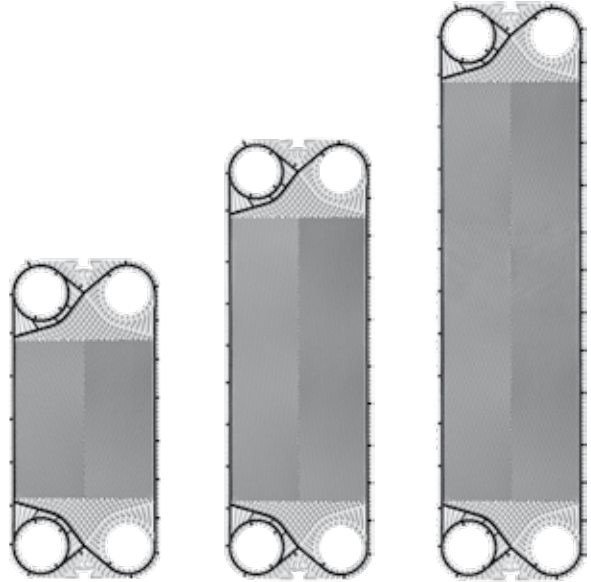


PRODUCT RANGE DN 150+
STANDARD OR CUSTOMIZED

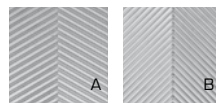


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| Product Range | P400+ | | P600+ | | P900+ | |
|---|----------|----|----------|----|----------|----|
| Exchange area [m ²] | 0,390 | | 0,645 | | 0,900 | |
| Width [mm] | 500 | | 500 | | 500 | |
| Height [mm] | 1055 | | 1503 | | 1951 | |
| Connections diameter | DN150 6" | | DN150 6" | | DN150 6" | |
| Channel capacity [l] | 1,122 | | 1,659 | | 2,197 | |
| Tightening quote [mm] | 3,1 | | 3,1 | | 3,1 | |
| Plate weight [with gasket] [Kg] | 1,93 | | 2,86 | | 3,79 | |
| Corrugation angle | A/B | | A/B | | A/B | |
| Max. water flowrate [m ³ /h] | 380 | | 380 | | 380 | |
| PS=> Max working pressure [bar] | 10 | 16 | 10 | 16 | 10 | 16 |

Ex art. 3.3 D.Lgs. 93 of 25/02/2000 in accordance with Directive 97/23/CE.
Announced pressures are referred to AISI 316L plates.



Plates are available in two thermal lengths (A/B)

DN32

DN50

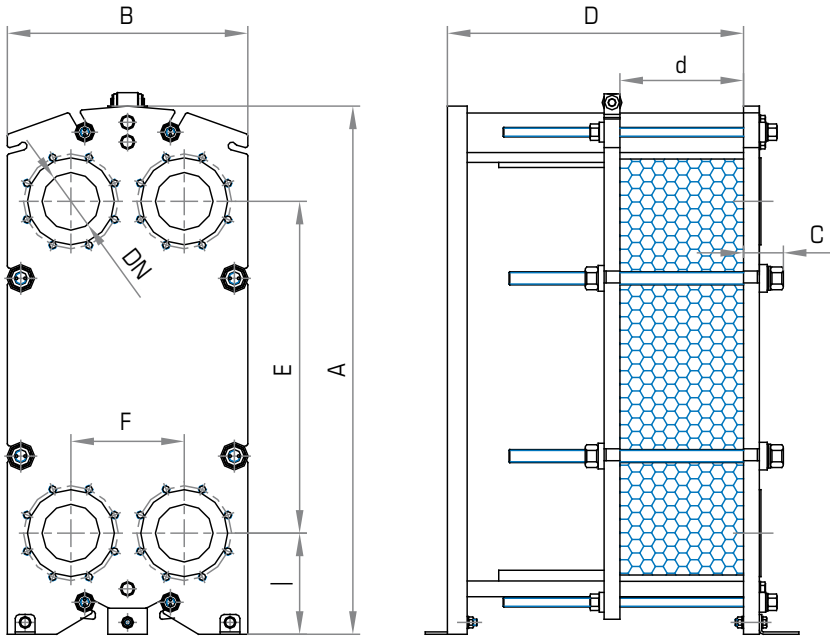
DN65

DN100

DN150

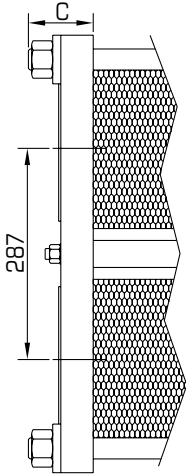
DN200

Frames dimensions



| | S400+ | | | | | S600+ | | | | | S900+ | | | | | |
|-------------------------------|----------|------|------|------|------|----------|------|------|------|------|----------|------|------|------|------|------|
| A | 1337 | | | | | 1785 | | | | | 2272 | | | | | |
| B | 609 | | | | | 609 | | | | | 609 | | | | | |
| E | 840 | | | | | 1288 | | | | | 1736 | | | | | |
| F | 287 | | | | | 287 | | | | | 287 | | | | | |
| I | 256 | | | | | 256 | | | | | 256 | | | | | |
| Np max | 101 | 201 | 301 | 401 | 551 | 101 | 201 | 301 | 401 | 551 | 101 | 201 | 301 | 401 | 551 | 701 |
| D max | 750 | 1250 | 1750 | 2250 | 3050 | 750 | 1250 | 1750 | 2250 | 3050 | 750 | 1250 | 1750 | 2250 | 3050 | 3880 |
| d (A-A) | 3,1 x Np | | | | | 3,1 x Np | | | | | 3,1 x Np | | | | | |
| DN | DN150 6" | | | | | DN150 6" | | | | | DN150 6" | | | | | |
| A-A B-B C-C E-E U-U V-V | PS10 | | PS16 | | | PS10 | | PS16 | | | PS10 | | PS16 | | | |
| | 101 | | 111 | | | 101 | | 111 | | | 101 | | 111 | | | |
| A-A B-B C-C E-E | 4 | | | | | 4 | | | | | 4 | | | | | |
| U-U V-V | 0 | | | | | 0 | | | | | 0 | | | | | |

All dimensions are in mm - Np = number of plates



A-A

Studded ports
Rubber lining
EN 1092-1.

B-B

Studded ports
AISI 316 lining
EN 1092-1.

U-U

Studded ports
Unlined
EN 1092-1.

C-C

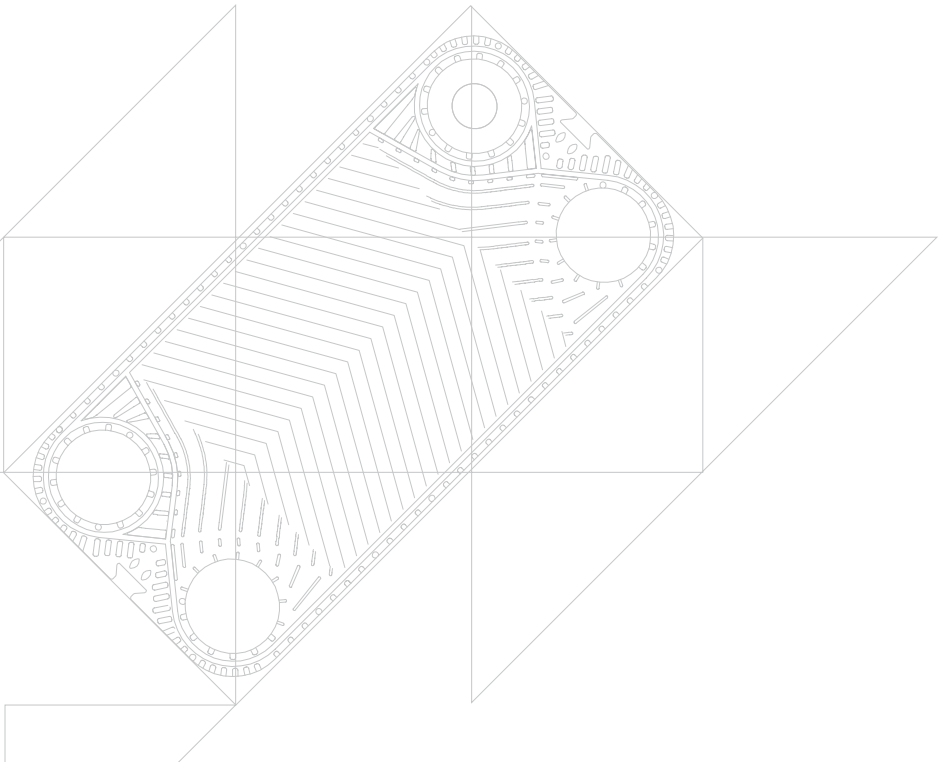
Studded ports
Rubber lining
ANSI
(metric thread).

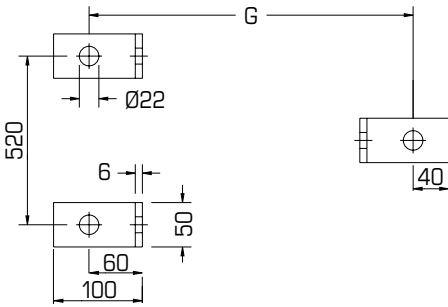
E-E

Studded ports
AISI 316 lining
ANSI
(metric thread).

V-V

Studded ports
Unlined
ANSI
(metric thread).





| GxH | PS10 | PS16 |
|------------------------------|------|------|
| S400+ / S600+ / S900+ | | |
| Max 101p | 866 | 876 |
| Max 201p | 1366 | 1376 |
| Max 301p | 1866 | 1876 |
| Max 401p | 2366 | 2376 |
| Max 551p | 3166 | 3176 |
| GxH | PS10 | PS16 |
| S900+ | | |
| Max 701p | 3983 | 3983 |

Materials

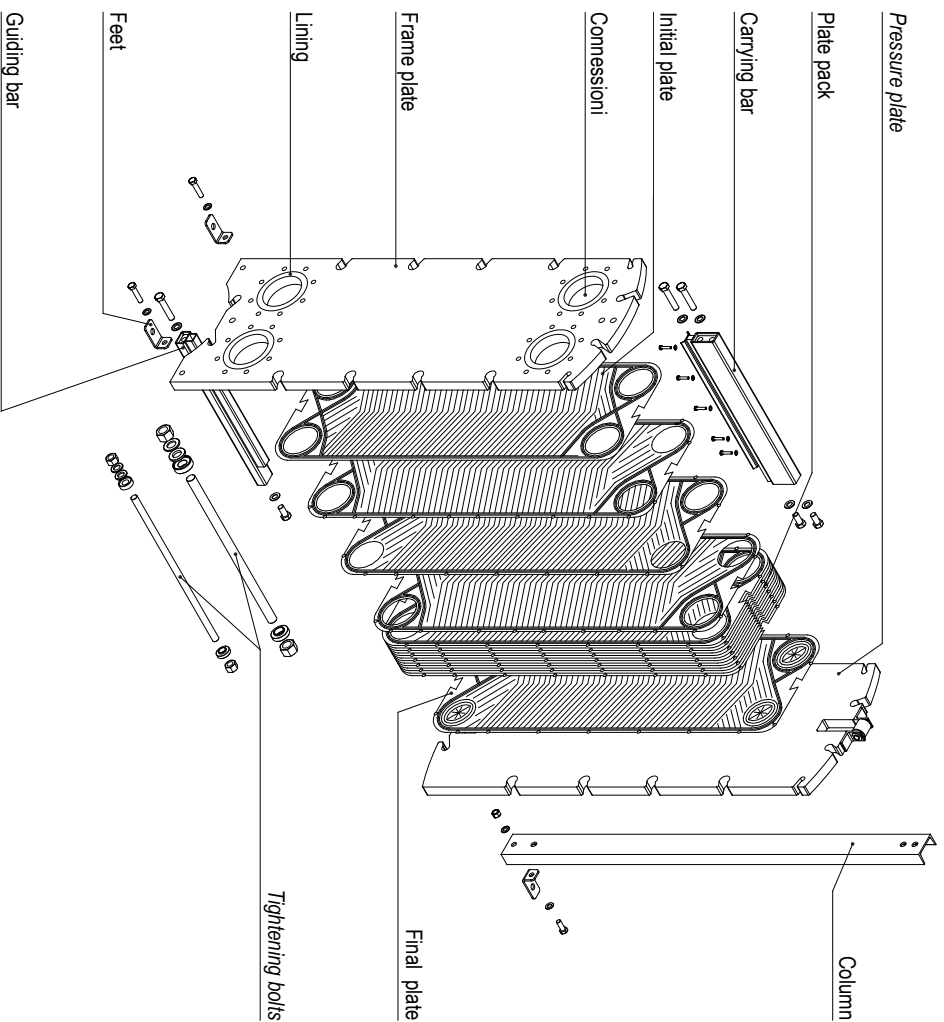
| | | S400+ | S600+ | S900+ |
|-------------|----------------------------|-------|-------|-------|
| Plates | Inox AISI 304 | ● | ● | ● |
| | Inox AISI 316L | ● | ● | ● |
| | 254 SMO | ● | ● | |
| | Titanium | ● | ● | |
| Gaskets | NBR | ● | ● | ● |
| | EPDM Prx. | ● | ● | ● |
| | FPM | ● | ● | ● |
| | HNBR | ● | ● | ● |
| Frames | Carbon steel | ● | ● | ● |
| | AISI 304, clad | | | |
| Connections | A-A B-B C-C E-E U-U V-V | ● | ● | ● |

Gaskets material maximum temperatures

| | | |
|-----------|--------|--------|
| NBR | -20 °C | 110 °C |
| EPDM Prx. | -20 °C | 160 °C |
| FPM | -20 °C | 200 °C |
| HNBR | -20 °C | 160 °C |

The temperatures must be considered not applicable in all working conditions.

Component blow-up drawings Models S400+, S600+, S900+



CERTIFICATIONS APPROVALS



- ISO EN 9001:2015
European Quality Certificates
- PED 2014/68/EU
Pressure Equipment Directive
Module B, D1 & D (up to Risk Cat. IV)



- ACS
Attestation de Conformité Sanitaire



- WRAS
EPDM/px gasket compound approved



- OHSAS 18001
Occupational Health and Safety



- ISO 14001
Environmental Management

MADE IN ITALY

