

# eMAX<sup>®</sup> POPPET VALVES

Improve compressor efficiency



Every year, the industry loses precious dollars in fuel due to old and inefficient compressor valves. Install a CECO eMAX<sup>®</sup> Poppet Valve and immediately increase your efficiency and profits. Longer life combined with a simple, field-repairable design, equals very little downtime and extremely low maintenance costs.

## INCREASED FUEL EFFICIENCY

The lift on a typical plate valve is .090", but the lift on an eMAX<sup>®</sup> poppet valve can be as high as .300". The higher lift enhances the gas flow resulting in significantly greater fuel efficiency, while maximizing gas throughput. Liquids and contaminants in the gas stream are less likely to affect CECO's poppet valve performance and life.

## UNIQUE DESIGN

eMAX<sup>®</sup> poppet valves are designed to allow the maximum flow through the

seat and guard. CECO uses cast ductile iron for the valve seat, guard and chair; the parts are then precision-machined on CNC equipment to exacting tolerances. Contoured valve seats operate with specially-contoured poppet heads to minimize sticking that occurs in ordinary poppets.

## Increase throughput & increase profits!

CECO's specially-formulated PEEK<sup>®</sup> poppets withstand continuous operating temperatures of 350°F and higher ratio applications such as multistage or process compressors. The eMAX<sup>®</sup> poppet valves use precision-wound springs from the finest stainless steel available. In addition, all springs are closed, stress-relieved, and ground to exacting tolerances. Poppet valves are available with a broad range of spring ratings and poppet materials to fit your specific operating conditions.

## 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<sup>®</sup> poppet valve continues to prove itself the industry standard for high efficiency, long-lasting compressor valves.

## Higher lift

- Allows maximum flow which increases fuel efficiency, gas throughput and profits

## Unique Design

- Contoured seats minimize sticking

## Durable Material

- Specially-formulated PEEK poppets withstand continuous operation conditions of 350°F

## Field-Repairable Design

- Reduces maintenance costs and downtime



## CONTACT US

5440 Alder Dr.  
Houston, Texas 77081

Phone

800-TRY-CECO  
800-879-2326  
713-664-7333

Fax

713-664-6444

Email

cecosales@ceconet.com  
www.tryceco.com