

Frese SIGMA Compact

Dynamic Balancing Valve

The Frese SIGMA Compact is an externally adjustable dynamic balancing valve that provides simple, accurate and reliable flow limitation and isolation in heating and cooling systems

The Frese SIGMA Compact can be used in both heating and cooling systems for the effective distribution of flow in various sections of the system. The Frese SIGMA Compact can be used instead of traditional double regulating valves and can be installed in both variable flow systems and constant flow systems.

The Frese SIGMA Compact can be set to the required position easily by using the scale, to limit the flow rate in certain parts of a system, eliminating overflows and the unnecessary wastage of energy. The internal differential pressure control function of the Frese SIGMA Compact ensures that the set flow rate is limited irrespective of differential pressure fluctuations in the system.

The hand wheel can be used to close the valve and to open it to the preset flow.

Max differential pressure:
800 kPa

Temperature range:
0°C to 120°C (DN50 to DN125)
0°C to 110°C (DN150 to DN300)

Dimensions:
DN50-DN300

Material:
Cast/Ductile Iron

Flow range:
Up to 600,000 l/h

Pressure class:
PN16/PN25

For cooling and heating applications

Frese

Innovative solutions from Frese balance global HVAC systems accurately and efficiently. From cooling systems in the Middle East to heating systems in Scandinavia, our products transform state of the art technology into everyday solutions.

KNOWLEDGE

QUALITY



INNOVATION

MANUFACTURING
EXCELLENCE

CUSTOMER
FOCUS