

EMBRAER 175

Engine

June 2013

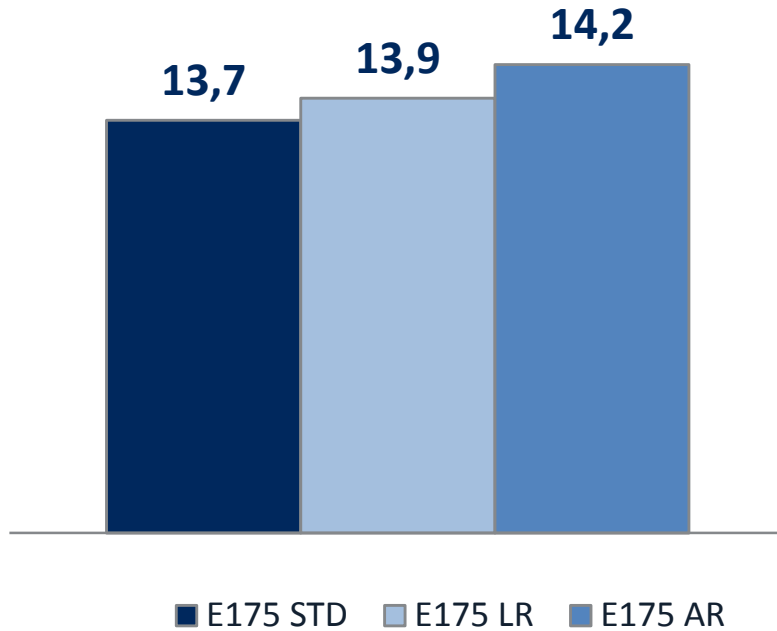
EMBRAER 175 | GE CF34-8E5



EMBRAER 170/175	CF34-8E
Max TO thrust (SL, static, ISA)	14,200 lb
Maximum diameter	136 cm / 53.4 in
Weight – dry engine	1,192 kg / 2,627 lb

EMBRAER 175 CF34-8E5

Cumulative Margin to Stage III (EPNdB)



EMBRAER 175 Engine Emissions

Engine emissions margins to ICAO Annex 16 Volume II requirements

CF34-8E5		
Emissions Parameter	Characteristic	Margin to CAEP/6 limit
HC (g/kN)	0.5	97.6%
CO (g/kN)	42.5	64.0%
NOx (g/kN)	43.2	26.4%
Smoke (SN)	11.1	59.3%