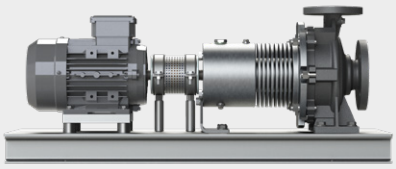
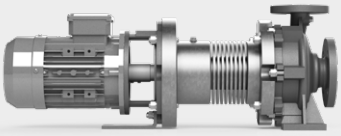
BOMBA ELIAS

Thermal fluid product range

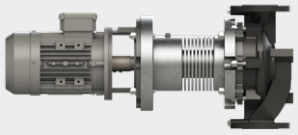
MAIN INSTALLATION



AC-FT Series: EN733, on baseplate.
FT Series: EN22858, on baseplate.



FT M Series: EN733, mono-block, variable speed.



IAC-FT Series: EN733, mono-block, circulation pump, In-Line.

SUB-CIRCUITS

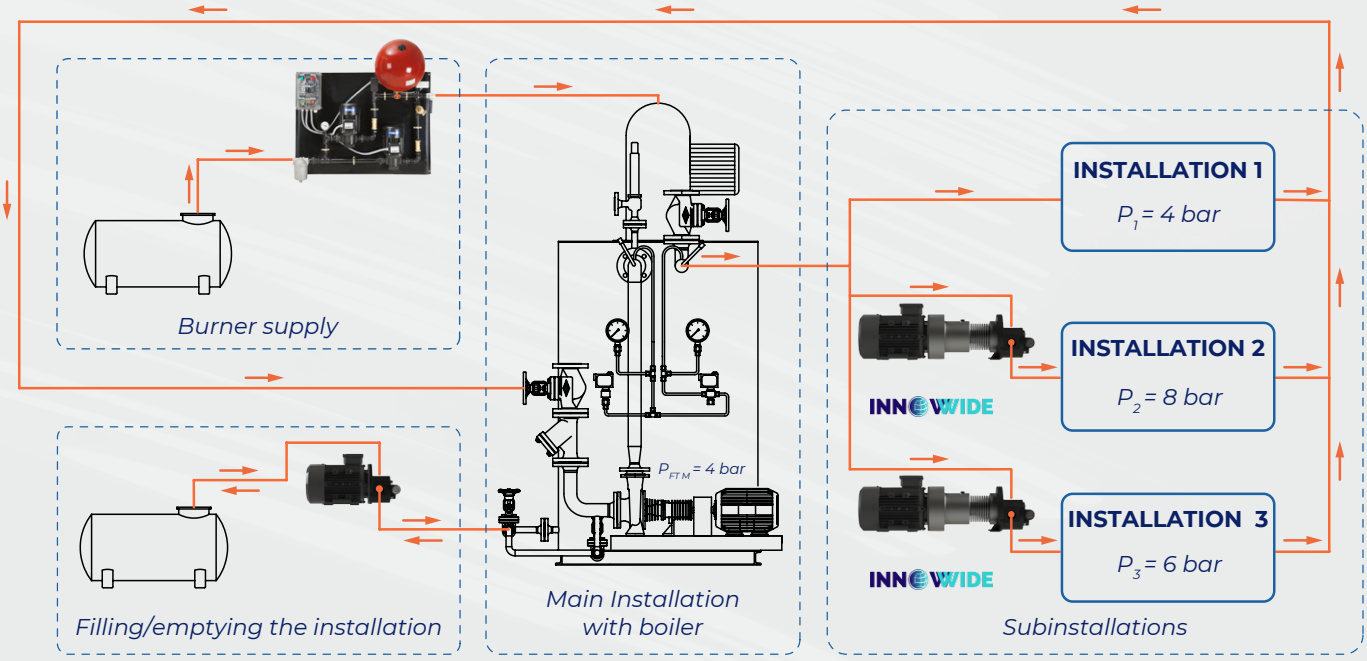
R-FT Series: gear pump. FLow adjustment. Energy savings.

BURNER SUPPLY

GPG/GPG-D Series: simple or double gas-oil booster sets

FILLING/EMPTYING OF THE INSTALLATION

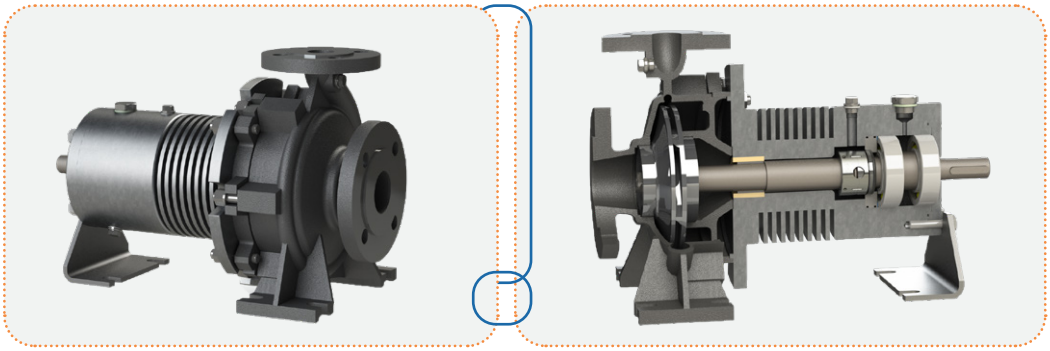
R-U Series: Reversible and self-priming gear pump with std. IEC motor



ISO 9001:2015 CE Ex

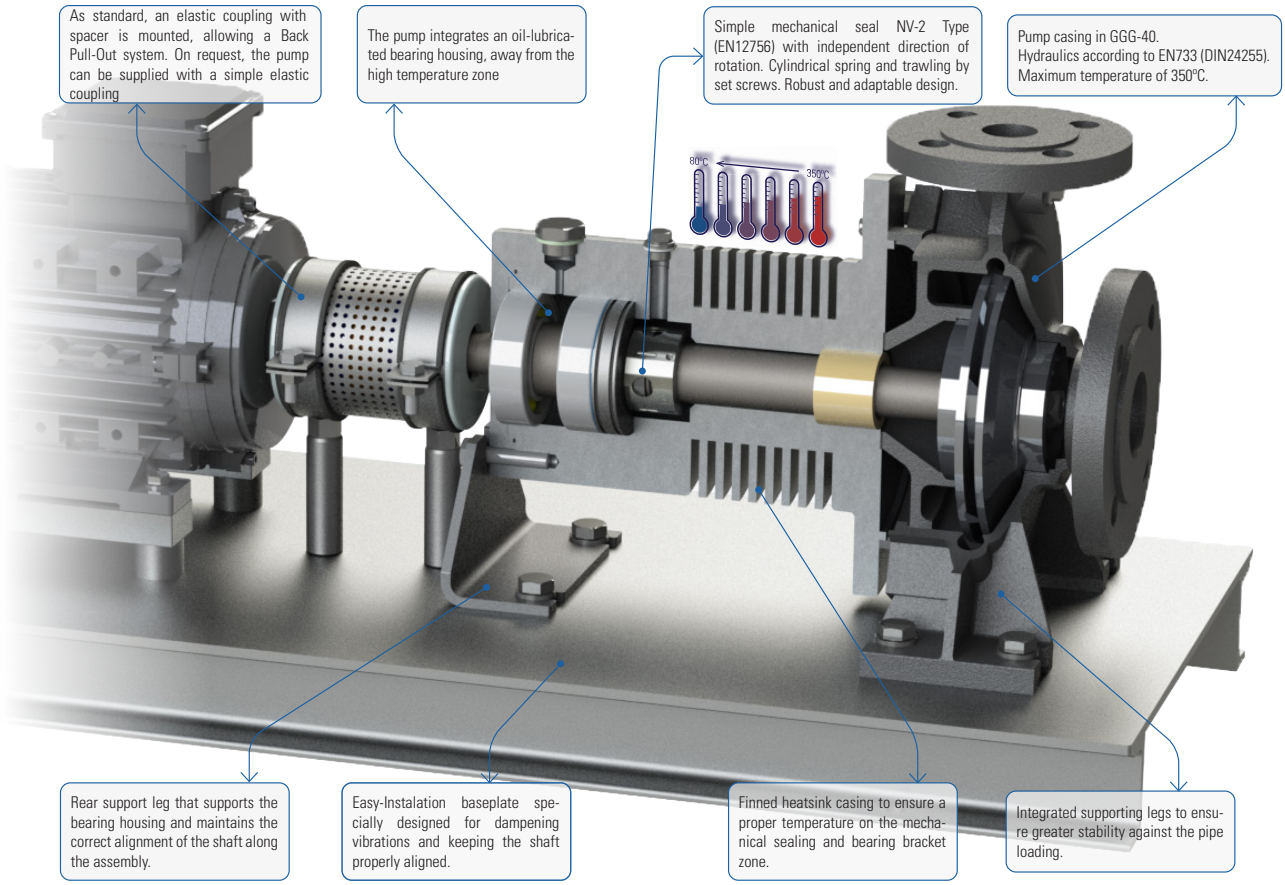
MAIN INSTALLATION

AC-FT Series CENTRIFUGAL PUMP ACCORDING TO EN 733 STANDARDS FOR THERMAL FLUID



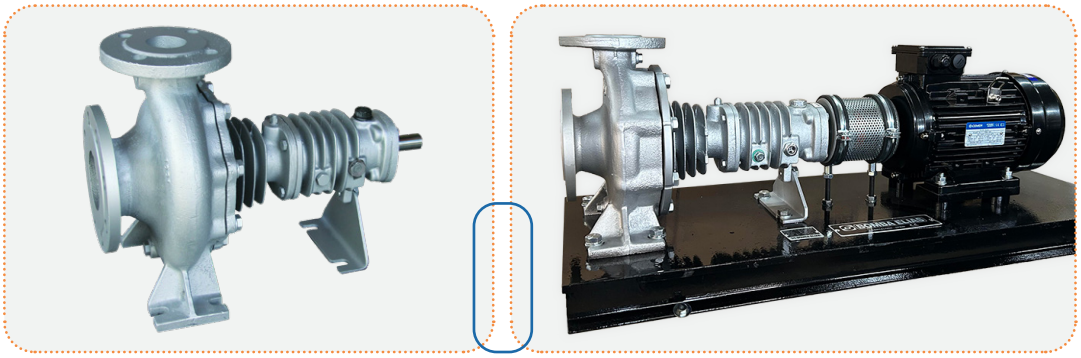
- Standardized centrifugal pump according to EN 733 standards for the transfer of thermal fluid.
- Available in two versions: **EL**-BARE SHAFT or **SB**-ON BASEPLATE with elastic coupling at the end of the motor shaft.
- The shaft is supported on four different points properly distributed along the pump.
- Heat dissipation by means of a front restrictor ring and finned casing.
- Special internal mechanical seal according to EN 12756 standards.

Range of flow rates	Up to 350 m^3/h	**Max. working pressure**	16 bar
Range of pressures	Up to 10 bar	**Max. working temperature**	Up to 350°C



MAIN INSTALLATION

FT Series CENTRIFUGAL PUMP ACCORDING TO ISO 2858 STANDARDS FOR THERMAL FLUID

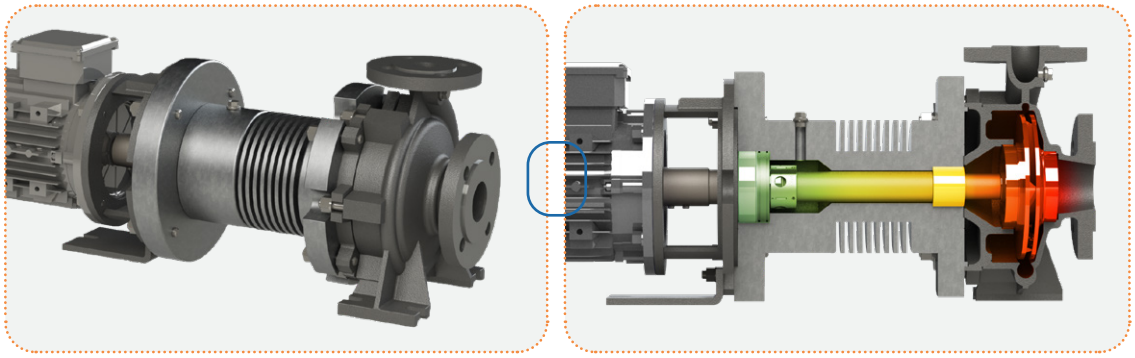


- Standardised centrifugal pump in accordance with ISO 2858 standards for transferring thermal fluid.
- Available in two versions: **EL**-BARE SHAFT or **SB**-ON BASEPLATE with elastic coupling at the end of the motor shaft.
- The shaft is supported on two different points properly distributed along the pump. (Not including the motor).
- Heat dissipation by means of a finned casing.
- Special internal mechanical seal according to EN 12756 standards.

Range of flow rates	Up to 210 m³/h	**Max. working pressure**	16 bar
Range of pressures	Up to 10 bar	**Max. working temperature**	Up to 350ºC

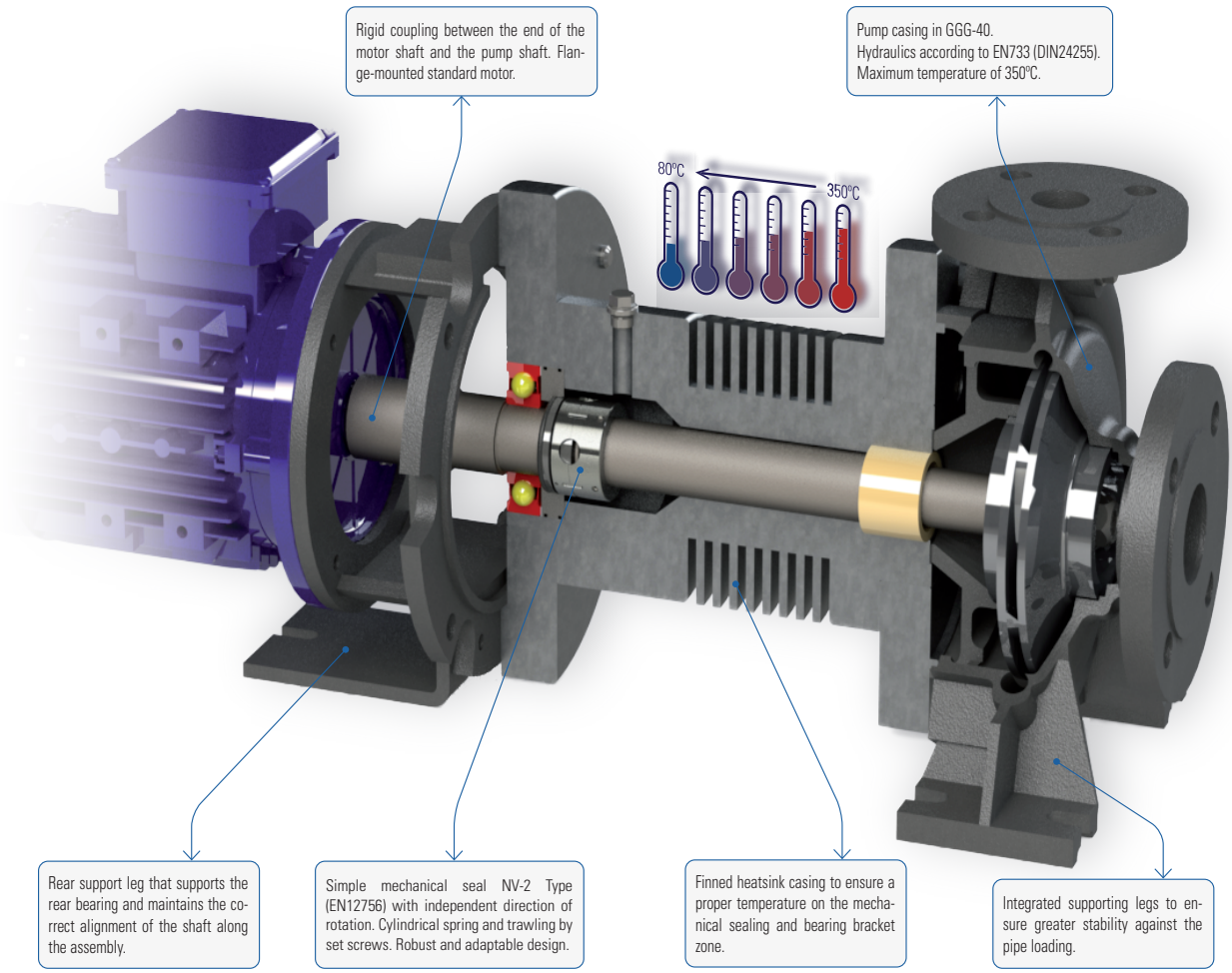
MAIN INSTALLATION

FT M Series MONOBLOCK CENTRIFUGAL PUMP WITH EN 733 HYDRAULICS FOR THERMAL FLUID



- Monoblock centrifugal pump with hydraulics EN 733.
- Pump shaft supported by four points properly distributed along the assembly.
- Rigid coupling at the end of the motor shaft. Flange-mounted standard motor.
- Heat dissipation by the means of a front restrictor ring and finned casing.

Range of flow rates	From 2 to 200 m³/h	**Max. working pressure**	16 bar
Range of pressures	From 4 up to 14 bar	**Max. working temperature**	Up to 350°C

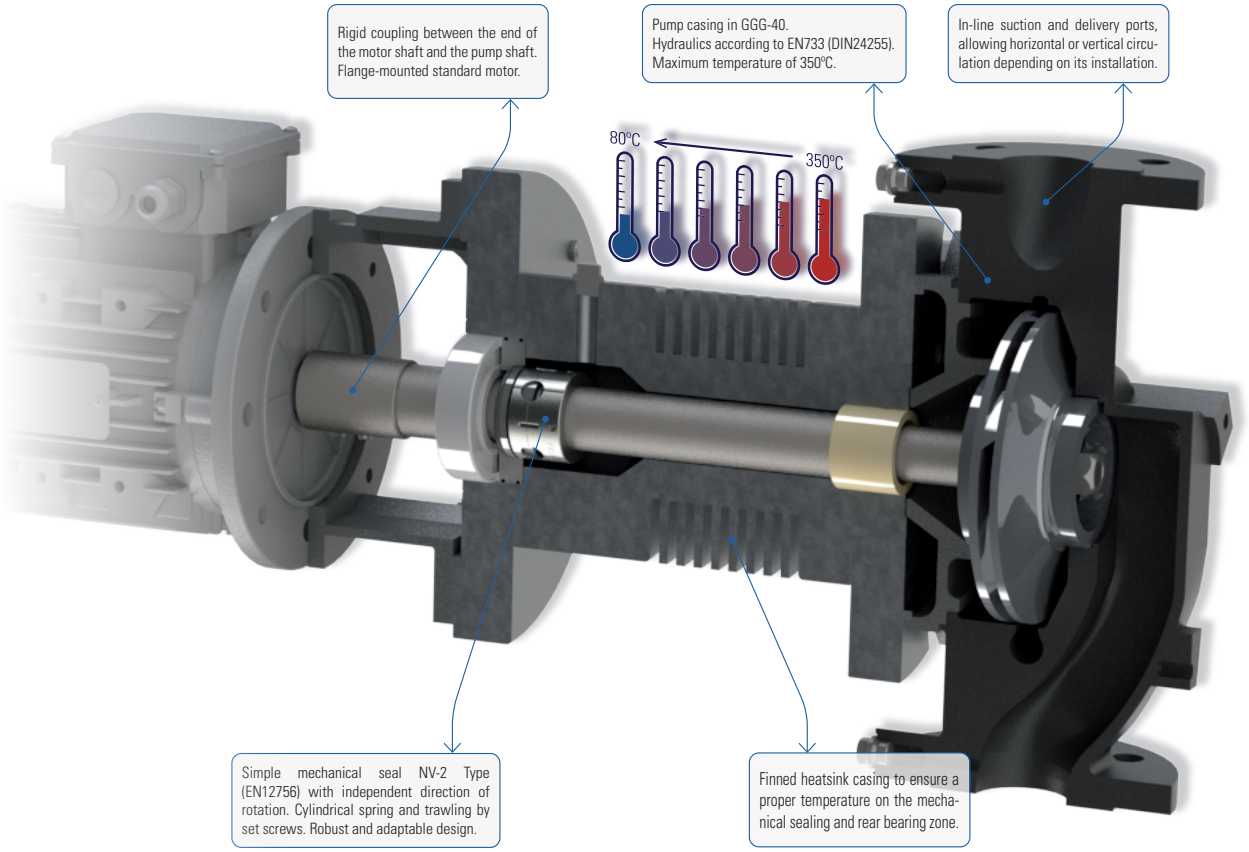


MAIN INSTALLATION

IAC-FT Series IN-LINE CENTRIFUGAL PUMP WITH EN 733 HYDRAULICS FOR THERMAL FLUID

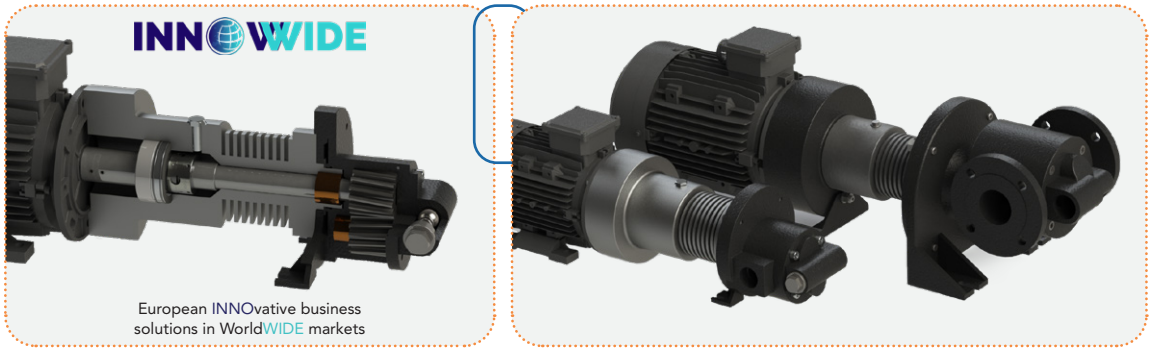
- Monoblock centrifugal pump equipped with EN 733 hydraulics for thermal fluid.
- In-Line suction and discharge nozzle for the circulation of the transfer fluid.
- Possible vertical or horizontal installation of the unit.
- Pump shaft supported by four supports distributed along the pump.
- Rigid coupling at the end of the motor shaft. Flange-mounted motor.
- Heat dissipation by means of a front restrictor ring and finned casing.
- Special internal mechanical seal for thermal fluid applications according to EN 12756 standards.

Range of flow rates	From 2 to 200 m^3/h	**Max. working pressure**	16 bar
Range of pressures	From 4 to 14 bar	**Max. working temperature**	Up to350°C



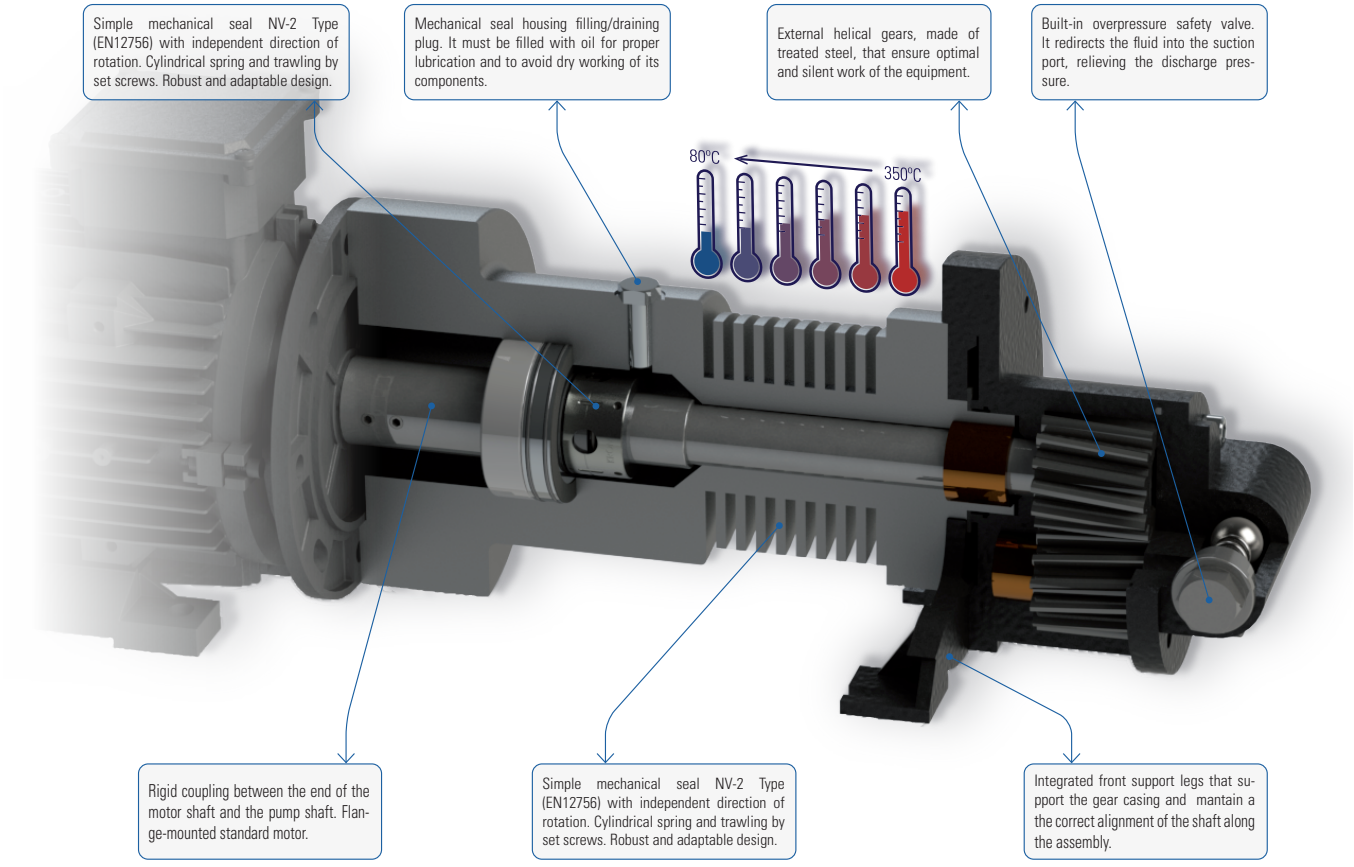
SUB-CIRCUITS

R-FT Series HIGH TEMPERATURE EXTERNAL GEAR PUMP



- Self-priming external helical gear pump **specially designed for the transfer of thermal fluid at high temperatures.**
- Built-in safety valve.
- Pump shaft supported by four points properly distributed throughout the assembly.
- Rigid coupling at the end of the motor shaft. Flange-mounted motor.
- Heat dissipation by the means of a front restrictor ring and finned casing.
- Special internal mechanical seal for thermal fluid applications according to EN 12756 standards.
- Variable flow at a standstill pressure by the means of VFD.

Range of flow rates	From 220 to 14.000 l/h	**Max. working pressure**	12 bar
Range of pressures	Up to 10 bar depending on the model	**Max. working temperature**	Up to 350°C



BURNER SUPPLY

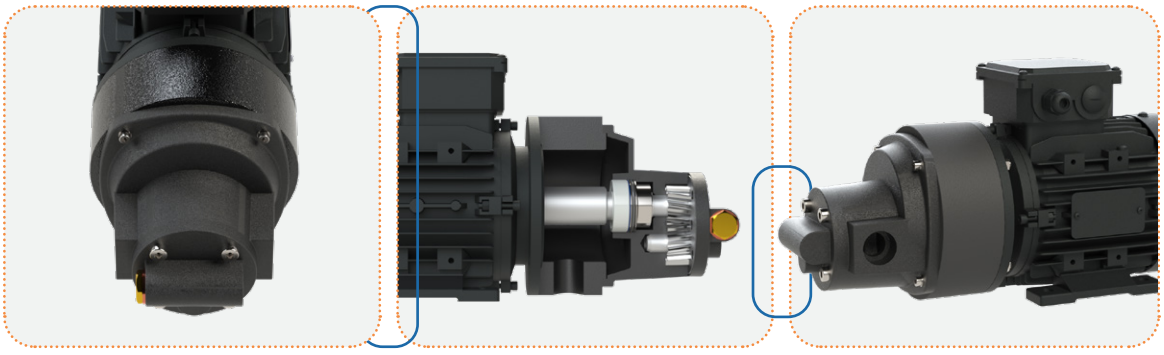
GPG/GPGD Series SINGLE/DOUBLE BOOSTER SETS FOR DIESEL FUEL

- Single (GPG) or double (GPGD) booster sets **specially designed for the supply of diesel oil to boiler burners.**
- They are mounted on a baseplate and, in some models, a protective fairing is assembled.
- The sets include one or two R Series self-priming gear pumps with a built-in safety valve.
- Equipped multifunction electrical panel for control, maneuvering and protection of the unit.
- They carry a safety and control pressure switch/s with manual or automatic reset, depending on the model.
- They also include a diesel oil filter, pressure gauge, check valve, hydropneumatic accumulator and safety valve.

Range of flow rates	From 20 to 6.500 l/h	**Max. working pressure**	Check technical brochure
Range of pressures	From 10 bar depending on the model	**Max. working temperature**	Up to 60ºC

FILLING/EMPTYING OF THE INSTALLATION

R-U Series EXTERNAL GEAR PUMP WITH STANDARD IEC MOTOR



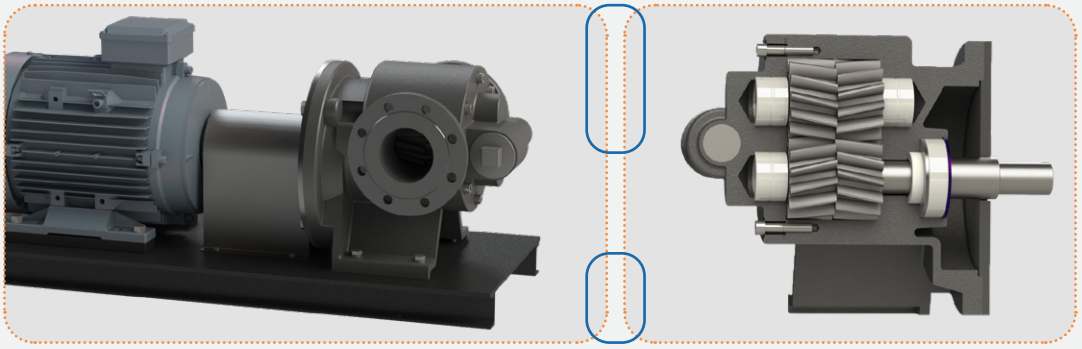
- Self-priming external helical gear pump with high efficiency standard IEC motor, i**deal for filling/emptying thermal fluid circuits.**
- Built-in safety valve.

Range of flow rates	From 220 up to 60.000 l/h	**Max. working pressure**	12 bar
Range of pressures	Up to 10 bar depending on the model	**Max. working temperature**	Up to 110ºC

WE HAVE THE IDEAL SOLUTION FOR THE TRANSFER OF BITUMEN!

R-EL (SB) Series

BARE SHAFT/ON BASEPLATE GEAR PUMP



- Self-priming external helical gear electric pump.
- Supplied in two different versions: **EL**-BARE SHAFT or **SB**-ON BASE-PLATE with elastic coupling at the end of the motor shaft.
- Available in ATEX version.
- Built-in safety valve.

- Possibility of heating the gear casing for bitumen/asphalt transfer using custom-made flexible sheet resistances.
- They fit in slots and they adapt to holes.
- They can be supplied with an adhesive coating and/or a layer of silicone foam insulation that minimizes heat losses from the system.

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