



SONDEX

SL70 Brazed Plate Heat Exchanger

Recommended Applications:

The compact **brazed** plate heat exchanger is designed with the focus on the refrigeration area, air conditioning, the HVAC area, solar heating, oil units, heat recovery, engine cooling and other industrial tasks.

Design Principles:

The **Sondex** type **SL70** brazed heat exchanger contains a plate pack and will cover many duties up to 35 m³/h in a single pass solution where all 4 connections are on the front side. This means easy pipe- and service work.

The brazed plate heat exchanger, assembled with two end plates and connections, is vacuum brazed at extremely high temperatures providing a permanently sealed heat exchanger. The final result is a strong and compact plate heat exchanger with extremely high heat transmissions. The high heat transmission comes from the main pattern which is designed to create a turbulent flow.

Data required for correct quotation:

Duty, type of product, temperatures, pressure drop and the thermal dynamic properties influence the size of heat surface.

Technical information:

Standard Materials:

Flow plates and connections in stainless steel.
End plates in stainless steel.
Brazing material is pure copper.

Working Pressure/Temperature:

The unit is constructed for max.
Working pressure/temperature 32 Bar/-20/185°C.

Construction Standard:

According pressure equipment PED 97/23/EC.

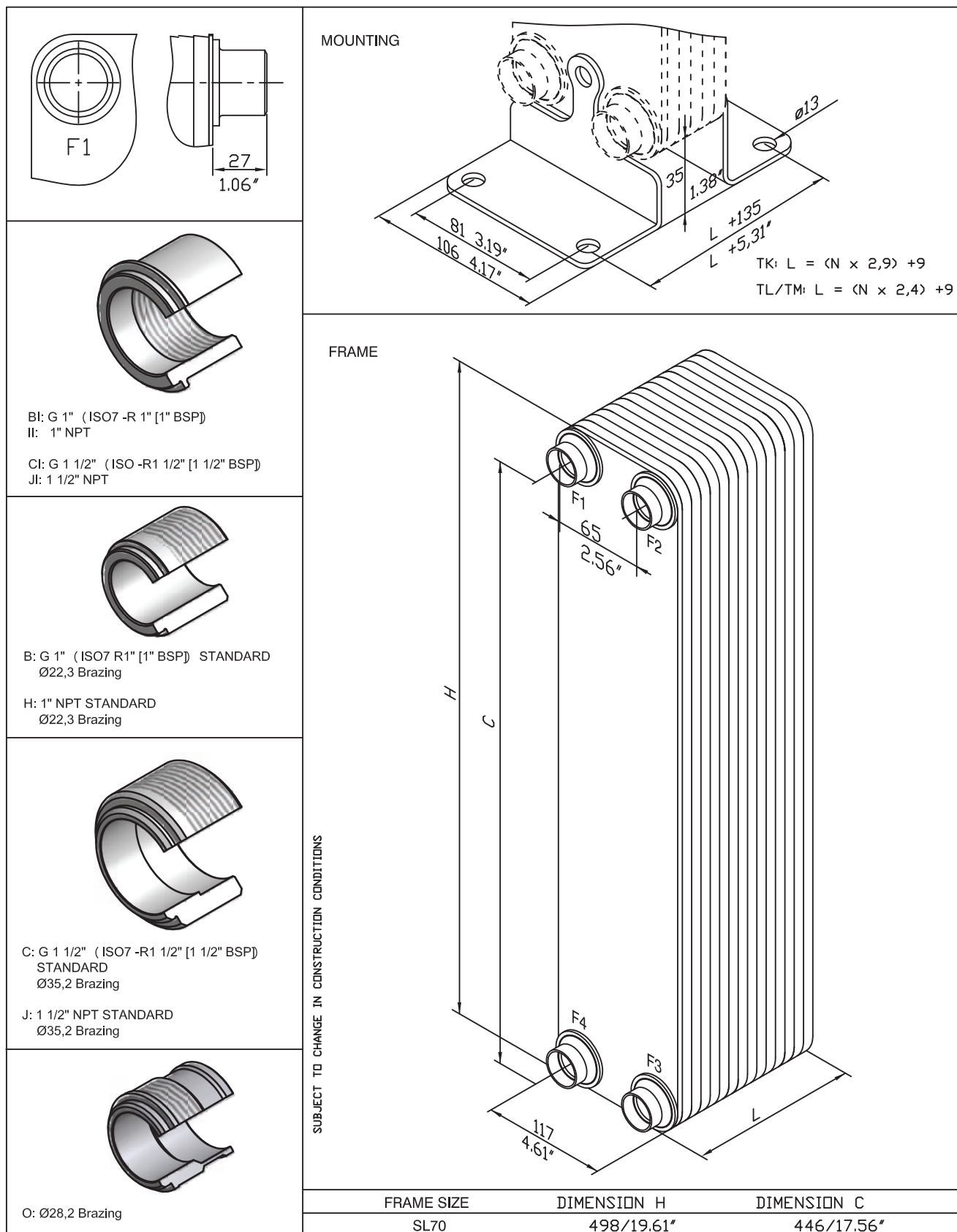
Connections:

1.0-1½" inside thread ISO7 BSP/NPT
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28.2 mm pipe for brazing.

Additional Equipment:

Insulation.
Floor mounting feet.
Connection unions for welding on pipes.
In AISI 316 or St. 52-3.





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