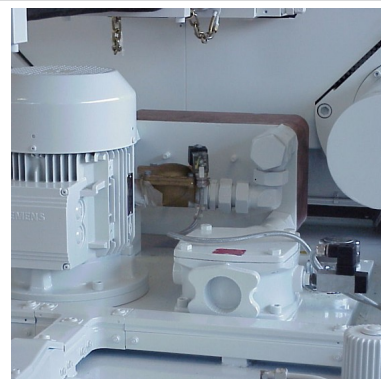
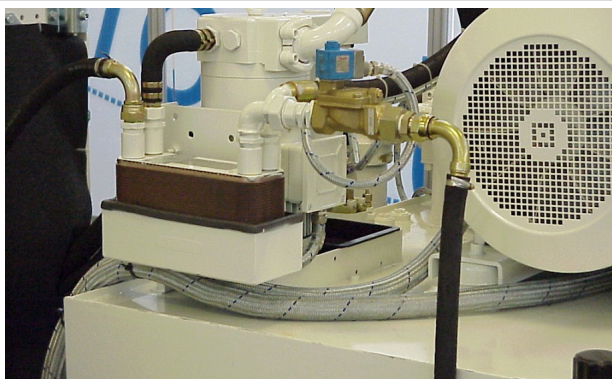
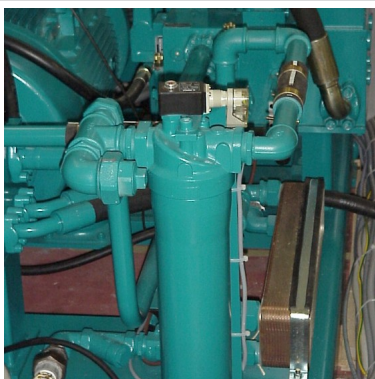


T PLATE B OIL

Scambiatori di calore a piastre saldobrasati per applicazioni oleodinamiche



Scambiatori acqua olio



T-PLATE B OIL

Le performance e l'affidabilità dello scambiatore di raffreddamento sono strategiche per il corretto funzionamento dei vostri macchinari, questa è la garanzia che danno gli scambiatori a piastre saldobrasate TEMPCO, espressamente progettati per le applicazioni oleodinamiche.

impianti di lubrificazione
centraline oleodinamiche
scambio olio/acqua

- Essenti da manutenzione in quanto senza guarnizioni
- Semplicità di installazione con ampia gamma di connessioni disponibili, SAE, filettate femmina, filettate maschio
- Possibilità di montaggio con prigionieri o piedi di supporto
- Resistenza ad alte pressione e temperatura, -200+300°C, f.v. +50 bar
- Design compatto e leggerezza
- Certificazioni, CE-PED, ASME U UM stamp, CSA, GOST R, KIWA, Lloyd's Register, UDT, SVGW, CSI

T-PLATE B Oil

It is vital that the performance and reliability of a hydraulic oil cooler contribute to maximising the operating time of your equipment.

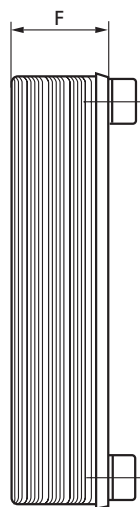
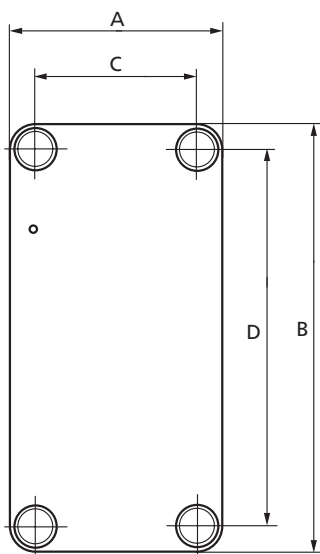
Brazed plate heat exchanger TEMPCO are studied specifically for Hydraulic and Lubricatin applications:
hydraulic units
lubricating systems
water-oil thermal exchange

- Practically maintenance-free, due to lack of gaskets
- Simple assembly with individual connector design, SAE, Male/Female threat
- Highest operational reliability thanks to comprehensive quality assurance testing
- High resistance to pressure and temperature, -200+300°C, f.v. +50 bar
- Compact design combined with low weight
- Certifications, CE-PED, ASME U UM stamp, CSA, GOST R, KIWA, Lloyd's Register, UDT, SVGW, CSI

T PLATE B OIL

Tabella dimensionale

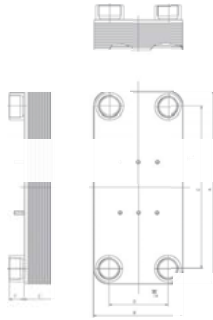
| Brazed heat exchangers | | dimensions mm. | | | | |
|------------------------|------------------|----------------|-----|-----|-----|------------------|
| type TCB | brazing material | A | B | C | D | F |
| 100 | CU / NI | 74 | 204 | 40 | 170 | 10,0 + 2,3 x np |
| 300 | CU / NI | 90 | 231 | 43 | 182 | 13,0 + 2,35 x np |
| 500 | CU / NI | 90 | 328 | 43 | 279 | 13,0 + 2,35 x np |
| 1300 | CU / NI | 90 | 464 | 43 | 415 | 12,0 + 2,35 x np |
| 700 | CU / NI | 124 | 173 | 73 | 120 | 13,0 + 2,35 x np |
| 900 | CU / NI | 124 | 335 | 73 | 281 | 13,0 + 2,30 x np |
| 1700 | CU / NI | 124 | 532 | 73 | 478 | 13,0 + 2,30 x np |
| 2500 | CU / NI | 271 | 532 | 200 | 460 | 13,3 + 2,35 x np |
| 2700 | CU / NI | 271 | 532 | 161 | 421 | 13,3 + 2,35 x np |
| 3100 | CU | 271 | 802 | 161 | 690 | 13,3 + 2,35 x np |
| 4100 | CU | 386 | 875 | 237 | 723 | 23,3 + 2,35 x np |



T PLATE B OIL

Scambiatore olio/acqua TCB 900

| Code | Capacity L | Oil flow L/h | KW dissipated | Weight | Overall dimensions (mm) | | | | | | |
|------------|------------|--------------|---------------|--------|-------------------------|-----|-----|----|-------|----|----------|
| | | | | | A | B | C | D | E | F | G female |
| TCB 900-10 | 7 | 600-2400 | 5-15 | 3 | 298 | 120 | 242 | 64 | 36,5 | 27 | 1" |
| TCB 900-34 | 2,4 | 1800-7800 | 12-45 | 5,6 | 298 | 120 | 242 | 64 | 95,3 | 27 | 1" |
| TCB 900-50 | 3,5 | 2700-11100 | 23-60 | 7,3 | 298 | 120 | 242 | 64 | 134,5 | 27 | 1" |

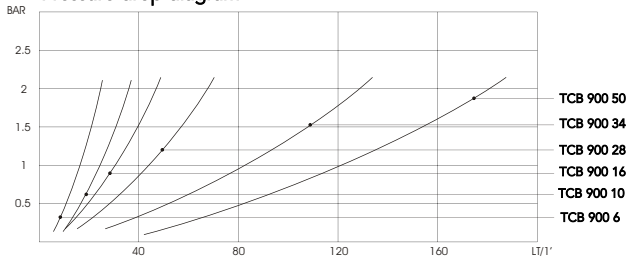


Technical data sheet

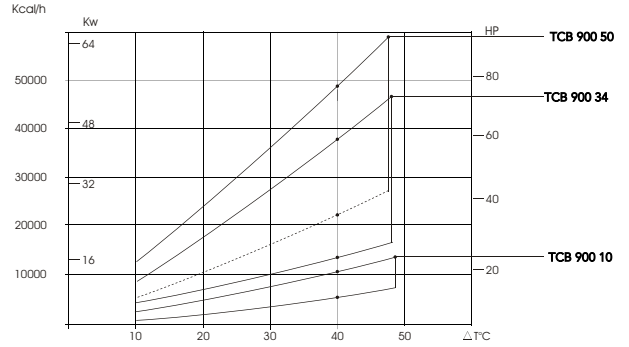
| Plate material | Brazing material | Max working pressure | Test pressure | Max working temperature |
|----------------|------------------|----------------------|---------------|-------------------------|
| AISI 316 L | COPPER 99,9% | 30 bar | 40 bar | 225°C |

In order different viscosity, please multiply temp. x correction factor
CST 10 15 20 30 40 50 60 80 100
C 0,5 0,65 0,75 1,0 1,2 1,4 1,6 2,1 2,8

Pressure drop diagram



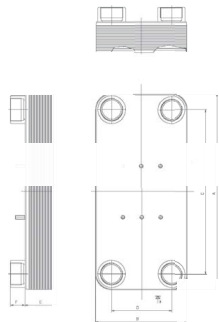
Thermal capacity diagram



T PLATE B OIL

Scambiatore olio / acqua TCB 1700 - TCB 2500

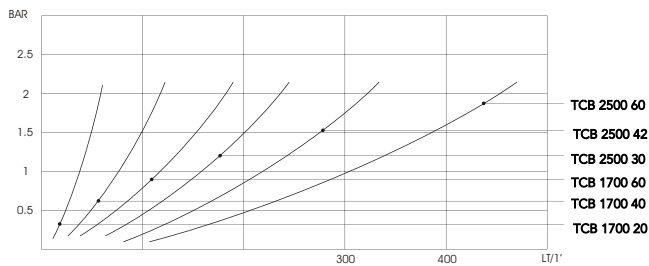
| Code | Capacity L | Oil flow L/h | KW dissipated | Weight | Overall dimensions (mm) | | | | | | |
|-------------|------------|--------------|---------------|--------|-------------------------|-----|-----|-----|-------|----|-------------|
| | | | | | A | B | C | D | E | F | G female |
| TCB 1700-20 | 2,3 | 900-4200 | 12-35 | 7 | 530 | 122 | 472 | 64 | 57 | 27 | 1" - 1 1/4" |
| TCB 1700-40 | 4,6 | 1800-7800 | 28-68 | 11 | 530 | 122 | 472 | 64 | 102 | 27 | 1" - 1 1/4" |
| TCB 1700-60 | 6,9 | 2700-11400 | 42-105 | 15,2 | 530 | 122 | 472 | 64 | 147 | 27 | 1" - 1 1/4" |
| TCB 2500-30 | 7,65 | 3600-14400 | 35-74 | 21,3 | 527 | 245 | 442 | 160 | 85,5 | 38 | 1 1/2" - 2" |
| TCB 2500-42 | 10,71 | 5100-20400 | 55-140 | 26,3 | 527 | 245 | 442 | 160 | 114,9 | 38 | 1 1/2" - 2" |
| TCB 2500-60 | 15,3 | 6900-27000 | 60-200 | 36 | 527 | 245 | 442 | 160 | 159 | 38 | 1 1/2" - 2" |



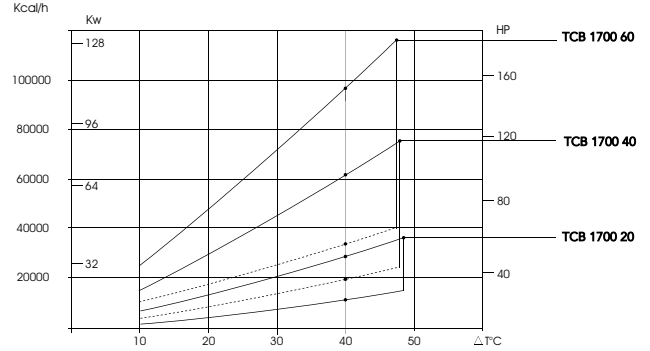
| Technical data sheet | | | | |
|----------------------|------------------|----------------------|---------------|-------------------------|
| Plate material | Brazing material | Max working pressure | Test pressure | Max working temperature |
| AISI 316 L | COPPER 99,9% | 30 bar | 40 bar | 225°C |

In order different viscosity, please multiply temp.x correction factor
CST 10 15 20 30 40 50 60 80 100
C 0,5 0,65 0,75 1,0 1,2 1,4 1,6 2,1 2,8

Pressure drop diagram



Thermal capacity diagram



Thermal capacity diagram

