

RED A05 • V6 • 3550cc / 216 cu in

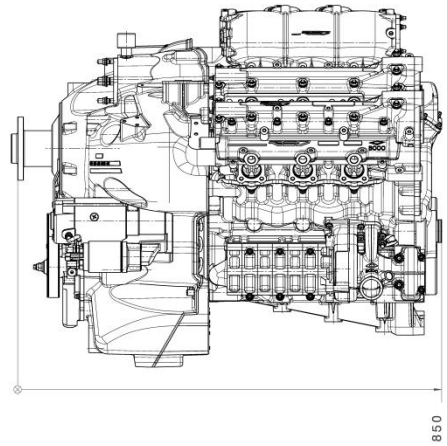
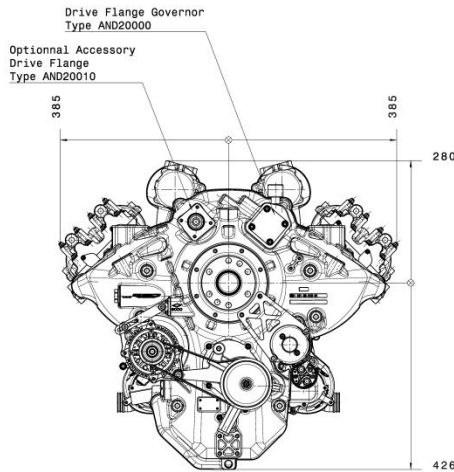
The RED A05 is a preliminary design and technology concept.

Engine Specifications

Displacement	3550 ccm / 216 cu in
Bore	90 mm / 3.54 in
Stroke	93 mm / 3.66 in
Take-off power	300 PS / 300 HP
Maximum continuous power	280 PS / 280 HP

Installation Dimensions

Width at cylinder heads	770 mm / 30.31 in
Height	706 mm / 27.80 in
Length to propeller flange	850 mm / 33.46 in



Engine Performance Data (* estimated values)

	Engine speed min-1	Propeller speed min-1	Propeller torque Nm / ftlb	Shaft power KW / HP	BSFC gr/KWh / lb/HPh
Take-off sea level	4000	2127	990* / 730*	221 / 300*	225* / 0.364*
Take-off at 5000 ft	4000	2127	990* / 730*	221 / 300*	235* / 0.380*
Max. continuous FL80	3750	1995	891* / 657*	199 / 270*	220* / 0.355*
Best economy sea level	3500	1862	792* / 584*	176 / 240*	210* / 0.339*