

HEAT EXCHANGER

BR0.35 Plate Heat Exchanger

BR0.35 plate heat exchanger design concept: The plate with a new pressurized diversion zone design greatly improves the heat transfer efficiency of plate, reduce dead angle, improve the scale of the plate....

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

|                                                                                                        |                                                                              |
|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Category                                                                                               | Heat Exchanger                                                               |
| Standard                                                                                               | EN                                                                           |
| Weight / Size                                                                                          | Technical data: The dimension of the plate is mm3 : 1218*390*0.6 The mono... |
| Certificate                                                                                            | ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS                                   |
| We can supply according to your requirement, drawings, class certificate needs, and delivery schedule. |                                                                              |

Technical Specifications

|             |                                            |               |                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------|--------------------------------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Category    | Heat Exchanger                             | Model / SKU   | BR0-35-Plate-Heat-Exchanger                                                                                                                                                                                                                                                                                                                                                                                |
| Standard    | EN                                         | Weight / Size | Technical data: The dimension of the plate is mm3 : 1218*390*0.6<br>The monolithic heat transfer area is M2 : 0.35<br>Plate spacing mm : 3.9<br>The cross-sectional area of single channel is M2 : 0.00142<br>The maximum processing capacity was mm3/h : 30-150<br>Flange diameter DNmm : 100<br>The working temperature℃ ≤180<br>Working pressure Mpa : 0.6,1.0<br>Angle hole diameter mm : 100<br>Size: |
| Certificate | ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS | Warranty      | 12 Months unless specified otherwise                                                                                                                                                                                                                                                                                                                                                                       |
| Origin      | China                                      |               |                                                                                                                                                                                                                                                                                                                                                                                                            |

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## BR0.35 plate heat exchanger design concept:



The plate with a new pressurized diversion zone design greatly improves the heat transfer efficiency of plate, reduce dead angle, improve the scale of the plate. All the sealing gaskets are made of free form, which reduces the cost of operation and maintenance and is easy to maintain.

## Technical data:

The dimension of the plate is mm3 : 1218\*390\*0.6

The monolithic heat transfer area is M2 : 0.35

Plate spacing mm : 3.9

The cross-sectional area of single channel is M2 : 0.00142

The maximum processing capacity was mm3/h : 30-150

Flange diameter DNmm : 100

The working temperature°C ≤180

Working pressure Mpa : 0.6,1.0

Angle hole diameter mm : 100

## Size:

B=395 C=1190 F=150 E=218 B1=485 H=1315 R=11



BR0.35 Plate  
Heat Exchanger

| No: | Total heat transfer area m2 | Number of plates (sheets) | L(mm) | D   | A   | A1   | Weight(kg) |
|-----|-----------------------------|---------------------------|-------|-----|-----|------|------------|
| 1   | 15                          | 45                        | 198   | 538 | 378 | 765  | 470/501    |
| 2   | 16                          | 47                        | 207   | 547 | 387 | 775  | 476/508    |
| 3   | 18                          | 53                        | 233   | 573 | 413 | 825  | 494/527    |
| 4   | 20                          | 59                        | 260   | 600 | 440 | 835  | 511/546    |
| 5   | 22                          | 65                        | 286   | 626 | 466 | 920  | 528/564    |
| 6   | 24                          | 71                        | 313   | 653 | 493 | 970  | 545/582    |
| 7   | 25                          | 73                        | 322   | 662 | 502 | 980  | 551/589    |
| 8   | 26                          | 77                        | 339   | 679 | 519 | 1015 | 563/600    |
| 9   | 28                          | 81                        | 356   | 696 | 536 | 1040 | 580/620    |
| 10  | 30                          | 87                        | 383   | 723 | 563 | 1085 | 590/633    |
| 11  | 35                          | 101                       | 444   | 784 | 624 | 1195 | 637/683    |
| 12  | 40                          | 117                       | 515   | 855 | 695 | 1320 | 677/726    |
| 13  | 45                          | 131                       | 576   | 916 | 756 | 1435 | 718/770    |
| 14  | 50                          | 145                       | 638   | 978 | 815 | 1545 | 758/814    |