

SMCV SERIES

CV-LINE SENSOR MOUNTING VALVES

SMCV SERIES VALVES ALLOW CONTINUOUS PRESSURE MONITORING OR PORTABLE COMPRESSOR ANALYSIS

SMCV Series Indicator Valves from Kiene Offer New Flexibility . . .

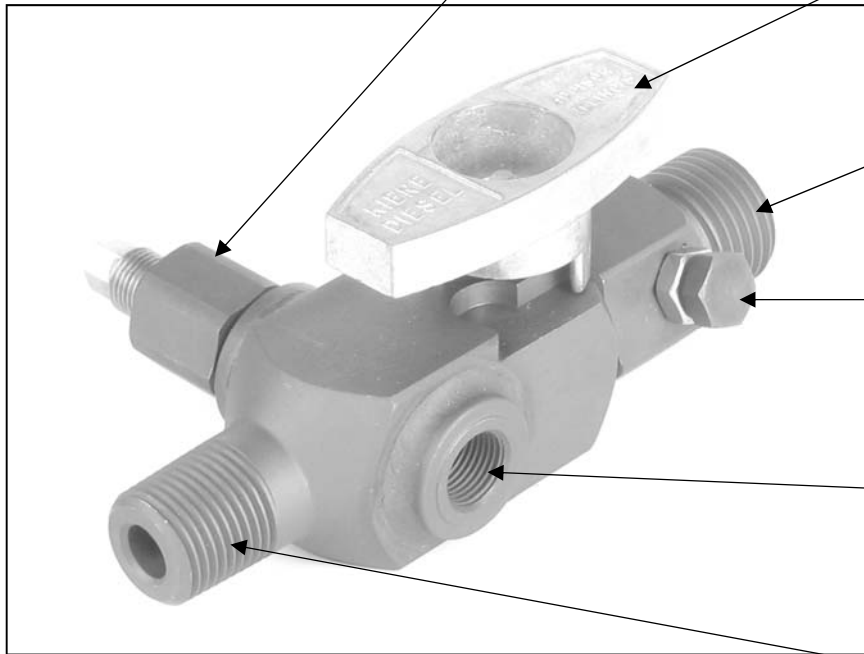
In response to the natural gas pipeline industry's growing interest in continuous, on-line engine and compressor monitoring, Kiene Diesel Accessories, Inc. has developed the SMCV (Sensor Mounting Compressor Valve) series of indicator valves. These valves allow a pressure sensor to be installed in the valve where it is exposed to cylinder pressure. At the same time, the indicator valve may be used in the usual way to manually check cylinder pressure.

SENSOR PORT SHUT-OFF VALVE:

Isolates the sensor port from engine pressure. The sensor can be removed for calibration or replacement, without shutting down the engine.

FAST OPERATING ACTION:

The large quarter-turn handle provides an efficient method of opening and closing the valve and improving operator efficiency.



INDICATOR CONNECTION:

1 1/16-10 Whitworth, 7 degree socket accepts all common analyzers and pressure indicators.

VENT VALVE:

A vent valve allows pressure between the shut-off ball and the transducer to be discharged before removing the transducer.

SENSOR PORT:

Accepts various pressure sensors. Many port configurations are currently available.

ENGINE THREAD:

Many thread sizes and seat arrangements are available.

GENERAL DESIGN FEATURES:

Designed specifically for performance analyzing of gas compressor cylinders. The valve has a compact design, built-in safety features and a fast acting 1/4 turn ball valve. Ball and stem are hard chrome. Seats are a proprietary filled PTFE. Maximum operating pressure is 2000 PSI. Maximum operating temperature is 250 degrees F.

Kiene can produce the SMCV with any engine thread that is offered on its' standard indicator valves, and with a variety of sensor port configurations. Increasing interest in and use of continuous, on-line monitoring of gas engines has led to a steadily increasing demand for these valves.

KIENE
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