

Galileo MX Compressor



“Core of the Core”

The MX mid to large sized compressors, rugged, reliable and efficient, are the outcome of over 20 years of experience and millions of hours of operation in natural gas compression.

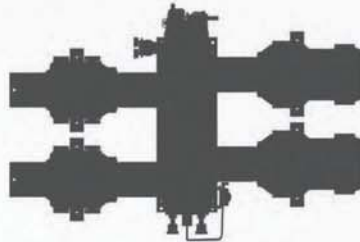
The broadest range of options are available. Configurations from 2 to 6 strokes, powers ranging from 75 to 600 kW, inlet pressures as low as 0.5 BarG and flow rates as high as 10000 Sm³/h.

MX200 COMPRESSOR



Number of throws: 2
Rated Power: 220 kW
Stroke: 76.2 mm@1800RPM
88.90 mm@1500RPM

MX400 COMPRESSOR



Number of throws: 4
Rated Power: 418 kW
Stroke: 76.2 mm@1800RPM
88.90 mm@1500RPM



Galileo`s **MX compressors** line include countless advantages.

- **Maximum standarization.**

The MX product line has over 100 standard models that cover the broadest range of inlet pressures and flow rates available in the market. This guarantees the most accurate solution for your needs.

- **Minimum spare parts stock.**

Many of our customers are compressor fleet operators with a network of various CNG stations. For these clients, the largest maintenance cost of a CNG compressor is not the spare parts consumption but the inventory cost of the spare parts. In this regard, Galileo incorporates modular concepts which allow operating our equipment with very low requirements.

Additionally, we manufacture our compressors' critical spare parts and can assure the shortest lead times enabling further reductions in safety spare parts stock.

- **Ease of disassembly.**

Any part of our compressors can be repaired individually without dismounting anything more than the affected module.

- **Total absence of vibration.**

No anti-vibration systems are required. This is simply because the balance of our equipments prevents any perceptible vibrations.

- **Direct Coupling**

MX compressors couple directly to the main drive, reducing more than 6% of electric consumption compared to a belt transmission system.

- **Forged Steel Crankshaft and Connecting Rods**

The forging of the compressor's critical components provides a resistance up to 36% higher compared to cast or machined components. This allows significant weight reduction in moving parts.

- **Controlled Lubrication**

Step by Step lubrication blocks ensure minimum oil injection as well as complete equipment protection. All the lubrication system is monitored from the control panel which ensures maximum protection of the equipment against failures in any system.

- **Resettable lubrication safety systems.**

Our equipments have eliminated rupture disks and with them, the need of mechanical assistance to reset.

- **Cylinders with large passages**

Large gas passages and valve flow areas for higher efficiency. Maximized volumetric effectiveness allowing higher flow rates with smaller pistons and loads.

- **Thermography ready**

Large removable panels which provide safe and easy access to all moving parts of the compressor allow quick and accurate thermography to locate potential problems precisely



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