



# RM12

## turbofan engines



18,100 lb thrust class

**The RM12** is a derivative of the successful F404 turbofan, developed originally by the U.S. Navy for its Boeing F/A-18 Hornet. GE and Volvo Aero Corporation have developed the RM12 to power the Saab/BAE Systems JAS39 Gripen, a multi-role fighter, attack and reconnaissance aircraft. The RM12-powered Gripen serves the Swedish Air Force and is also exported to South Africa, the Czech Republic and Hungary and Thailand.

The RM12 provides the Gripen with reliable power and outstanding operational and handling characteristics. Its simple, modular design is reliable and easy to maintain – key to high readiness and low cost of ownership. The RM12's single-engine features include a Full Authority Digital Electronic Control (FADEC) with hydromechanical backup and a redundant ignition system.

With no throttle restrictions, stall-free operation, fast acceleration and deceleration and consistent afterburner lights, the RM12 is a fighter pilot's engine.

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## Applications



Saab/BAE Systems JAS39 Gripen

## Performance Specifications (Sea level/standard day)

RM12	English	SI
Thrust	18,100 lb	80.5 kN
Airflow	152 lb/sec	69 kg/sec
Weight	2,325 lb	1,054 kg
Length	159 in	404 cm
Inlet diameter	27.9 in	70.9 cm
Pressure ratio	27:1	27:1

