

Standard chemical pump

Type NCL

- Operation up to 250°C
- Wide range of variants
- Universally applicable



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 Type NCL

The type NCL is a standardized chemical pump PN 16 according to ISO 2858. Sizes deviating from the characteristic diagram and adapted to the requirements of the operators, it is graded in such a way that the best possible efficiency is achieved. This pump is a single-stage, single-entry volute casing pump in process design, with axial suction port and axial center discharge port pointing vertically upwards. In addition to the standard version, the NCL is also available with heating jacket, with inducer, with axle-centered suspension or as a version with open impeller as well as wear plate. Due to a wide range of materials and the possibility of installing various shaft sealing systems, DICKOW standardized chemical pumps are suitable for pumping almost all media used in the above mentioned industries.

Design

Pumptype	Volute casing pump
Stages	single-staged
Sealing	Mechanical Seal
Set-up	horizontal
Self-priming	no
Bearings	Rolling bearing
Lubrication	Oil / Grease

Material

Ductile cast iron (EN-GJS) / Cast steel (GP 240 GH),
Austenitic cast steel (1.4408 / 1.4571),
Duplex (1.4517), Ni-based (2.4686)

Technical data

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

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

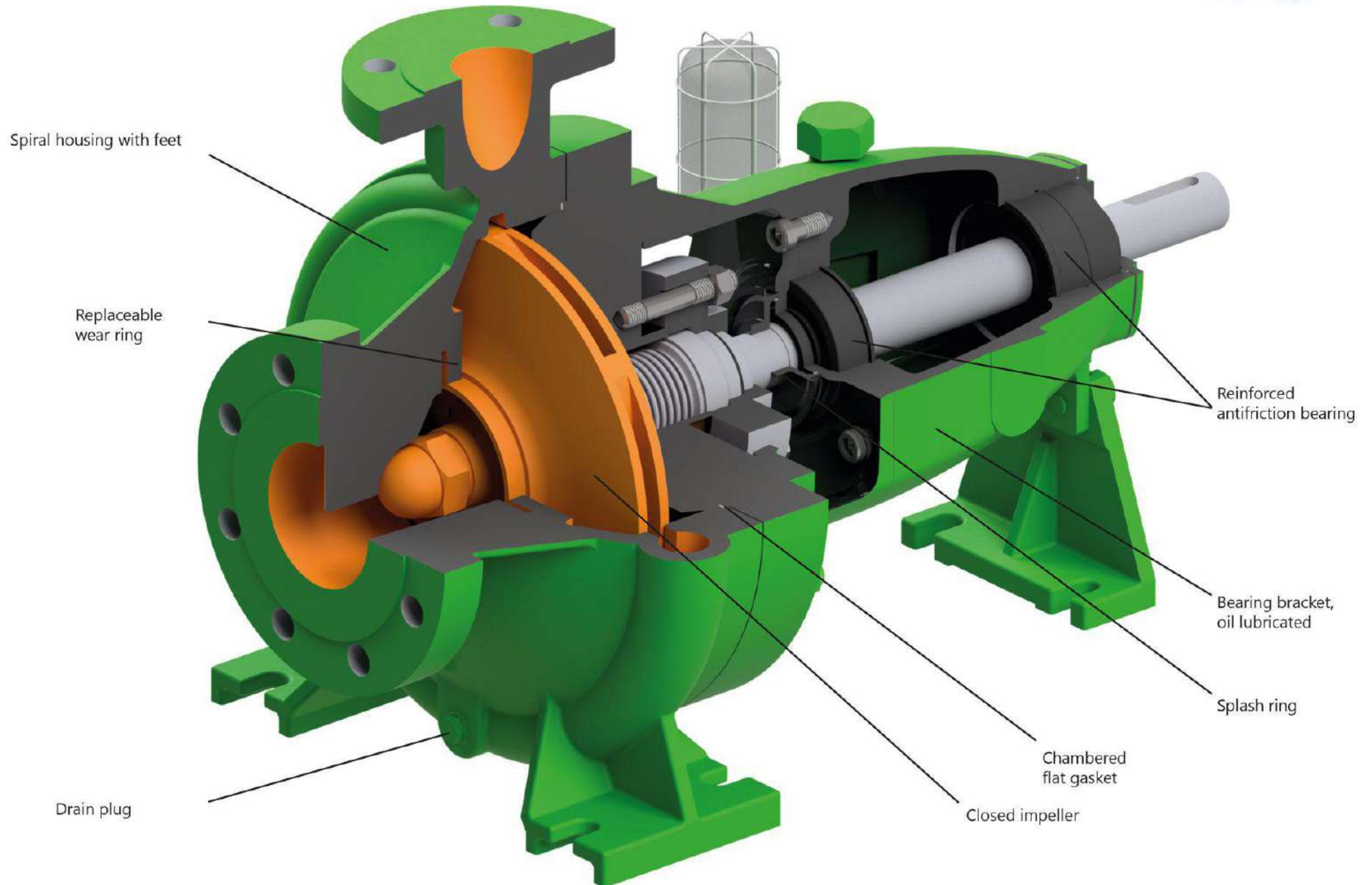
Norm

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

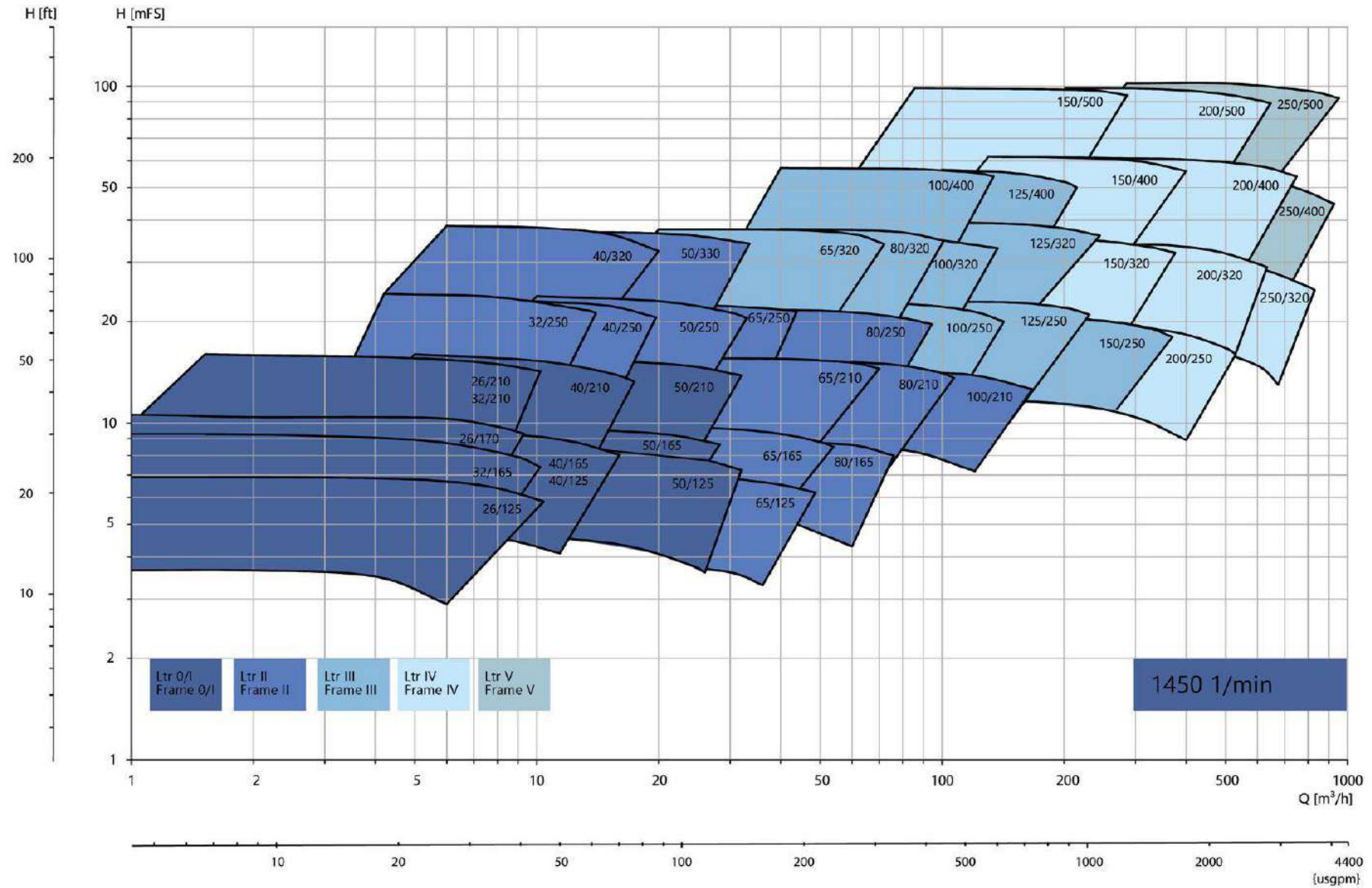
More
Information



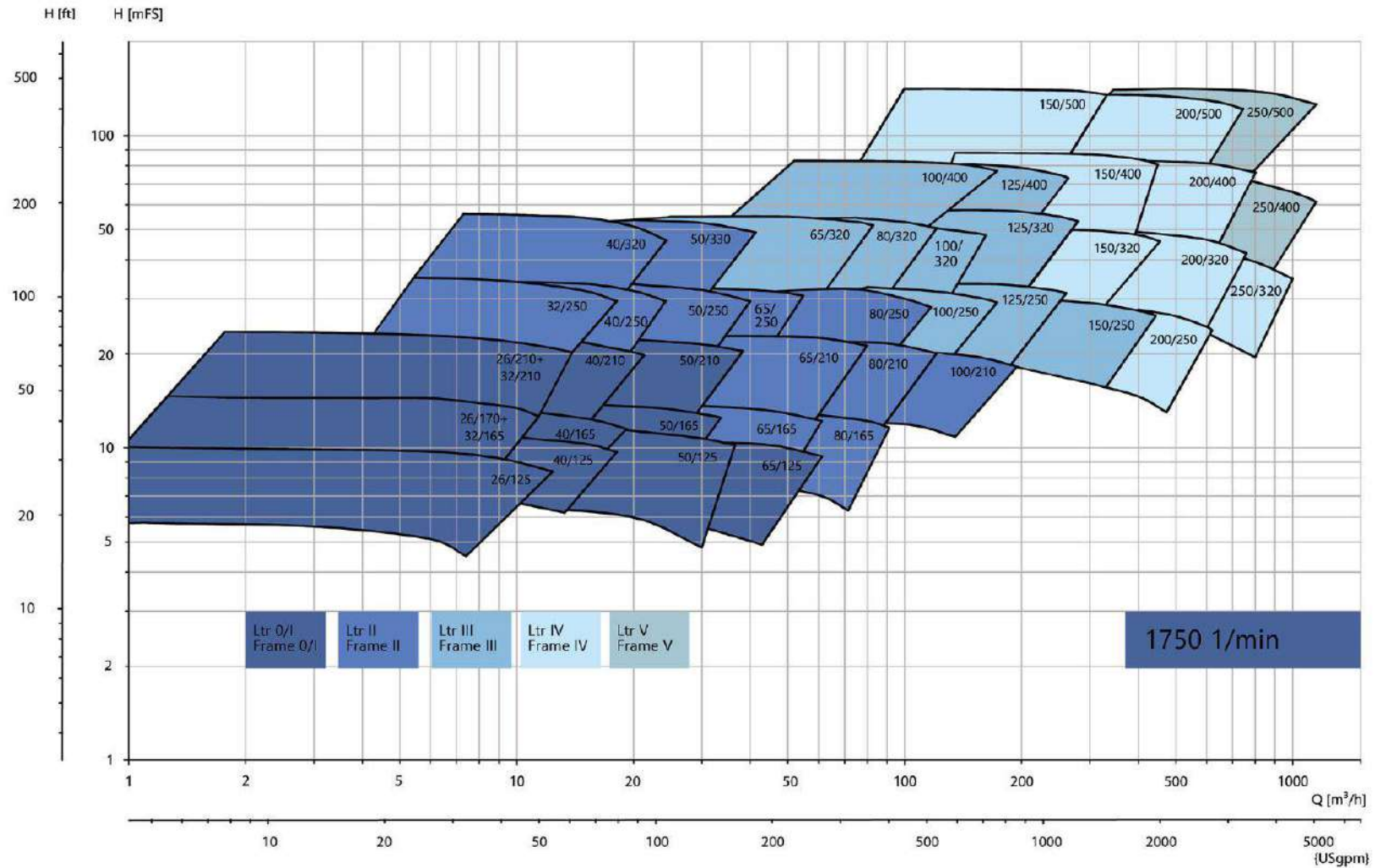
Sectional view



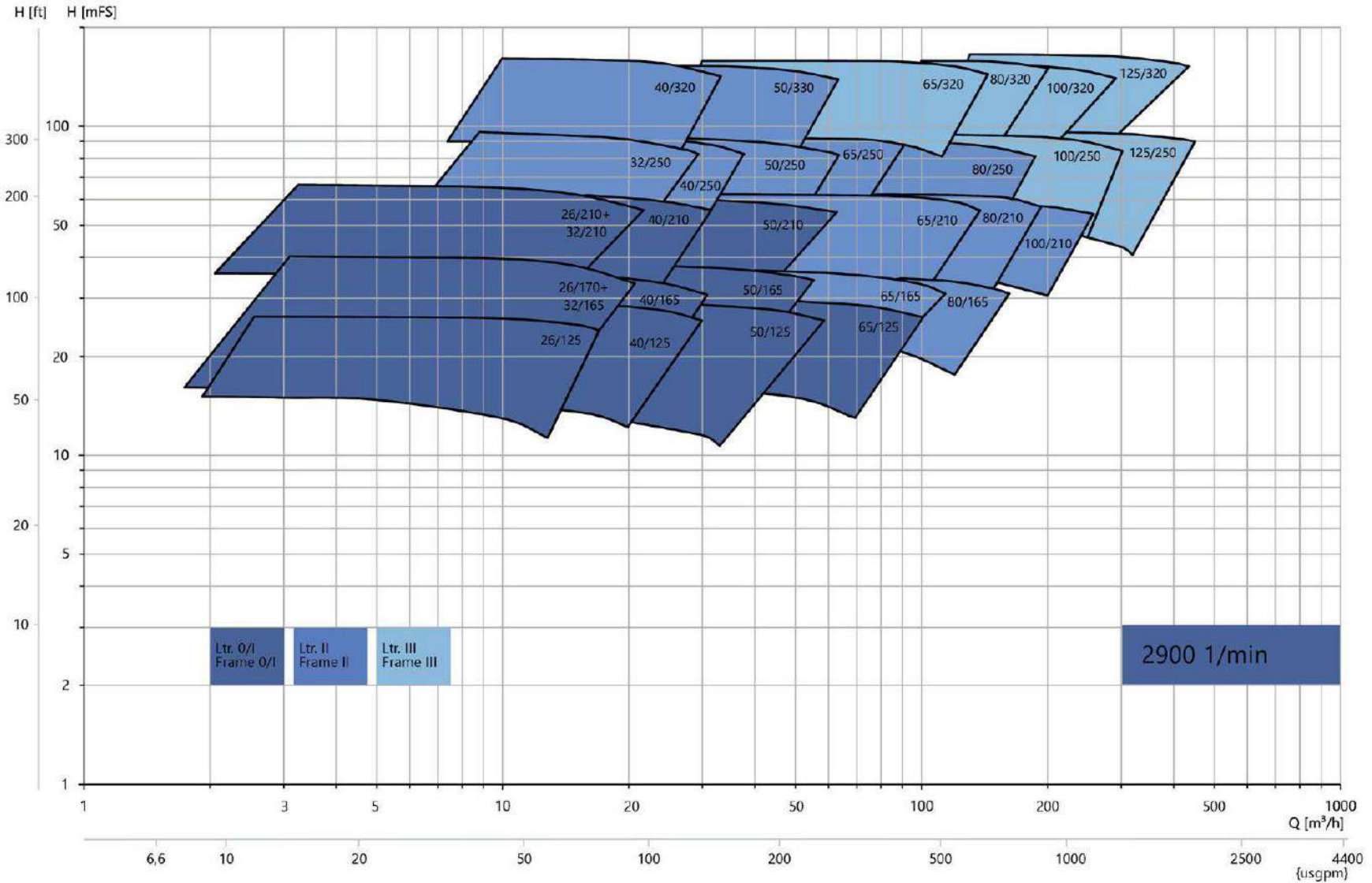
Characteristic curves



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