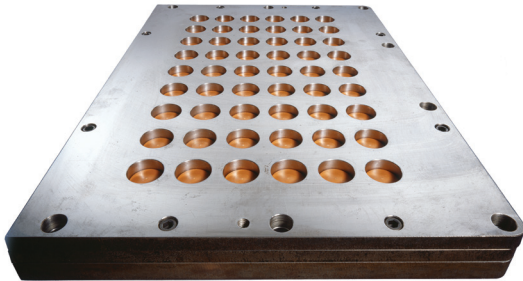




# SCAVENGING POPPET VALVES

Improve air flow



For reliability, efficiency and proven long life, CECO eMAX™ scavenging poppet valves are unmatched by any of our competitors. The seat and mating parts are fully machined with CNC machinery which provides position accuracy to .0005 inches, adding quality and durability. All sealing surfaces are ground flat to prevent leakage between mating parts.

A special design allows bolt encasement by use of mating parts, which retains all pieces within the valve and thus eliminating the threat of loose parts entering the cylinder.

## GREATER FLOW AREA

The flow area through the poppet valve is increased over the original strip valve, allowing the eMAX™ Scavenging Poppet Valve to deliver more scavenging air for increased engine efficiency and

reduced NOx, or CO2 gas emissions.

This additional air enables the engine to more easily achieve the full engine horsepower rating. CECO eMAX™ scavenging poppet valves work well in high ambient temperatures at high altitudes.

## COST EFFICIENCY

CECO's initial installation of CECO eMAX™ scavenging poppet valves ran for over 35,000 hours without maintenance, were still in excellent condition when inspected, and are still running. For over ten years, these valves have been trouble free.

**Adds up to 30 percent more air PSIG!**

## ENGINEERED QUALITY

CECO has been delivering OEM Superior<sup>SM</sup> products and services to the gas transmission, gas processing and petrochemical industries since 1964.

The CECO eMAX™ scavenging poppet valve continues to prove itself the industry standard for high efficiency, long-lasting compressor valves.

## Greater Flow Area

- Delivers more scavenging air
- Lower NOx emissions
- The engine can more easily develop the full engine horsepower rating

## High Efficiency

- Lower cost, simple field repair, durability, long operating life and better air flow

## Bolts Captured by Mating Parts

- Prevents threat of loose parts in cylinder

## Fully Machined

- Insures longer life and interchangeability of parts

## Sealing Surfaces Ground Flat

- Prevents leakage



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