

brands you trust.



Crane ChemPharma & Energy - Press Kit



www.cranecpe.com

CONTENTS



Crane ChemPharma & Energy Launches the New Pacific®CSV Line of Cast Steel Gate, Globe and Check Valves

FOR IMMEDIATE RELEASE

HOUSTON, Texas – Designed in accordance with the industry's latest standards, the new Pacific*CSV line of cast steel gate, globe and check valves from Crane ChemPharma & Energy provide the highest level of quality and performance in demanding applications.

"Pacific has partnered with a world-renowned foundry to deliver the highest quality of cast steel valves to our customers worldwide', said Global Business: Line Manager, Tarun Shivlani, "These valves have been designed to exceed API 624 requirements and achieve industry leading fugitive emissions with superior packing selection, and the highest degree of manufacturing control."

Subject to Crane's rigorous development and testing process, each Pacific'CSV valve is uniquely built and tested per API 598 standards to offer exceptional performance in the global oil 8 gas, betrochemical, power and refining indusris. The globe valves also comptiv DA F023, standard released specifically for globe valves. With higher CV rates and lower operating torques than alternative valve types, Pacific'CSV valves deliver superior value to users in demanding applications.

The new line of cast steel valves has several improved features that enhance reliability and O&M including

The gate valve's fully-guided wedge, which ensures smooth operation in both horizontal and vertical orientations to deliver improved resistance to sticking
The globe valves impleyed engine film contact between disc and seat, which enables lower seating torque and

The sylope tarter building of parameters and the strategy of the sylope tarter building of the sylope tarter buil

5 · PRESS RELEASE



ANETA STEPHENS Global Director of Marketing and Communica Tel: +1-647-282-4767 E-mail: astephens@cranecpe.com



6 · MEDIA



CRANE CHEMPHARMA & ENERGY

ABOUT



6)

2

PRODUCT

Pacific[®]CSV Cast Steel Valves

Key Features and Benefits

Pacific[®]CSV Gate Valve

- 1 Fully-guided wedge ensures smooth operation in both horizontal and vertical orientations to deliver improved resistance to sticking
- 2 Modular stuffing box facilitates changeover to reduce fugitive emissions and increase monitoring port options with customized packing solutions
- 3 Live loading option further enhances fugitive emissions performance by eliminating the need for manual packing adjustment

Pacific[®]CSV Globe Valve

- 1 Innovative design between the disc and seat results in lower seating torque and enables faster set up with an actuator or handwheel
- 2 Guided disc option facilitates seating during turbulent flow conditions. This non-standard configuration can be added to larger valve sizes to eliminate chatter and other vibration
- 3 Integral ISO 5210 mounting is available in larger sizes for increased ease of actuation

Pacific[®]CSV Swing Check Valve

- Disc fastener is restrained by the bonnet, rather than the body, for a tighter seal that eliminates the risk of a displaced disc and prevents damage to downstream equipment
- 2 An internal hung disc arrangement creates a fully-enclosed space that eliminates the leak path from the pressure boundary
- Modular design enables easy conversion to an external pin arrangement if counterweights are required



3

Crane ChemPharma & Energy · Pacific®CSV Cast Steel Valves

Will spare parts, such as packing and gaskets, be available for this product line?

> All spare parts, from packing and gaskets to any other original parts for the valve will be available for purchase.

Where are the valves made, and what is the country of origin of the material?

> All Pacific®CSV valves, including the raw materials, are produced and assembled in India. However, kits can be assembled in the United States, upon request.

Are optional trim materials available in your Pacific®CSV offering?

> Yes, we offer different trim options upon customer request.

Does Pacific have the ability to provide actuation for all valves shown in catalogue?

> Yes, we can provide pneumatic, electric, and hydraulic actuation based on customer specifications and preference.

Why has Crane introduced the Pacific[®]CSV?

> Crane wants to better serve the refinery/chemical plants with a product line that not only meets their stringent requirements, but surpasses them. Our customers require tight fugitive emission controls, improved reliability, improved O&M and a reputable quality management program. The new Pacific CSV provides solutions to the above needs with a world-class manufacturing program.

Does the introduction of the new Pacific CSV mean that existing cast steel valves from Crane will no longer be available?

> The new Pacific CSV will not replace any existing offerings from Crane, but rather supplement our extensive line of solutions to provide our customers with added value. Crane will continue to improve the design and features of our current cast steel line to meet our customers' needs.

How do the fully guided wedges deliver optimal performance?

> The guides enable the disc to travel all the way into the open and closed position without any interruptions, or sticking. Whether the valve is installed horizontally or vertically, the fully guided wedges will ensure a smooth travel by preventing sticking from occurring. This reduces the need for manual adjustments or repairs.

How will the issue of fugitive emissions be handled by the Pacific CSV?

> When designing the valves, fugitive emissions was a major concern that we wanted to address. We did so by designing the valves compliant to API 624, and by having certified API 622 packing as well. We provided the option for live loading, which extends fugitive emissions performance by eliminating the need for manual packing. We also have a modular stuffing box, which facilitates changeover for low fugitive emissions and monitoring port options.

PRESS RELEASE

Crane ChemPharma & Energy Launches the New Pacific[®]CSV Line of Cast Steel Gate, Globe and Check Valves

FOR IMMEDIATE RELEASE

HOUSTON, Texas – Designed in accordance with the industry's latest standards, the new Pacific[®]CSV line of cast steel gate, globe and check valves from Crane ChemPharma & Energy provide the highest level of quality and performance in demanding applications.

"Pacific has partnered with a world-renowned foundry to deliver the highest quality of cast steel valves to our customers worldwide," said Global Business Line Manager, Tarun Shivlani, "These valves have been designed to exceed API 624 requirements and achieve industry leading fugitive emissions with superior packing selection, and the highest degree of manufacturing control."

Subject to Crane's rigorous development and testing process, each Pacific®CSV valve is uniquely built and tested per API 598 standards to offer exceptional performance in the global oil & gas, petrochemical, power and refining industries. The globe valves also comply to API 623, standard released specifically for globe valves. With higher Cv rates and lower operating torques than alternative valve types, Pacific®CSV valves deliver superior value to users in demanding applications.

The new line of cast steel valves has several improved features that enhance reliability and O&M including:

1 The gate valve's fully-guided wedge, which ensures smooth operation in both horizontal and vertical orientations to deliver improved resistance to sticking

2 The globe valve's uniquely-designed line contact between disc and seat, which enables lower seating torque and faster set up.

3 The swing check's disc fastener, which is restrained by the bonnet to eliminate the risk of a displaced disc and prevent damage to downstream equipment.

These valves are available in various sizes and materials of construction, including special alloys and stainless materials. For more information about new Pacific[®]CSV valves and Crane's complete portfolio of industry-leading valve solutions, please visit www.cranecpe.com.

To view the release online and access the full text, please visit our press room.

http://www.cranecpe.com/chem-energy/about-us/press-room

MEDIA CONTACT



ANETA STEPHENS

Global Director of Marketing and Communications Tel: +1-647-282-4767 E-mail: astephens@cranecpe.com

MOLLY DUGAN

Global Marketing Communications Specialist - PR Tel: +1-513-745-6021 E-mail: mdugan@cranecpe.com

