

# NASH Vectra™ XM-150 Compressor API 682 Cat. II/III



## Heavy Duty Liquid Ring Compressor for Process Applications

### Improved Performance

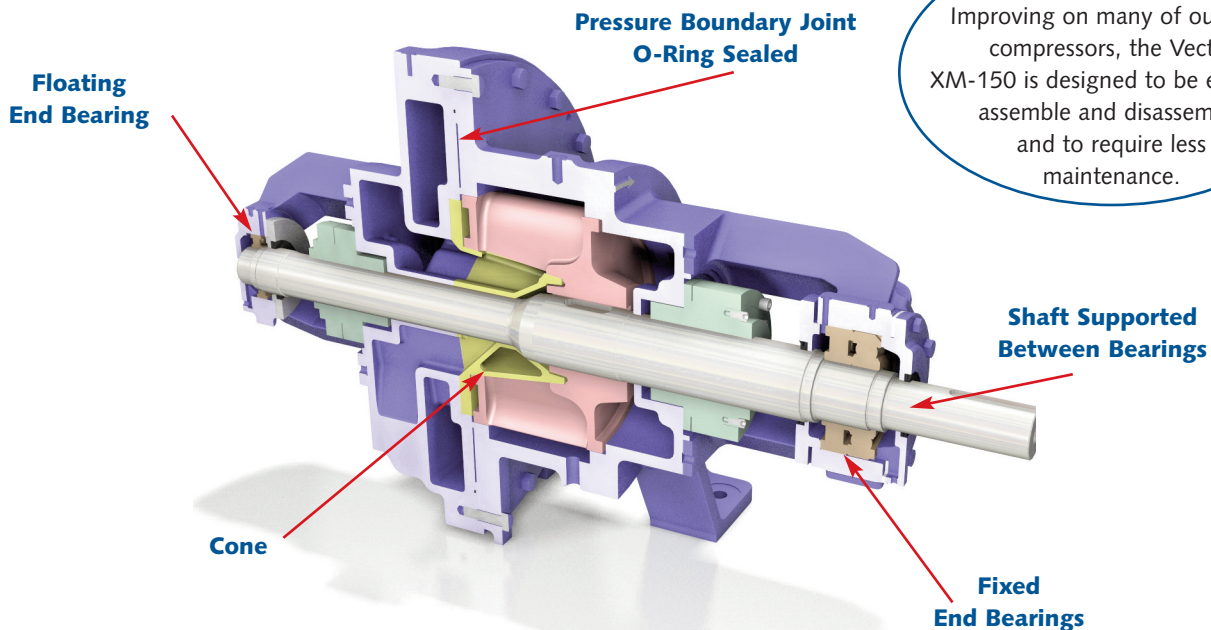
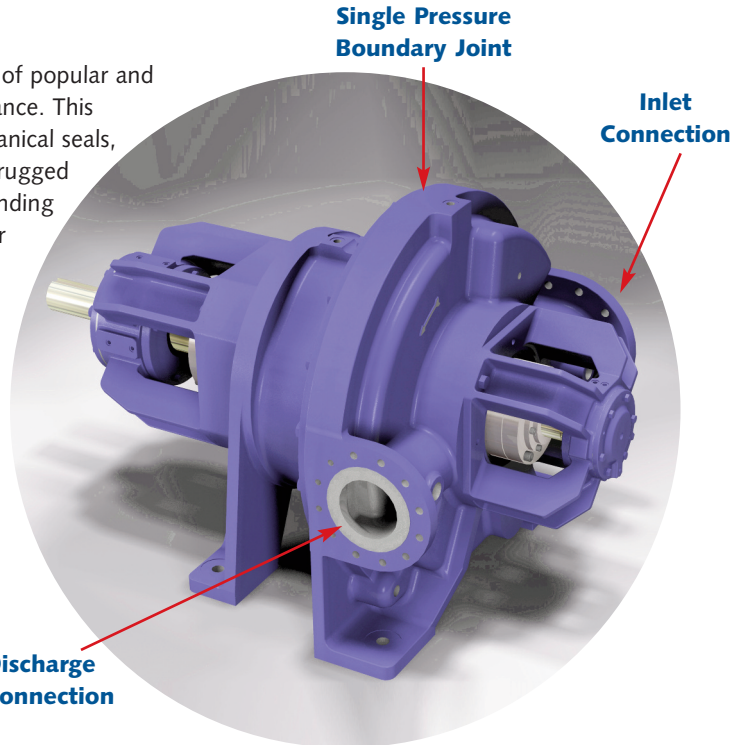
The NASH Vectra™ XM-150 compressor extends the series of popular and reliable Vectra XL compressors to a higher level of performance. This extended version accommodates API682 category II/III mechanical seals, advancing the durability and reliability of the compressor's rugged design. Operating at up to 4 bar g (60 psig), the patent-pending Vectra XM compressor is specifically designed for the higher pressures and performance expected in many process applications.

### Applications

The NASH Vectra XM is designed for demanding process applications including vapor recovery, flare gas recovery, corrosive gas handling (e.g. VCM or chlorine), hydrogen compression, biogas and more.

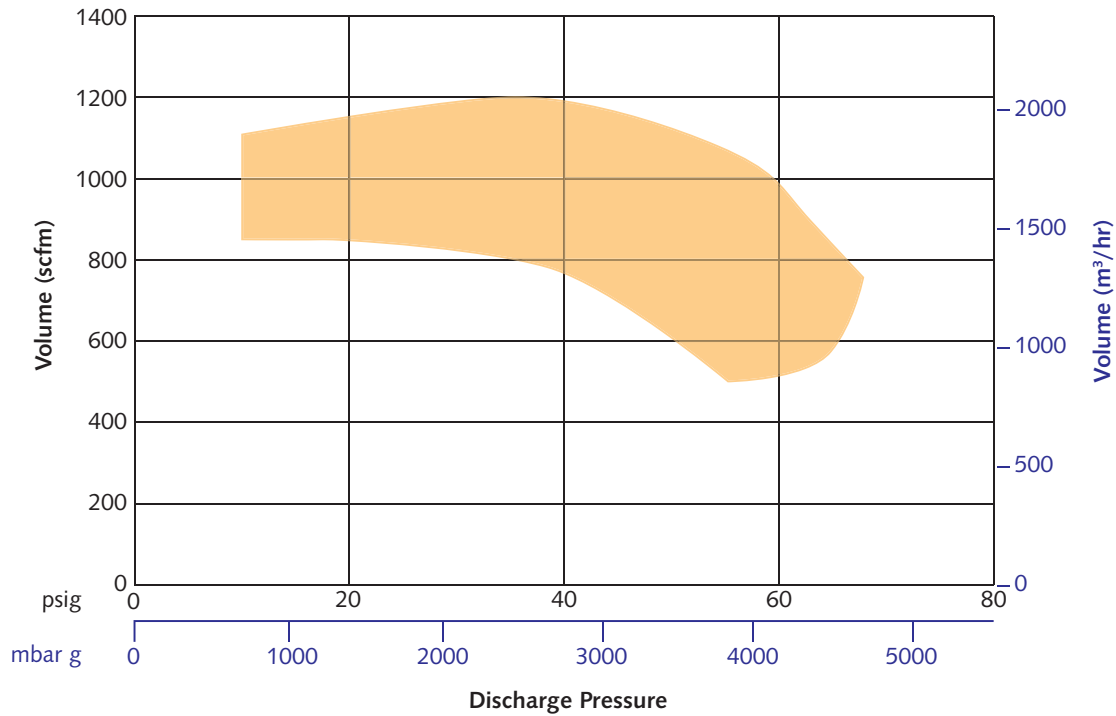
### Design Features

- Single, conical port design
- Between bearing rotor/shaft design
- Single pressure boundary joint
- No tie rods
- API-682 category II & III compliance
- Increased bearing life
- 316 stainless steel construction
- Horizontal, self-draining inlet/discharge nozzles



**Improved Reliability**  
Improving on many of our past compressors, the Vectra XM-150 is designed to be easier to assemble and disassemble and to require less maintenance.

## Vectra™ XM-150 Compressor Performance Data



Feature	Benefit
Single, conical port	Handles process upsets without affecting performance
	Requires less seal liquid than flat port design
Between bearings rotor/shaft design	Lower radial bearing loads and longer bearing life
Single, bolted joint, pressure boundary	Less potential for seal liquid leakage
API 682 Category II & III compliant	Conforms to most chemical process and oil & gas requirements
316 stainless steel construction	Improved corrosion resistance
Horizontal inlet/discharge connections	Self-draining, reducing flooded starts

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