

Nomenclature

Symbol	Name	Units	Symbol	Name	Units
BP	Exhaust gas bypass proportion	-	OM	Number of operating months	-
cyl	Cylinder number	-	OS	Number of operating speeds	-
FC	Fuel consumption	t	P	Pressure	kPa
h	Specific enthalpy	kJ/kg	\dot{Q}	Heat	kW
LCV	Low Calorific Value	kJ/kg	SFC	Specific fuel consumption	g/kWh
\dot{m}	Mass flow rate	kg/s	t	Time	h
N	Number of engines	-	\dot{W}	Power	kW
Greek Symbol	Name	Units			
η	Efficiency	%			
Subscripts and superscripts	Name		Subscripts and superscripts	Name	
AE	Auxiliary engine		l	Heat transfer losses	
B	Backpressure		m	Mechanical	
ER	Expansion Ratio		ME	Main Engine	
ETC	Electro-Turbo-Compounding		r	Radiation losses	
e	Electric/Electrical		s	Isentropic	
f	Frictional		t	Total/Net	