











$\rho$	Mass density	$\text{kg m}^{-3}$	$T_5$	Temperature at turbocharger inlet	K
L	Pipe length	m	$T_4$	Temperature at turbocharger outlet	K
kcj	Pressure drop coefficient	-	PRT	Pressure ratio turbocharger compressor	-
V	Engine displacement	$\text{m}^3$	$\gamma$	Heat capacity ratio	-
$\lambda$	Volumetric efficiency	-	$C_p$	Heat capacity at constant pressure	$\text{J K}^{-1}\text{kg}^{-1}$
$\alpha$	Air mass/Fuel mass	-	$\eta_{ad}$	Compressor efficiency	-
n	ICE crankshaft velocity	rpm	$\eta_t$	Turbine efficiency	-
Hi	Lower heating value	J			
$\tau$	# strokes	-			
$\eta_e$	Engine efficiency	-			
$p_5$	Outside air pressure	Pa			
$p_4$	Pressure at turbocharger inlet	Pa			