



**Original designed 60 Hz GEA booster compressor based on a Grasso Y of 2005
Constructed by FES**

**E-motor 190 kW (250 HP)
Water cooled oil cooler
Full flow oil pump**



In general :

Original 60 Hz booster constructed by FES (USA) . GEA/FES compressor unit based on an Grasso Y with a swept volume of 2390 m³/h and a Vi of 2.6 . The compressor block is a Grasso Y1 . The Installed E-motor is 190 kW (250 HP)of the brand RAM Industries . The E-motor is suited with temperature sensors and vibration sensors. Benshaw motor starter is included. The unit is suited with horizontal oil separator. The full flow oil pump provide a forced lubrication at all times. At this moment the oil cooler is shell and plate nh₃ cooled version. The controlling of the unit is by a original GEA Micro II.

**The unit is constructed in 2005 complete original, has only 20.000 running hours.
Dimensions : 4500 x 1920 x 3000 mm – Weight : 7000 kg .**



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