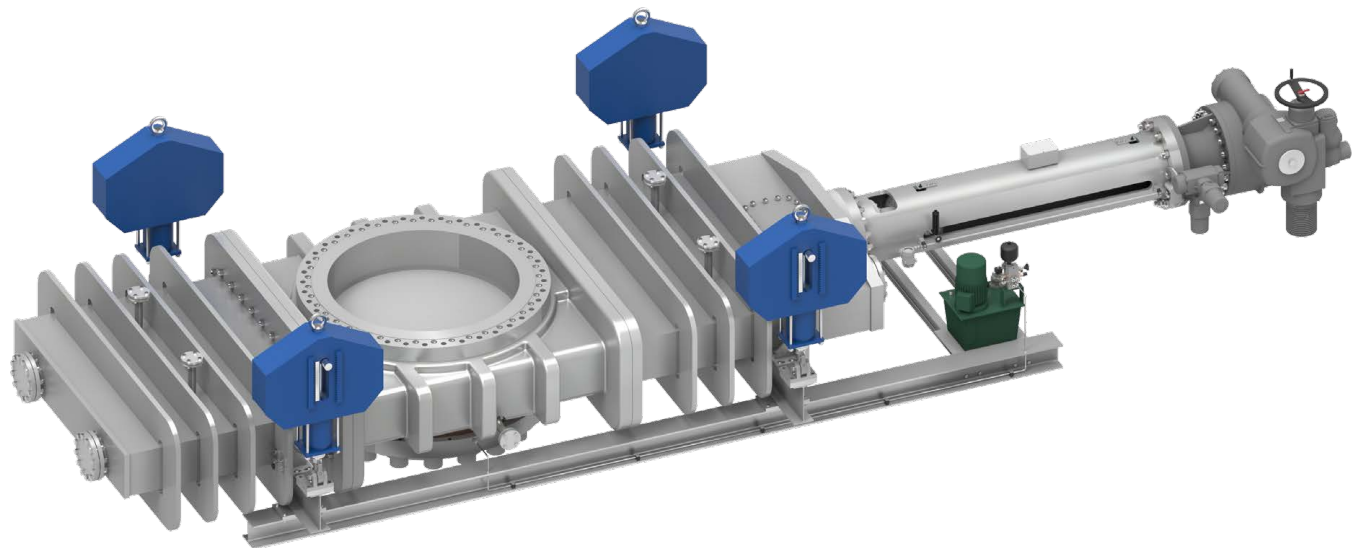




BOMAF[®]
Oil & Gas

www.bomafa.eu



VALVES FOR DELAYED COKING
OIL & GAS DOWNSTREAM PROCESSES

SPECIAL VALVES

Taking advantage of its long-standing know-how in designing and supplying special valves for severe operating conditions for metallurgical plants like blast furnaces, the BOMAFA Oil & Gas today develops, manufactures and distributes special valve solutions for refineries and petrochemical plants.

AUTOMATIC BOTTOM UNHEADING VALVES

In the field of **Delayed Coking** process, BOMAFA offers Automatic Bottom Unheading Valves tailored to your needs. Given the innovative design features, a patent application was introduced by BOMAFA.

The unique BOMAFA design combines the tightness of the classical Double Disc design and the low weight and small footprint of the classical single gate design.

The BOMAFA Plate-Disc-Combination design with an external, active sealing force applied to the floating lower valve-body seat together with a circular shaped lower disc, guided by spherical

caps, combines the advantages of the single-plate design with those of the double-disc design. Subsequently, it offers an important innovation to the industry eliminating the disadvantages of competing classical concepts.

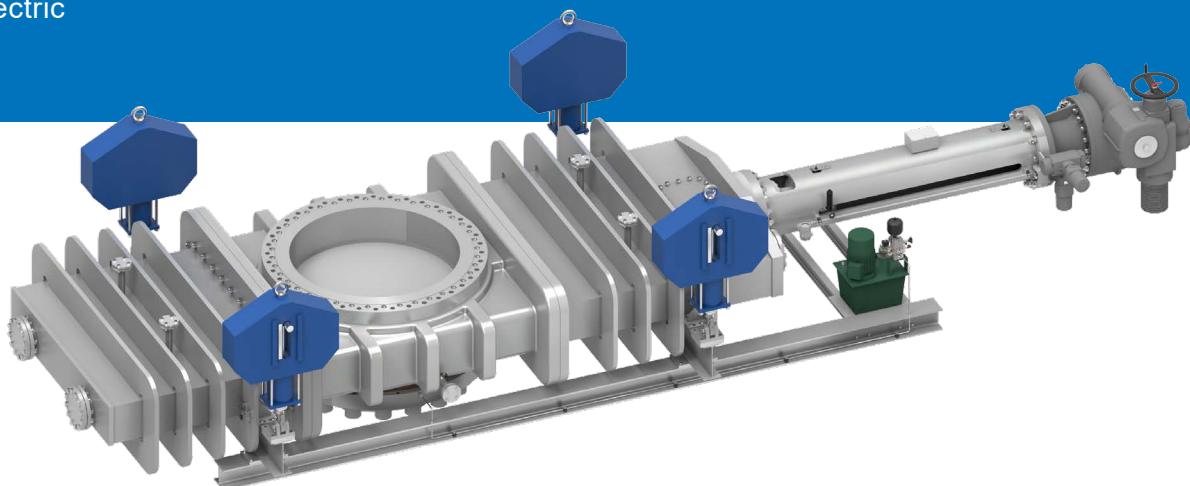
The new BOMAFA sealing is a “floating” system, which is unaffected by any deformations caused by thermal stress or pressure issues.

The valves are available with different actuator systems, with hydraulic power and control units as well as with steam purge systems.

Typical Figures

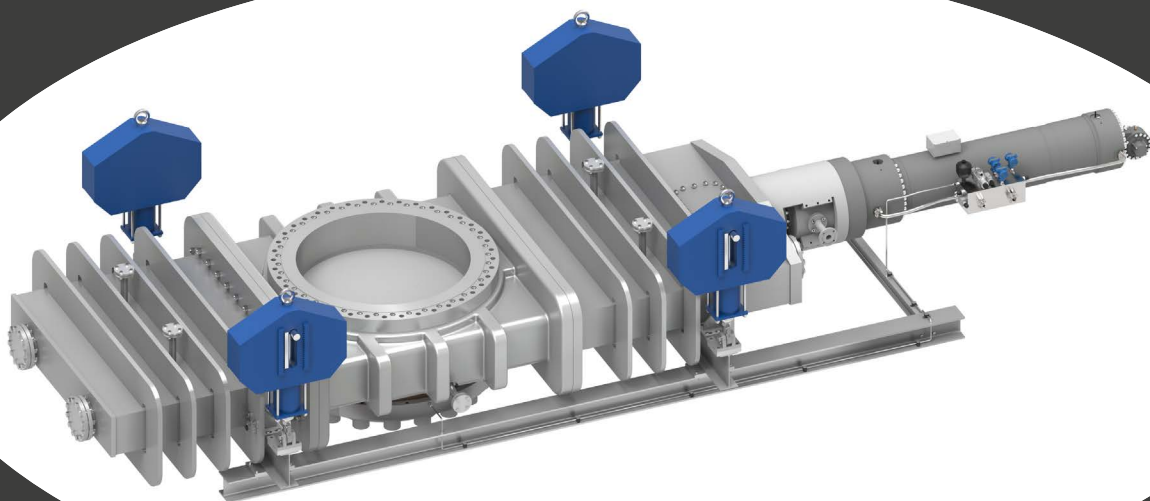
- ▶ typical size 60" (1500 mm)
- ▶ outside dimensions: 9,500 × 2,900 × 950 mm
- ▶ weight: approx. 38,000 kg
- ▶ operating temperature up to 550° C operating
- ▶ pressure up to 10 bar(g) actuation: hydraulic or
- ▶ electric

Other sizes, design features and / or operating features are available on request.



Key features

- ▶ Small footprint, light weight
 - ▶ Special disc / gate design in combination with active, mechanical sealing force provides positive, tight shut-off when shut
 - ▶ True Double Block and Purge performance within one valve body
 - ▶ Open throughway without flow restrictions in open position
 - ▶ Valve design according to customer demands and licensors/customers specifications
 - ▶ Electrical, hydraulic or pneumatic options available for valve actuation
 - ▶ On/off as well as modulating service possible
- ▶ BOMAF A provides system package comprising Valves, Actuators, Hydraulic Power Station, Hydraulic manifolds, Steam Purge Systems and PLC control system out of one hand



BOMAF A PRODUCT RANGE - OIL & GAS



ADDITIONAL PRODUCTS - IRON & STEEL

Goggle Valves, Lever Valves, Double Eccentric Valves, Butterfly and Louver Valves, Dust Outlet Valves, Hot Blast Valves, Tuyere Stocks, Wedge Gate Valves

Push Lever , Snort Valves, Bleeder Valves, Equalizing & Relief Valves, Back Draft Valves, Non Return Valves, Line Blinds

ADDITIONAL SERVICES

Repair Services, Refurbishment and Modification,
Spare Parts for each kind and Brand of Valves

The information and specifications contained in this literature are considered accurate. However, they are supplied for informative purposes and should not be considered certified. The products of BOMAFA Group are continually being improved and the specifications, dimensions and information contained in this catalogue are subject to change without notice. For additional information or confirmation, please consult your BOMAFA Group representative.

Quality Management System



ISO 9001-2015

Head Office:

BOMAFA Oil & Gas GmbH

Hohensteinstr. 52
44866 Bochum / Germany

Tel: +49 (0) 2327 992 - 0
Fax: +49 (0) 2327 314 - 43
Email: sales@bomafa.eu
Website: www.bomafa.eu

