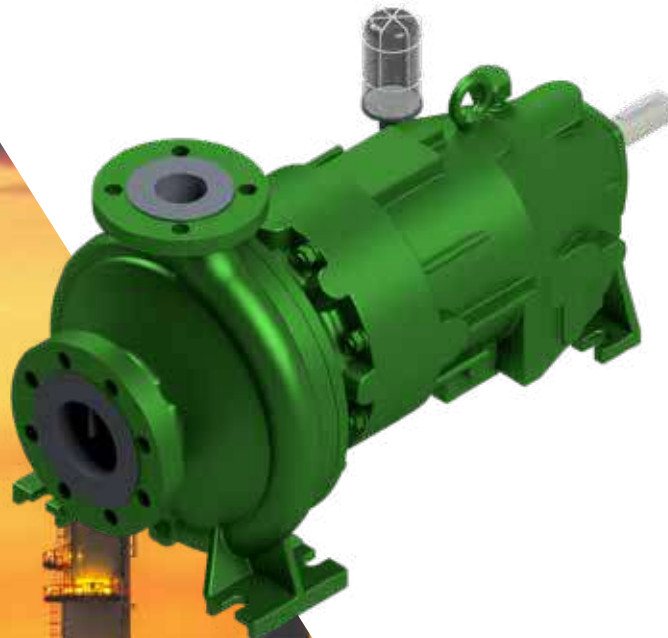


Standard chemical pump
with magnetic coupling



Type NMR

- Operational up to 300°C
- Maintenance free operation
- Universal monitoring options



Applications

- Oil & Gas
- Chemistry & Petrochemistry
- Offshore
- Ship technology & Marine
- Refueling equipment & Aviation
- Industrial heating systems & Heat carriers
- Tank storages & Tank farms
- Renewable energy & Environmental Technology

Standard chemical pump with magnetic coupling

Type NMR

The NMR is a standardized chemical pump with housing dimensions according to ISO 2858 with magnetic coupling. The pumped medium is hermetically sealed off from the outside by the containment can, and the eddy currents generated in this area are dissipated by the internal circulation. The generously dimensioned shaft bearing, which is in contact with the medium, is mounted in SiC plain bearings and thus runs without maintenance and wear. The NMR impresses with a „heavy duty design“ in the area of the rolling bearing, which is particularly resilient due to oil lubrication. The complete axial thrust compensation is guaranteed over the entire characteristic curve field by the installed hydraulics. Due to a wide range of variants and monitoring options, an individual solution can be found for every operator.

Design

Pumptype	Volute casing pump
Stages	single-staged
Sealing	Magnetic coupling
Set-up	horizontal
Self-priming	no
Bearings	rolling bearing, plain bearing on product side
Lubrication	Oil

Material

Spheroidal graphite iron / Cast steel, Austenitic steel, Duplex, Ni-Based
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Technical data

Q max	1400 m ³ /h**
H max	250 m**
Operating pressure	16/24/40 bar*
Temperature	300°C*
max rotational speed	3500 min ⁻¹

* higher temperatures and pressures on request
** depending on size and speed

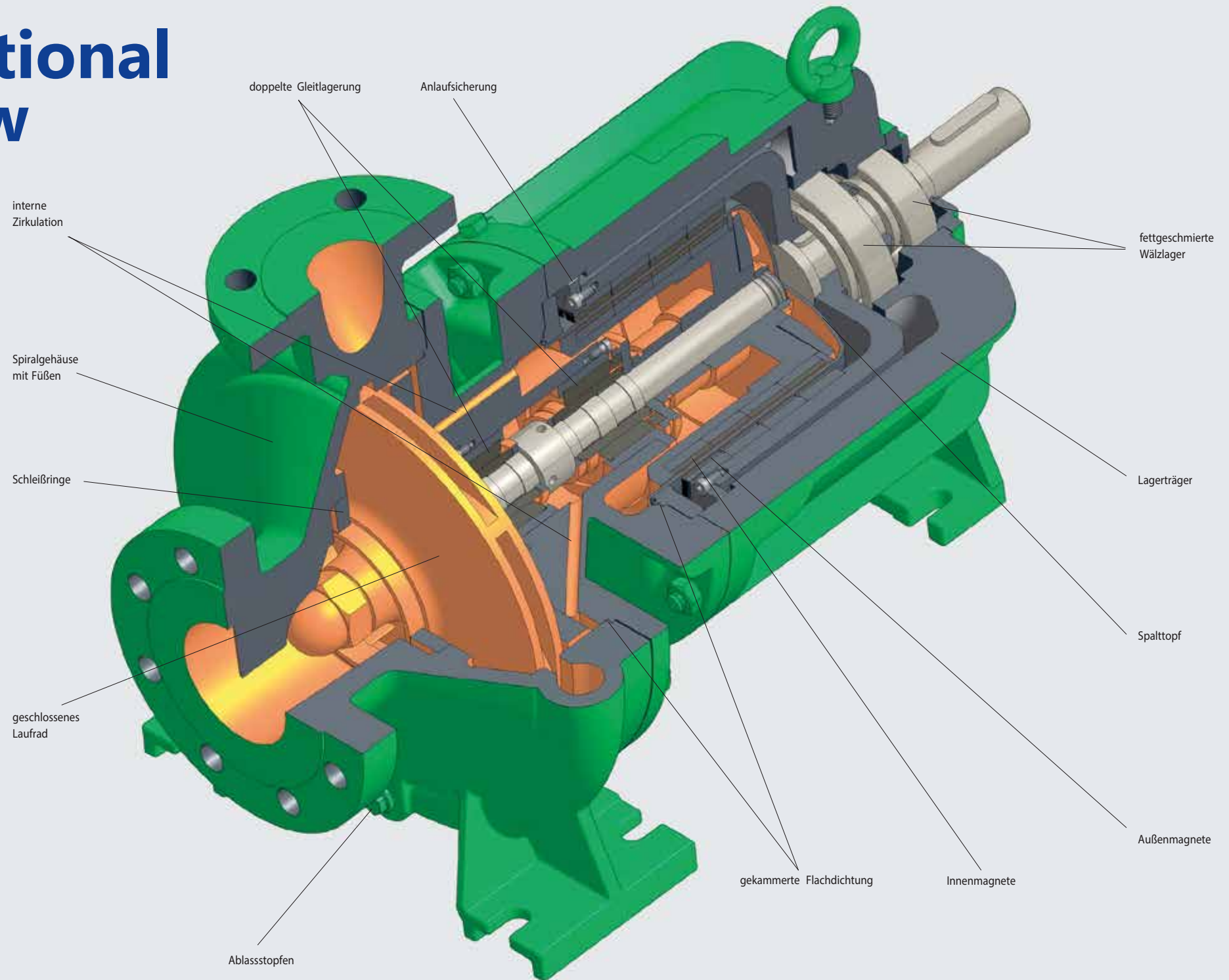
Norm

EN 2858 / ISO 15783
Explosion protection: Category 2 / Zone 1

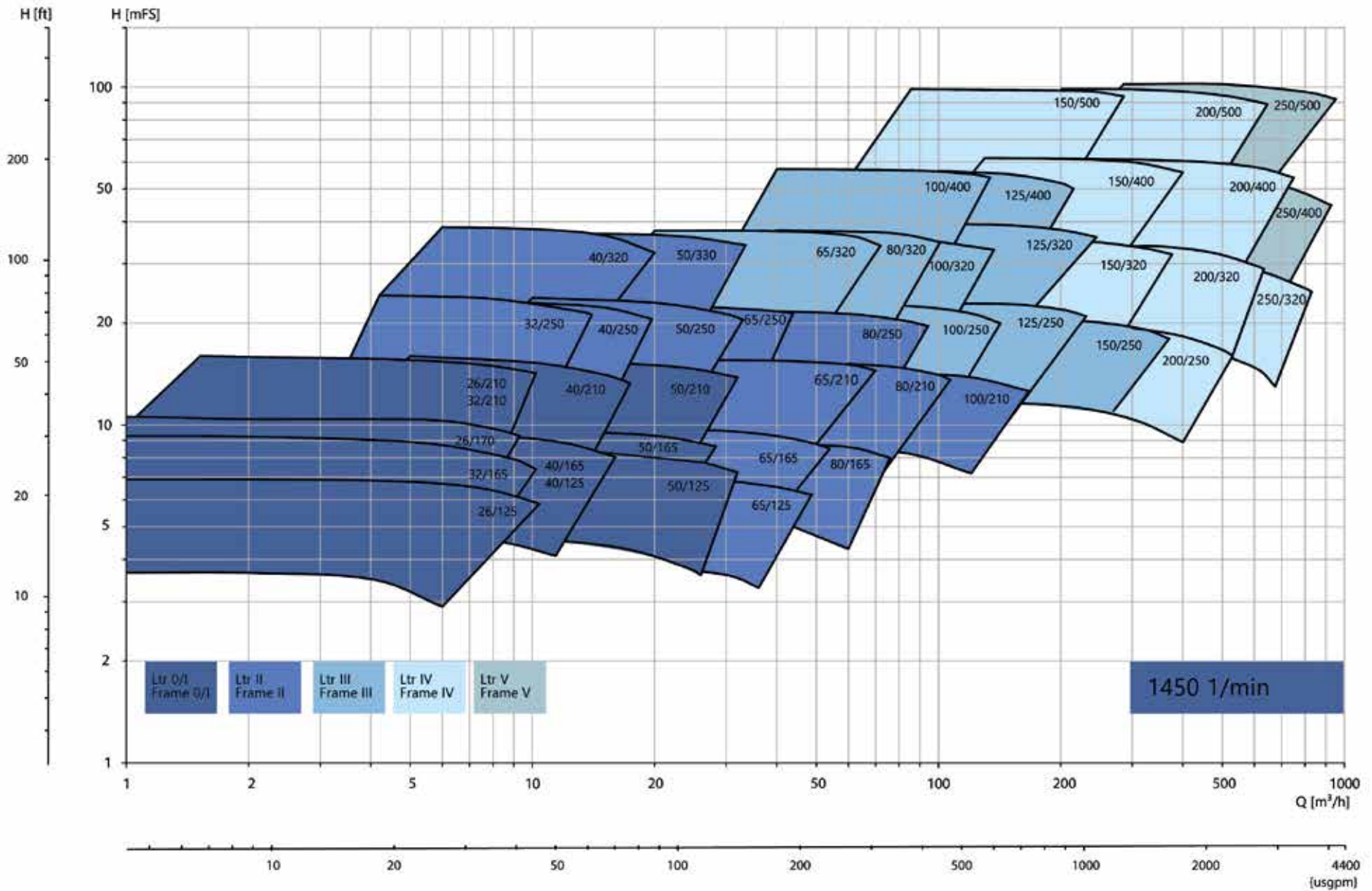
More
Information



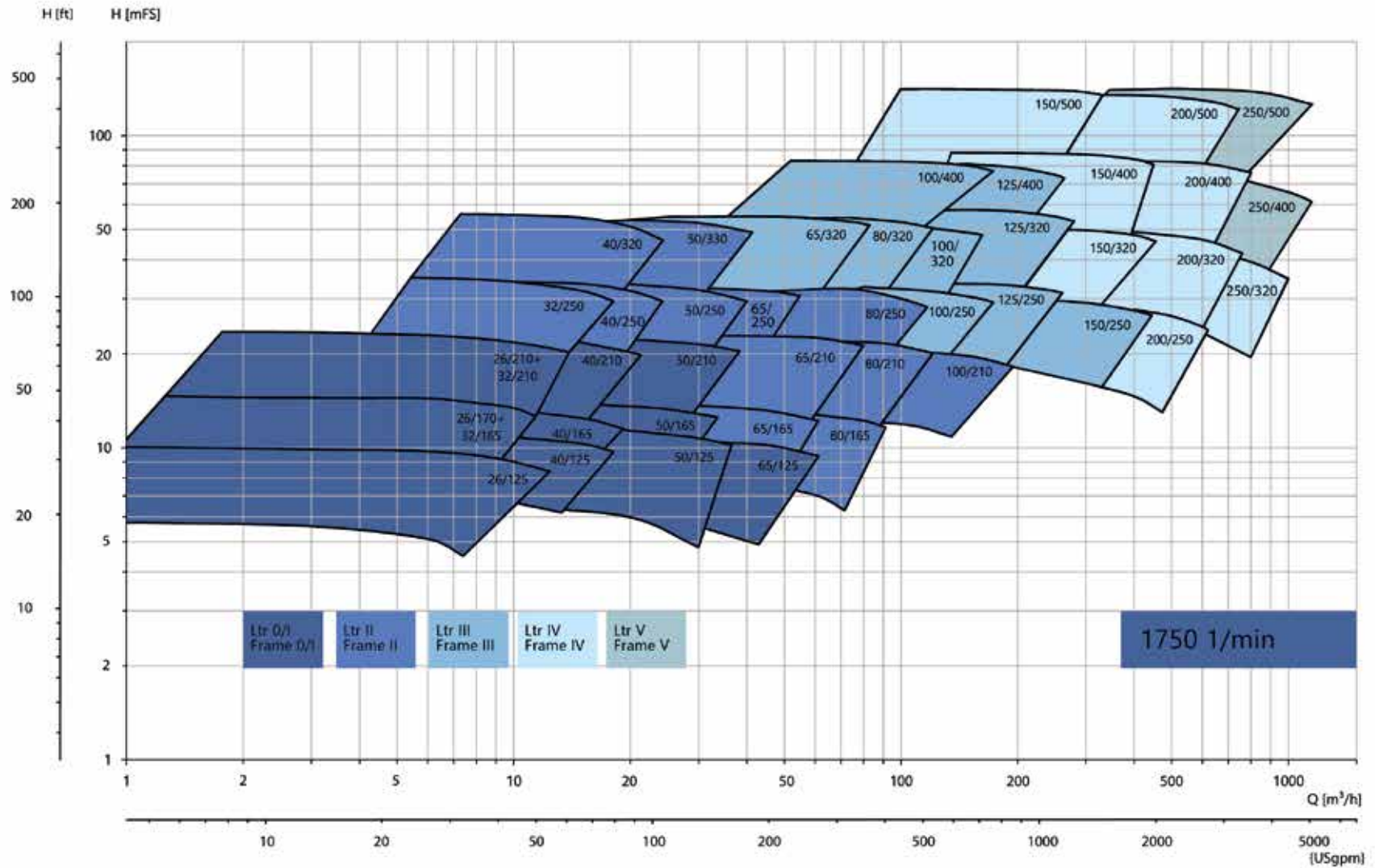
Sectional view



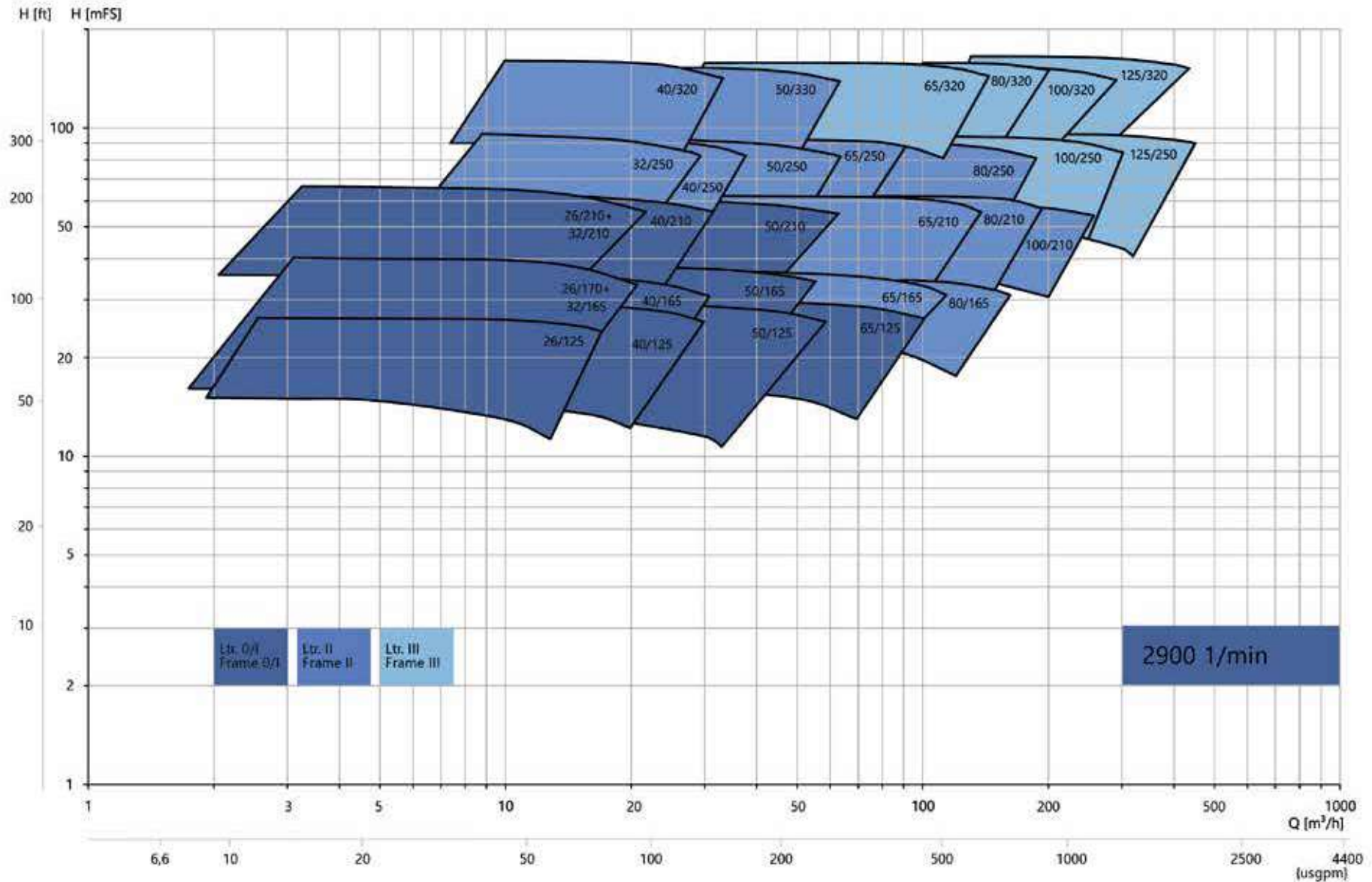
Characteristic curves



Characteristic curves



Characteristic curves



Characteristic curves

