

Designed for protection of compressor rotor bundle against foreign-object damage.

Working medium is non-aggressive natural gas and other non-aggressive media at the temperature ranged -60°C to +80°C.

Welded end connection.

Climatic version for areas with temperate and cold climate (-60°C thru +45°C).

The average service life before overhaul is no more than 40 years.

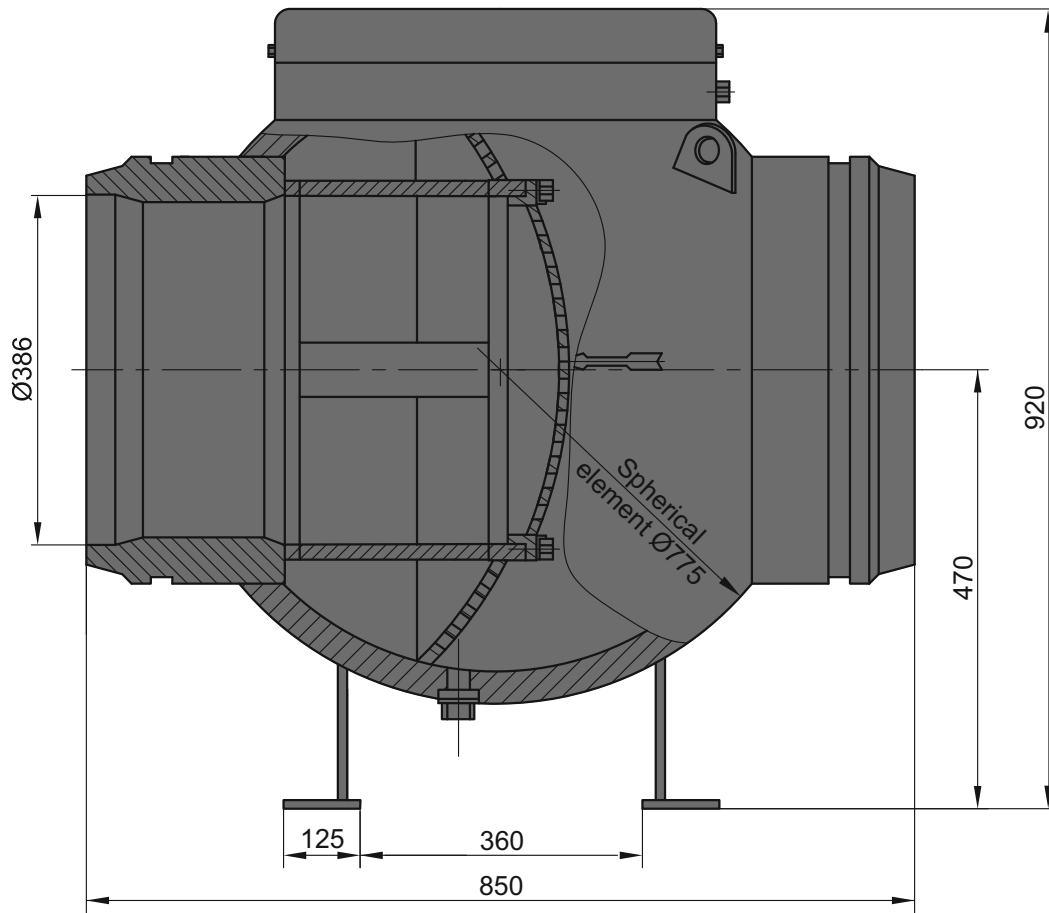
The Company reserves the right to make design changes to improve it, while minor changes may not be shown in the Catalog.

Design features:

- Minimum hydraulic resistance: perforated area is more than bore cross-section area of the pipeline.
- One-piece stamped and welded body.
- Replacement screen and manhole to remove solids and debris (DN 700 and over).
- High maintainability.



DN 700 PN 100

**Product designation****RZ-400-100-Pr****Figure designation****1.2790.163.100.00**

Diameter Nominal, DN, mm

400

Pressure Nominal, PN, MPa

10.0

Hydraulic pressure losses at nominal operation conditions, max, MPa

0.01

Total area of screen holes

larger than area of pipeline section

Connection

welded end (WE)*

Weight, max, kg

650

Material of main parts

Body

steel 09Г2С

Cover

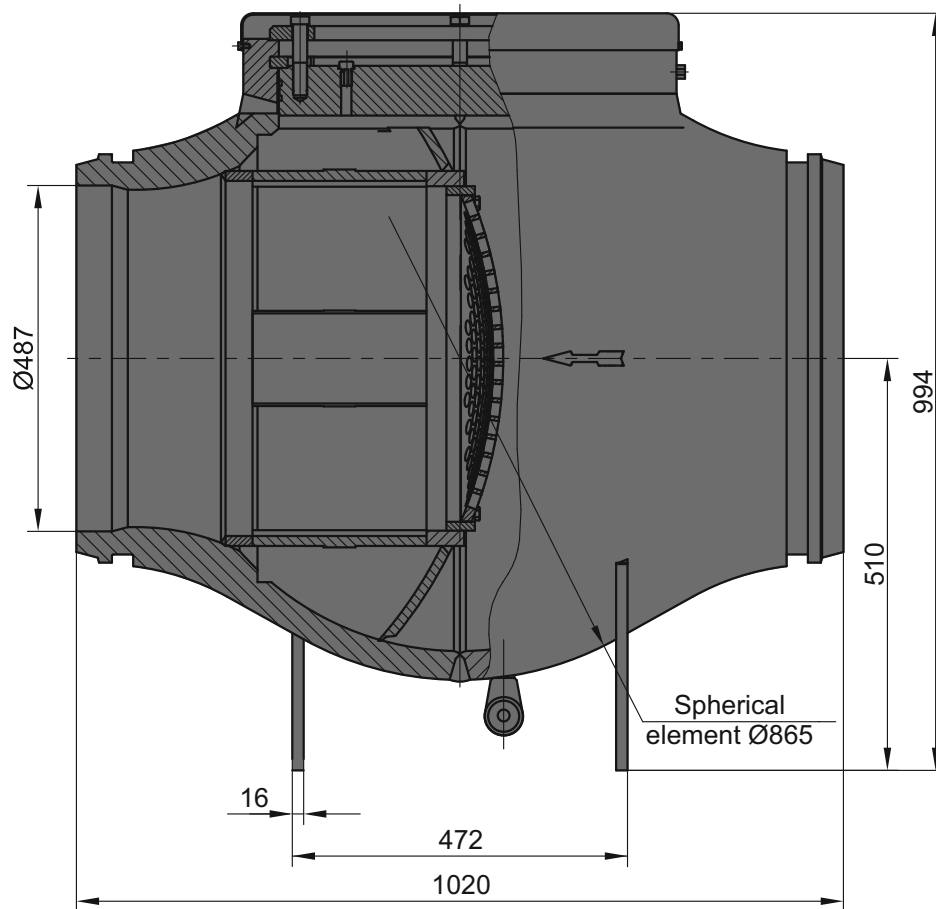
steel 09Г2С

Screen

steel 09Г2С

* Pipe is beveled to the pipe specified by a Customer.



**Product designation****RZ-500-100-Pr****Figure designation****1.2790.125.100.00**

Diameter Nominal, DN, mm

500

Pressure Nominal, PN, MPa

10.0

Hydraulic pressure losses at nominal operation conditions, max, MPa

0.01

Total area of screen holes

larger than area of pipeline section

Connection

welded end (WE)*

Weight, max, kg

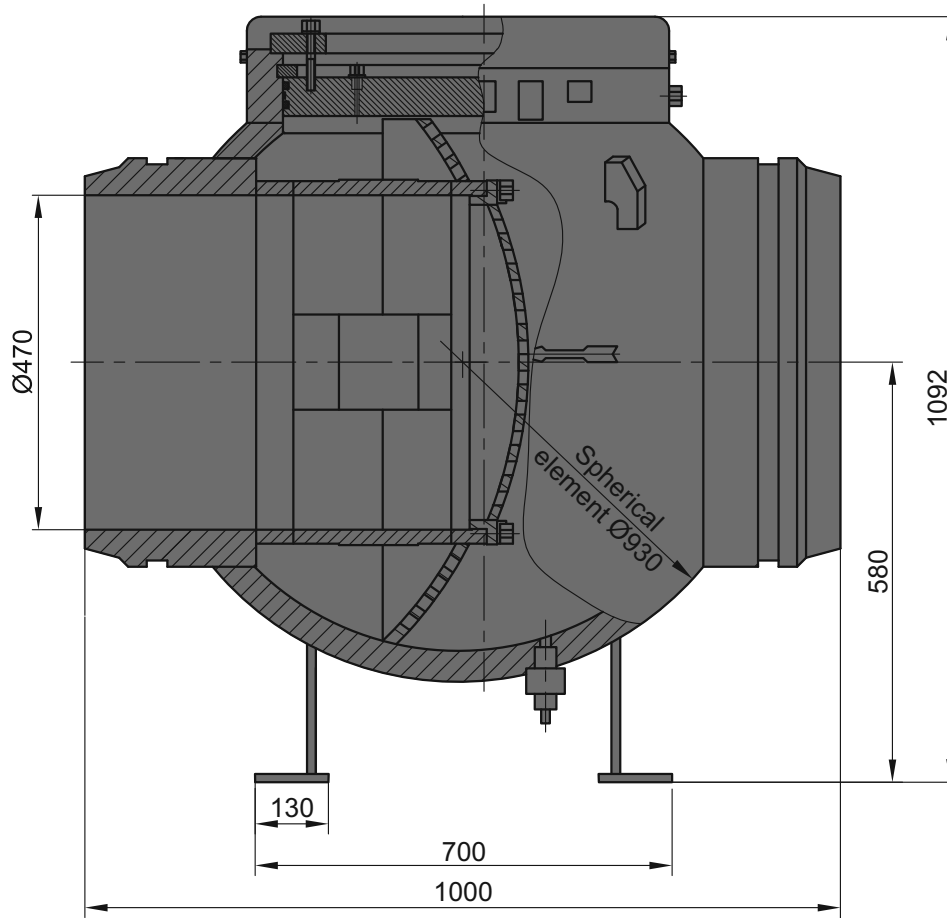
1020

Material of main parts

Body	steel 09Г2С
Cover	steel 09Г2С
Screen	steel 09Г2С

* Pipe is beveled to the pipe specified by a Customer.



**Product designation****RZ-500-200-Pr****Figure designation****1.2790.176.100.00**

Diameter Nominal, DN, mm

500

Pressure Nominal, PN, MPa

20.0

Hydraulic pressure losses at nominal operation conditions, max, MPa

0.01

Total area of screen holes

larger than area of pipeline section

Connection

welded end (WE)*

Weight, max, kg

1345

Material of main parts

Body

steel 09Г2С

Cover

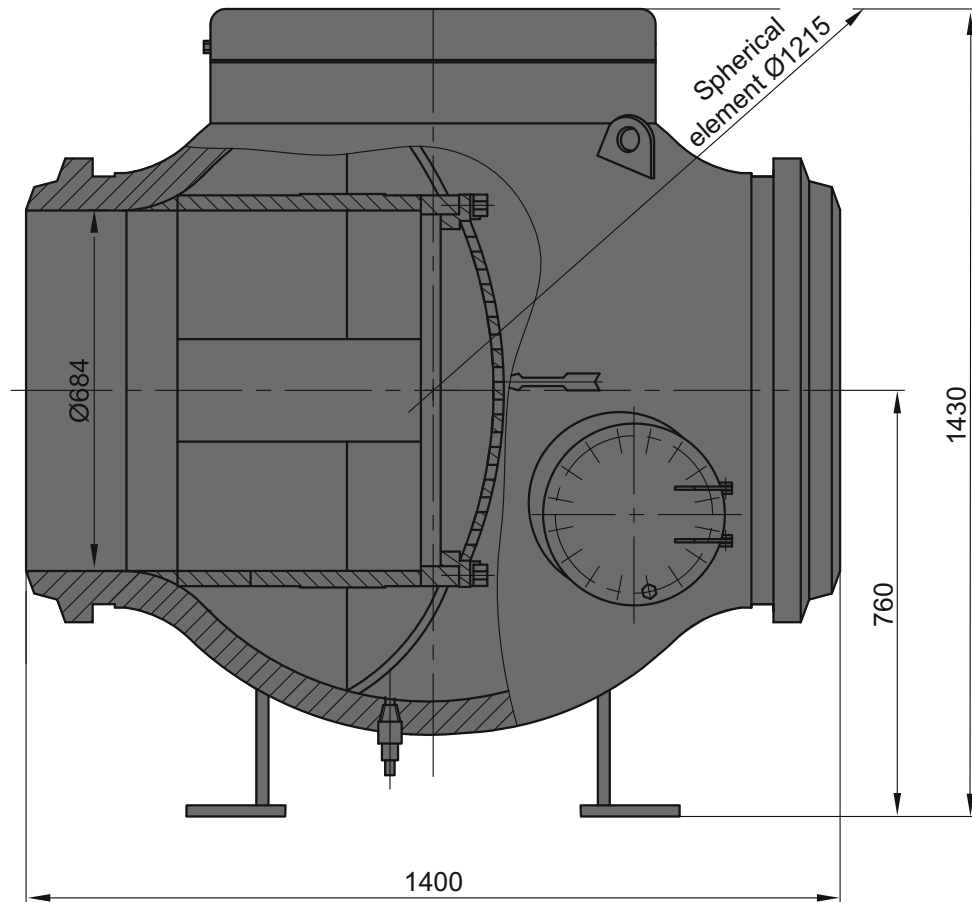
steel 09Г2С

Screen

steel 09Г2С

* Pipe is beveled to the pipe specified by a Customer.



**Product designation****RZ-700-100-Pr****Figure designation****1.2790.7.100.00-01**

Diameter Nominal, DN, mm

700

Pressure Nominal, PN, MPa

10.0

Hydraulic pressure losses at nominal operation conditions, max, MPa

0.01

Total area of screen holes

larger than area of pipeline section

Connection

welded end (WE)*

Weight, max, kg

3100

Material of main parts

Body

steel 09Г2С

Cover

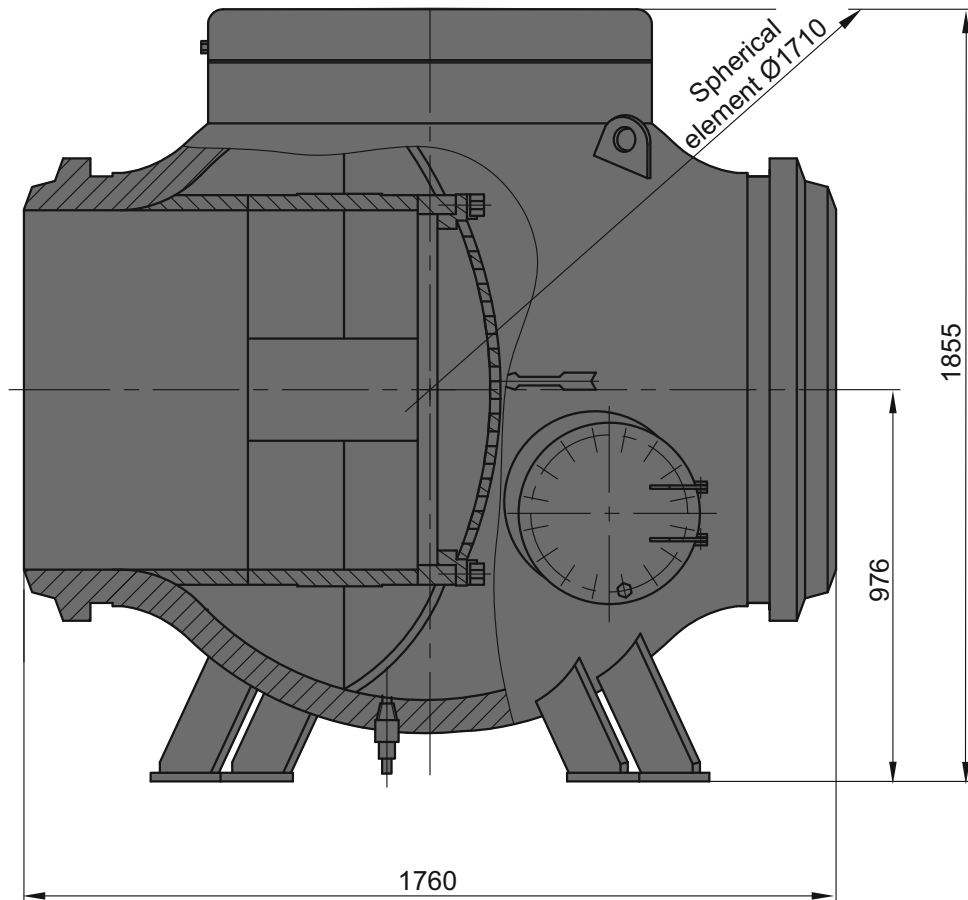
steel 09Г2С

Screen

steel 09Г2С

* Pipe is beveled to the pipe specified by a Customer.



**Product designation**

RZ-1000-100-Pr

Figure designation

1.2790.3.100.00-01

Diameter Nominal, DN, mm

1000

Pressure Nominal, PN, MPa

10.0

Hydraulic pressure losses at nominal operation conditions, max, MPa

0.01

Total area of screen holes

larger than area of pipeline section

Connection

welded end (WE)*

Weight, max, kg

6550

Material of main parts

Body

steel 09Г2С

Cover

steel 09Г2С

Screen

steel 09Г2С

* Pipe is beveled to the pipe specified by a Customer.

