KEH SERIES - Liquid Ring Compressors

SIHI Pumps
www.sterlingamericas.com
Pressure Range Flexibility:
KEH compressors are capable of operating with a negative inlet pressure (vacuum) and a positive discharge pressure.

Operational Safety:
Low temperature rise, provided by the liquid ring principle of operation, ensures the safest compression of thermally sensitive or explosive gases.

Reliable Operation:
Designed with one moving part, no metal to metal contact, and requiring no internal lubrication, ensures minimum maintenance.

Construction Simplicity:
Allows service in the field with minimum down time. Mechanical shaft seals are easily accessible for ease of maintenance.

Robust Construction Eases Service:
Robust shaft minimizes deflection at higher differential pressures.

External Bearing Arrangement:
Compressor bearings are mounted externally separate from the gas and service liquid flow, eliminating bearing grease washout.

Entrained Liquid & Vapor Handling:
Liquid slugs or condensable vapors can be pumped without damage.

Low Vibration & Noise:
Absence of reciprocating parts assures quiet and low vibration operation eliminating the need for special foundations.

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Dry Air Performance

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<th>Model Number</th>
<th>SPEED RPM</th>
<th>5 PSIG SCFM</th>
<th>10 PSIG SCFM</th>
<th>15 PSIG SCFM</th>
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Note: Capacity in standard cubic feet per minute at inlet pressure 14.7 PSIA air at 68°F (20°C) and using 59°F (15°C) water as service liquid.

( Consult factory for larger compressor sizes.)

Applications

- Well Head Gas Recovery and Gas Boosting
- Vent Gas Compression
- Methane Gas Recovery
- Compression of Hazardous or Explosive Mixtures
- Vapor Recovery

All information subject to change without notice.

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