

'Xtremely' Efficient Compressor Design: Available XSeries™ Options:

- Optimized rotor profile manufactured with the latest CBN (cubic boron nitrid) grinding technology for improved volumetric efficiency and lower power consumption.
- 5:6 male to female lobe ratio for improved bearing load distribution, lower noise generation, and better bhp/ton performance
- Patented flow-optimized suction inlet improves volumetric efficiency and reduces noise.
- Double-acting hydraulic capacity control, infinitely adjustable from 10% to 100% for premium part load operation.

- **IntelliSOC™ liquid injection oil cooling provides reduced field piping, precise discharge temperature control and low discharge pressure operation for lower operating costs.**
- **External oil cooling with OMC temperature control valve**
 - Thermosyphon
 - Water-cooled
 - Glycol-cooled
- **Dual oil filters**
- **Variable speed operation**
 - Variable frequency drive with or without solid state backup
 - Motor bearing electrical discharge machining (EDM) prevention
 - Microfiber drive end shaft grounding ring
 - Insulated non-drive end bearing
 - GForce™ speed control
- **VTrac™ compressor and motor vibration monitoring system**
- **GForce™ system controls**



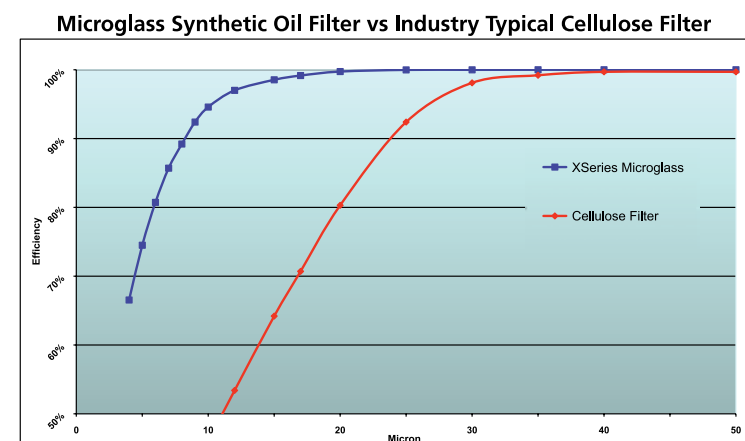
Package Ratings and Information:

- Visit www.geafes.com to download the current FES iSelect™ compressor and other product rating software.

'Xceptional' Warranty

- **Two year Parts**
- **One year Labor***

'Xceptional' Oil Filtration:



* Applicable only when start-up is performed by a GEA FES technician in the continental United States

WORLD COMPRESSOR PACKAGE
XSERIES™
Screw Compressor Package

Model GLX
739 to 6083 CFM

The World's Most 'Xceptional' Compressor Package

WORLD COMPRESSOR PACKAGE XSERIES™

'Xtremely' Serviceable
'Xceptional' Product Life
'Xtremely' Efficient
'Xtraordinary' Design / Testing
'Xtremely' Quiet

Field Replaceable Thrust Bearings:

- No Seal Removal
- No Compressor Removal

No Other Compressor Provides This Serviceability



XSeries™ Motor:

- NEMA Premium Efficiency for maximum energy cost savings
- Low Noise Design for quiet operation
- Inverter Duty Continuous Resin Insulation system
- Anti-Condensate Space Heaters
- Positive Pressure Lubrication System

SFC Valve (Suction Filter Combination):

- Gas operated check valve
 - Reduced package suction losses
 - Improved compressor package efficiency
 - No check valve chatter
 - Longer check valve life
- Reduced connections - reduced leak potential

Variable Vi

- Infinitely Variable
- Part-load Vi Control



"New" Two-Coat Paint System:

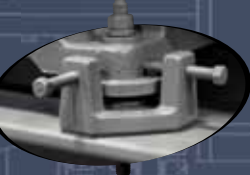
- Long Lasting Formula

Hermetic Slide Valve Indicator:

- No external seal - No leaks
- No wear or friction - Fewer repairs
- 4-20A output position indicator

Improved Manway Design:

- Allows for easy access
- Safer operation
- Internal check valve



Shimless Motor Mounts:

- Easy and Accurate Alignment
- No "Soft Foot"

Sleeve Bearings:

- Infinite Life
- Inherently Quiet



Low Noise Oil Pump:

- Balanced shaft seal for longer seal life
- Helical gears - low noise
- Premium efficient direct coupled motor

Microglass Synthetic Oil Filter:

- Improved dirt holding capacity - longer service interval
- 5 microns for 'xtended' bearing life

OMC (Oil Management Center):

- Reduced connections - reduced leak potential
- Centralized area to service major oil components
- Improved reliability and cleanliness
- Integrated isolation and control valve system

'Xceptional' Package Arrangement:

- Lower package height
- Ground level serviceability for most components
- Driveline detached from oil separator
- Reduced vibration transmission
- Minimizes thermal growth effects

GForce™ Control Panel:

- Easy For Operators To Use and Maintain
- Easy To Trouble-Shoot Problems With On-Screen Information
- Web Browser Interface
- Built-In Supervisory System Features:
 - Operation Manuals/Drawings
 - Full Feature Historical Data
 - Maintenance Logs
- Email capabilities



VTrac™ Vibration Monitoring System:

- Minimizes unplanned shut downs
- Reduces costly compressor rebuilds
- Helps fulfill process safety management

Improved 5-stage Oil Separator Design:

- Guaranteed and highly tested
- Maximum 5 ppm oil carryover
- Smaller oil separator
- Reduced oil charge