig
 Hi-Tech Parts
 R-RACER SCREEN


HELMET PROTECTION

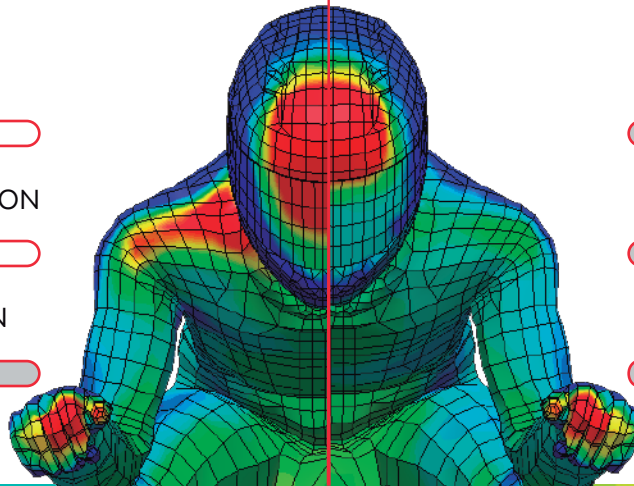
57%

UPPER BODY PROTECTION

72%

LOW BODY PROTECTION

100%



HELMET PROTECTION

74%

UPPER BODY PROTECTION

100%

LOW BODY PROTECTION

100%

LOW PRESSURE

HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH PUIG SCREEN IS EQUIVALENT TO 1,6 Kg

INCREASE WIND PROTECTION

37% WITHOUT LOSING C_x

AERODYNAMIC TEST CONDITIONS

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