

Valve plates

**High speed. High pressure.
High reliability.**

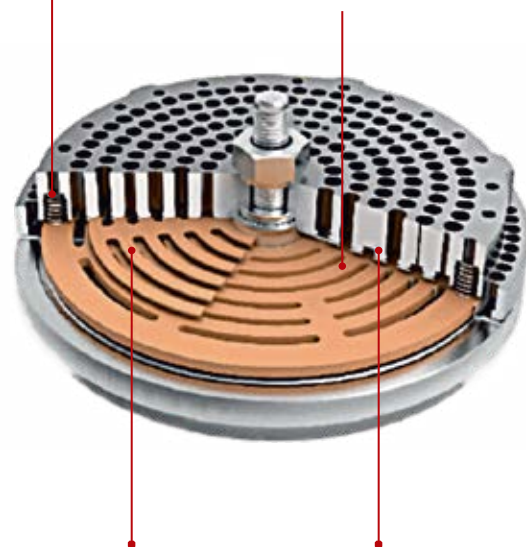
- The polymer valve plate, locked against radial movement, provides excellent tightness
- Flow channels with precisely matched cross-sections provide high performance
- Quick and easy maintenance
- The valve plate operates efficiently when compressor capacity is changed by crankshaft speed control in the range up to 1500 rpm
- A damping plate and profiled seat are incorporated to eliminate “sticking” effect in the valve
- DLC coating on critical valve components provides a solution for long-term wear resistance in environments with high amount of mechanical impurities

Applications

- ✓ Oil and gas (up-, mid- and downstream)
- ✓ Gas pipelines
- ✓ Gas storage
- ✓ Chemical and petrochemical industries
- ✓ LNG production
- ✓ Metallurgy
- ✓ Food and beverages

Springs are made of high-alloy corrosion-resistant steels and nickel-based alloys

PEEK polymer valve plate provides excellent chemical resistance, high-temperature deviances and impact resistance, making them suitable for a wide variety of applications



Damping plates are made of high-quality heat-treated stainless steel

Standard seats and stops are made of high-quality stainless steel



up to
1500 rpm



up to 230° C
discharge
temperature



up to 30 MPa
differential
pressure



lubricated
and dry



warranty
lifetime is
8,000 hours

