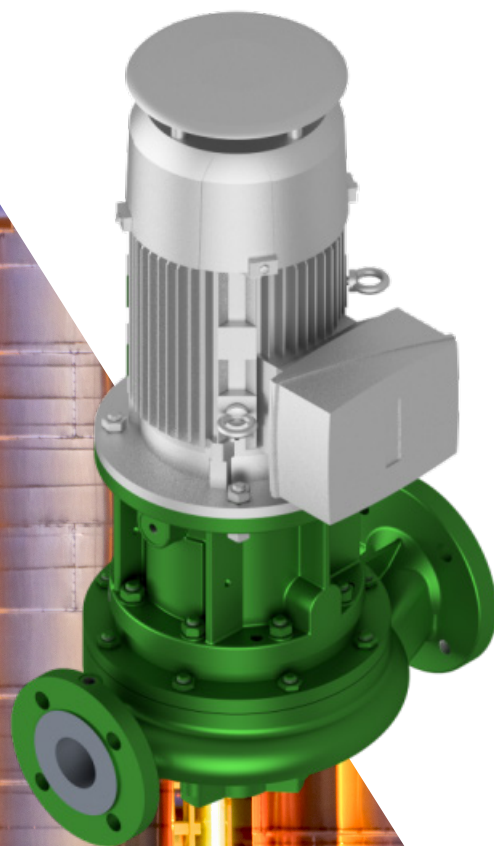


**Volute casing pump
with magnetic coupling**



Type KMV

- Vertical inline design
- Compact construction
- Maintenance-free operation



Applications

- | | |
|---|-------------------------------------|
| Oil & Gas | <input type="checkbox"/> |
| Chemistry & Petrochemistry | <input checked="" type="checkbox"/> |
| Offshore | <input checked="" type="checkbox"/> |
| Ship technology & Marine | <input checked="" type="checkbox"/> |
| Refueling equipment & Aviation | <input checked="" type="checkbox"/> |
| Industrial heating systems & Heat carriers | <input type="checkbox"/> |
| Tank storages & Tank farms | <input checked="" type="checkbox"/> |
| Renewable energy
& Enviromental Technology | <input checked="" type="checkbox"/> |

Volute casing pump with magnetic coupling Type KMV

Type KMV is an inline volute casing pump with opposite suction and discharge ports and permanent magnet coupling. The containment can hermetically seals the pumped medium from the outside. The pump shaft is supported in a SiC plain bearing. The direct mounting of the drive motor eliminates the need for additional roller bearings and the mechanical coupling. Due to the vertical design, the KMV is particularly space-saving and can thus be easily installed in the piping system.

Design

Pumptype	Volute casing pump
Stages	single-staged
Sealing	Magnetic coupling
Set-up	vertical
Self-priming	no
Bearings	Plain bearing
Lubrication	Grease

Material

Ductile iron (EN-GJS) / Cast steel (GP 240 GH),
Austenitic cast steel (1.4408 / 1.4571)

Technical data

Q max	100 m ³ /h**
H max	80 m**
Operating pressure	16 bar*
Temperature	180°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**

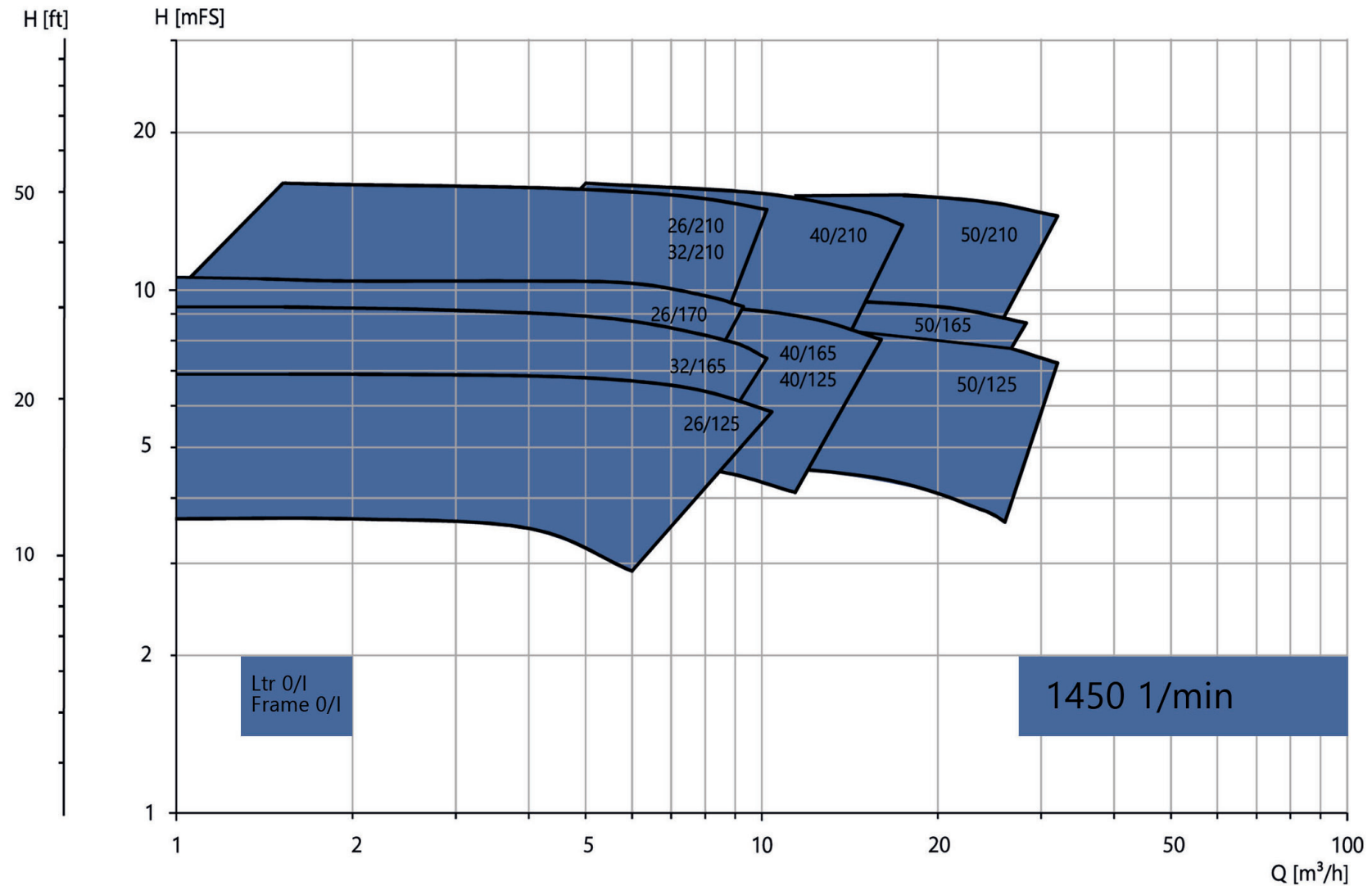


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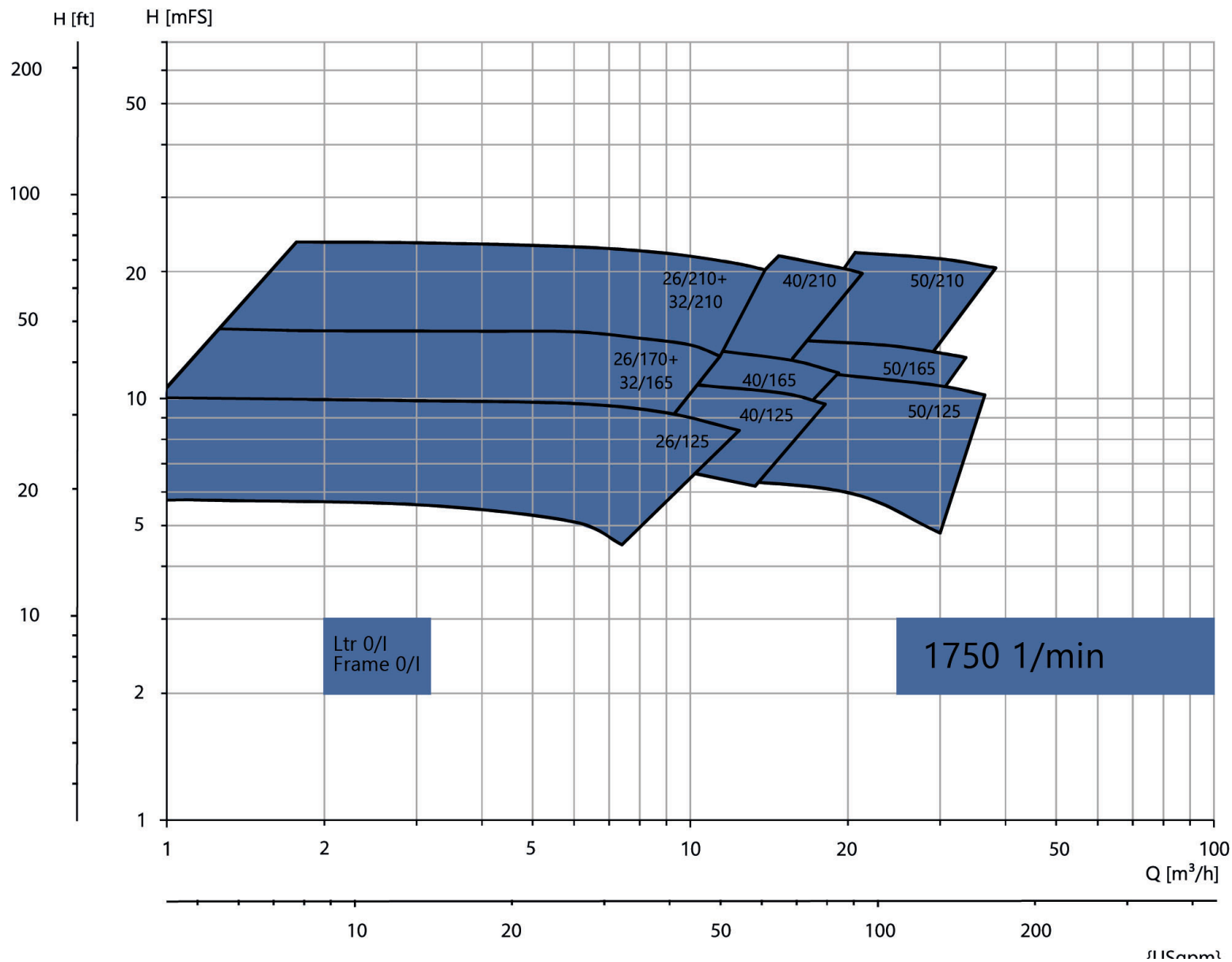
Siemensstr. 22 | 84478 Waldkraiburg | GERMANY

Tel.: +49 8638 602 0 | E-Mail: info@dickow.de | www.dickow.de

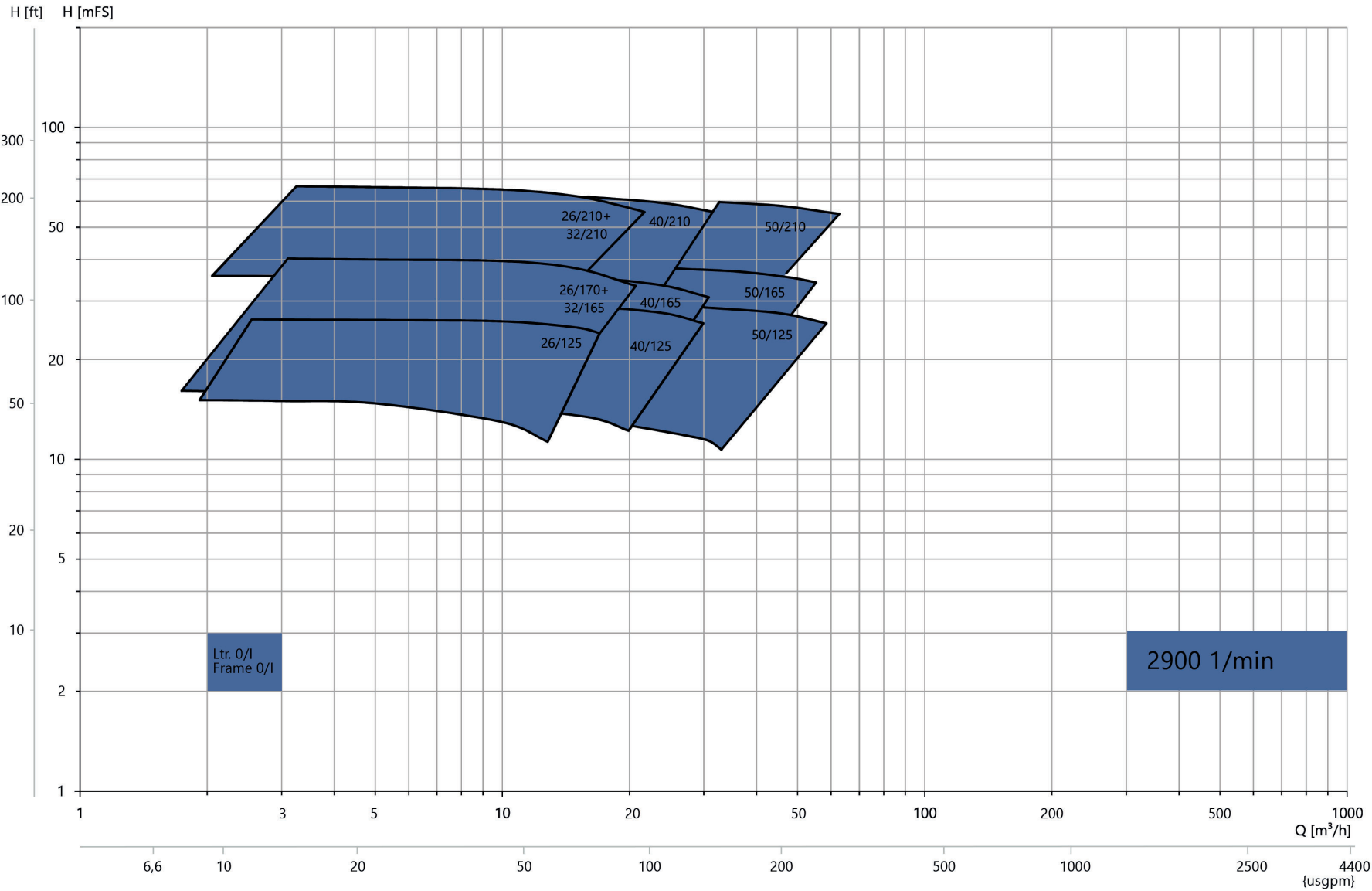
Characteristic curves



Characteristic curves



Characteristic curves



Characteristic curves

