

KIENE KN-SERIES

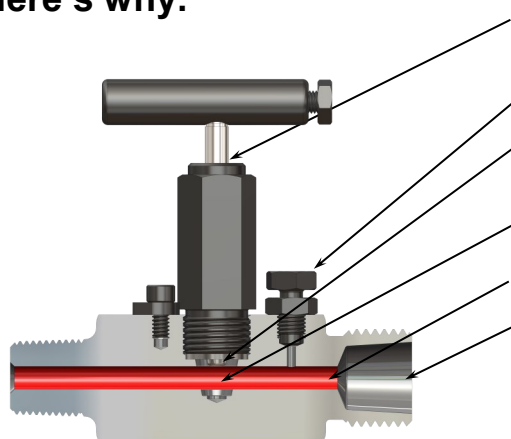
NEEDLE-TYPE INDICATOR VALVES

KN-20 AND KN-40 SERIES NEEDLE-TYPE INDICATOR VALVES - FOR HIGHER PRESSURE COMPRESSOR APPLICATIONS

Kiene's KN-20 and the new KN-40 Series Needle-Type Indicator Valves are specifically designed for compressor analysis.

They are the optimum solution for higher pressure/temperature applications.

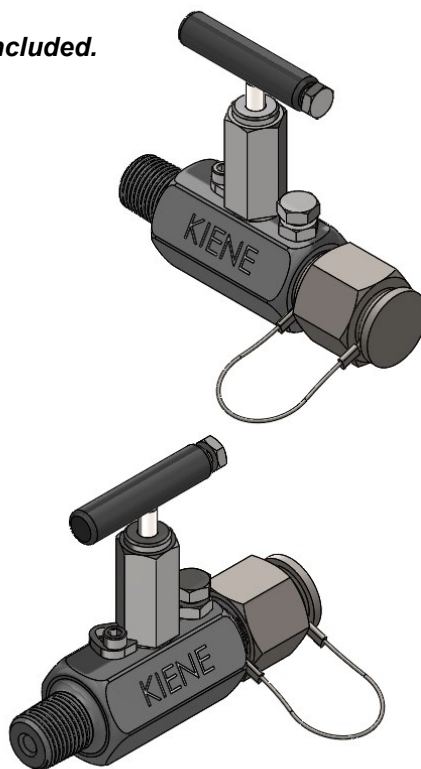
Here's why:



- No leakage at valve stem during opening/closing as with standard indicator valves.
- Vent valve to relieve pressure prior to removing transducer.
- Back-seated stem design provides a secure metal-to-metal seat in the open position for maximum protection against leakage.
- Full port in the open position.
- Large straight-through flowpath minimizes channel resonance.
- Integrated indicator connection provides a short, compact design . . . and eliminates flow discontinuities caused by the use of adapters.
- POS-I-SEAL Valve Cap is included.

Both the KN-20 Series and KN-40 Series valves offer full-port, straight-through flow passages for accurate analysis results . . .

- The **KN-20 Series** is a well established, field proven design for pressures to 4000 PSI and temperatures to 400° F.
- The new **KN-40 Series** valves add improved materials and internal geometry to handle pressures to **6000 PSI** and temperatures to **500° F**.
- Both KN-20 and KN-40 Series valves are available in 90° angle configurations and in stainless steel for sour gas applications.
- We will quote special materials for your specific application.

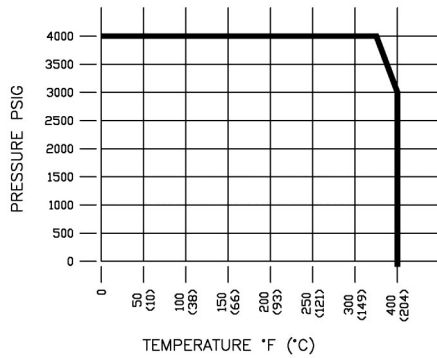


KIENE
DIESEL ACCESSORIES, INC.

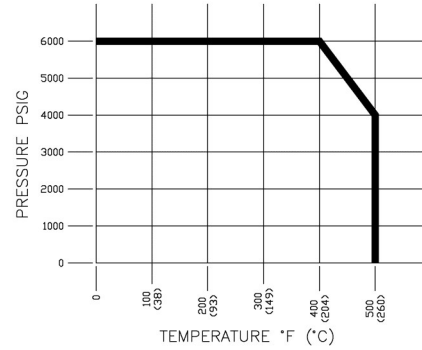
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KN-20 Series Pressure/Temperature Graph



KN-40 Series Pressure/Temperature Graph

KN-SERIES ORDERING INFORMATION

MODEL	THREAD CONFIGURATION	MATERIALS	MODEL	THREAD CONFIGURATION	MATERIALS
KN-21	1/2NPT(M) X 1/2NPT(F)	BODY: CARBON STEEL VALVE STEM: 316SS VALVE SEAT: PEEK STEM SEAL: VITON	KN-41	1/2NPT(M) X 1/2NPT(F)	BODY: CARBON STEEL VALVE STEM: 316SS VALVE SEAT: REINFORCED PEEK STEM SEAL: VITON
KN-22	1/2NPT(M) X STANDARD INDICATOR CONNECTION		KN-42	1/2NPT(M) X STANDARD INDICATOR CONNECTION	
KN-23	3/4NPT(M) X STANDARD INDICATOR CONNECTION		KN-43	3/4NPT(M) X STANDARD INDICATOR CONNECTION	
KN-24	1/2NPT(M) EXTENDED X STANDARD INDICATOR CONNECTION		KN-44	1/2NPT(M) EXTENDED X STANDARD INDICATOR CONNECTION	

- For "sour gas" applications, add "B" to the model number. For example: **KN-22B** or **KN-42B**.
- For 90° applications, add "-90" to the model number. For example: **KN-22-90** or **KN-22B-90**.
- **For special applications or thread configurations, contact the factory. We will quote specials in any quantity.**

KN-Series 90° Needle-Type Indicator Valves . . .



These valves are arranged with the standard indicator connection at 90°. They provide access to the compressor connection in confined applications.

Indicator Valve Accessories



AX-17A POS-I-SEAL Valve Cap

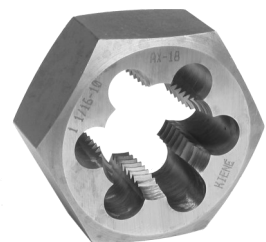
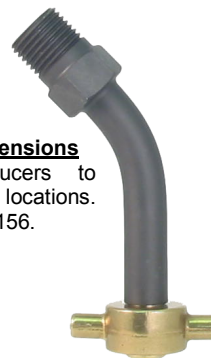
Protects and seals the indicator connection. See Leaflet 200.



Valve Adapters

Available in many configurations for installation flexibility. See Leaflet 156.

Indicator Extensions
 Allows transducers to reach difficult locations. Ask for Leaflet 156.



AX-18 Nu-Thred Die

For dressing and cleaning damaged or corroded indicator threads. See Leaflet 200.