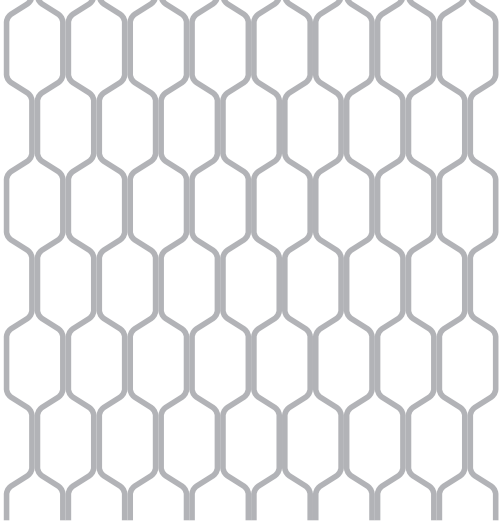




**Exchange
for good**

— MADE IN ITALY —

**Scambiatore
di calore a piastre**

Plate heat exchangers

**Reliable response to every
heat exchange demand**

TAILOR  MADE
HEAT EXCHANGERS
CIPRIANI





Exchange
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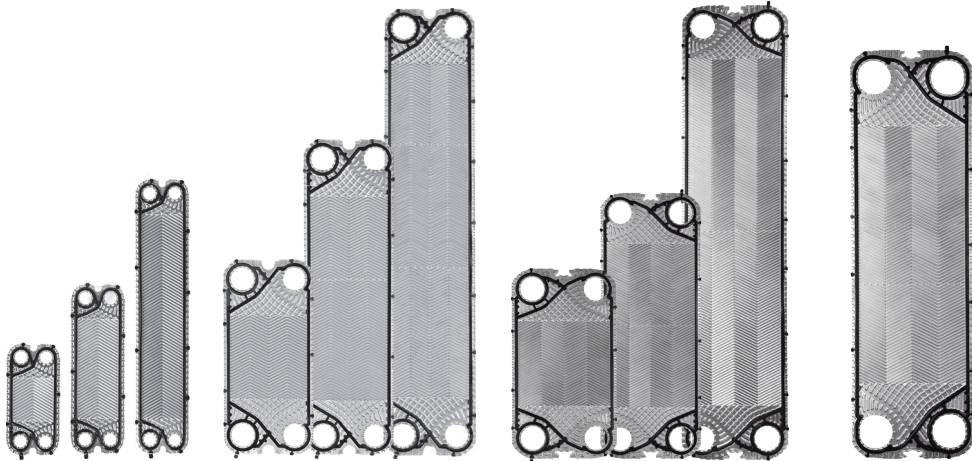
Punti di forza per una qualità a 360°
Un impegno completo per un supporto efficiente

Cipriani PHE è un'azienda leader nella produzione di scambiatori di calore a piastre per il settore HVAC ma non solo.

Da anni investiamo tutta la nostra competenza per offrire un prodotto di qualità superiore, competitivo e su misura, frutto di una vasta conoscenza del mercato e di un controllo completo, dalla progettazione alla consulenza post-vendita.

Una storia internazionale ma profondamente Italiana, che ha contribuito a centinaia di altre storie: quelle dei clienti che ci hanno scelto in tutto il mondo.

Scambiatori a piastre ispezionabili
Le nostre geometrie ottimali:
alta efficienza e ridotta perdita di carico
per ogni esigenza di scambio termico



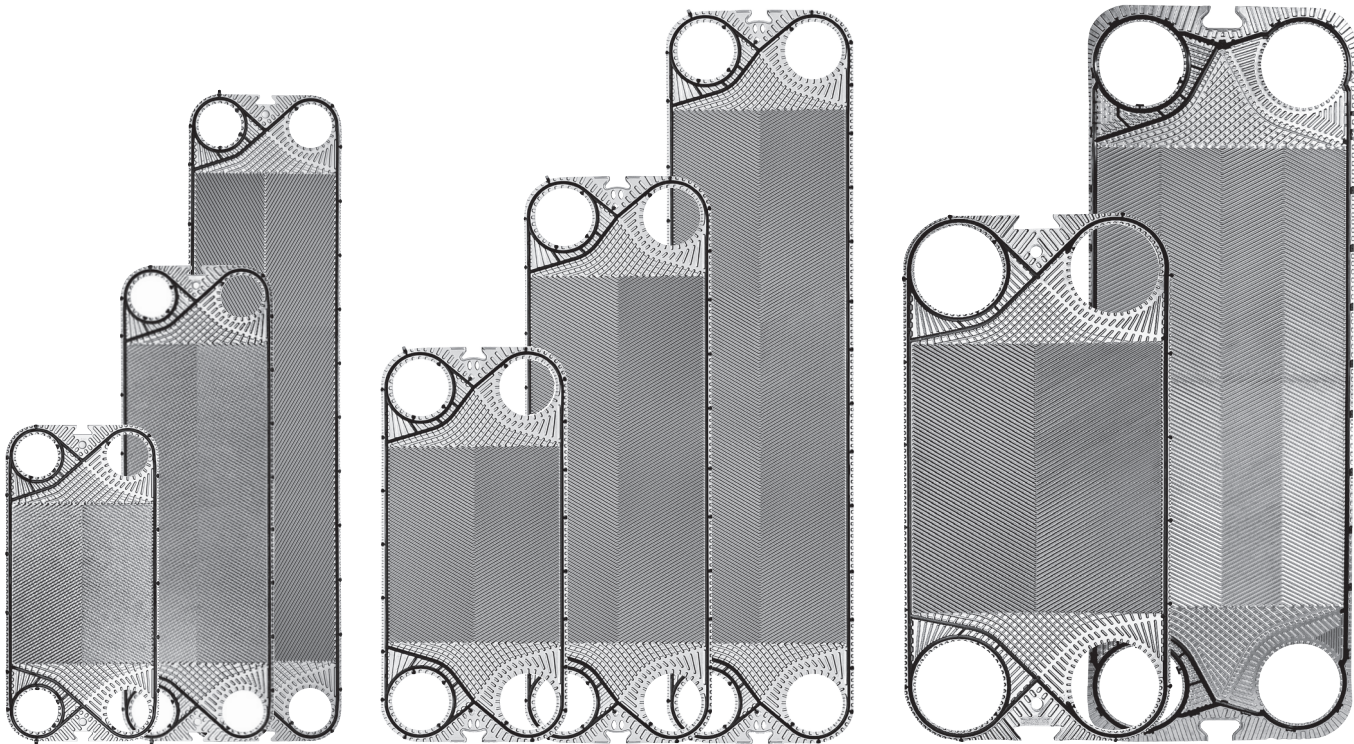
Our strenghts for overall quality
Our commitment for efficient supports

Cipriani PHE is a leading company in the production of plate heat exchangers for the HVAC market but not only.

For years we have invested all of our expertise to offer a superior qualified product, competitive and tailor made, the result of an extensive market knowledge and complete management, from design to post-sales services.

An international but greatly Italian history, which has contributed to hundreds of other stories: those of customers who have chosen us from all over the world.

Gasketed plate heat exchangers
Our excellent geometries:
high efficiency and reduced pressure drop
for every need of heat exchange



MODELLI / MODELS			DN 32 (1 1/4")			DN 50 (2")			DN 65 (2 1/2")			DN 80 (3")	DN 100 (4")			DN 150 (6")			DN 200 (8")	
			S020+	S040+	S080+	S070+	S160+	S260+	S110+	S210+	S410+	S270+	S300+	S450+	S700+	S400+	S600+	S900+	S650+	S990+
Portata max d'acqua Water flow rate max		m³/h	19			63			80			110	240			380			800	730
Area di scambio max Heat transfer surface max		m²	1,6	3,1	8,2	11,8	41,2	63,8	17,8	31,7	99,1	68,5	108	193	280	215	355	631	334	534
Angolo di corrugazione Plate corrugation angle			A			A/B			A/B			A/B	A/B			A/B			A/B	A/B
Quota di serraggio Tightening quote	d	mm	2,9 x np + 2			2,9 x np + 2			3			3	3,1			3,1			3,3	3,1
Altezza Height	H (min - max)	mm	320	470	755	678 - 720	1008 - 1050	1353 - 1395	584	848	1375	1071	1124	1569	2014	1372	1819	2272 - 2317	1657 - 1707	2190 - 2206
Larghezza Wide	W (min - max)	mm	200			310			320			320	530			609			810	790

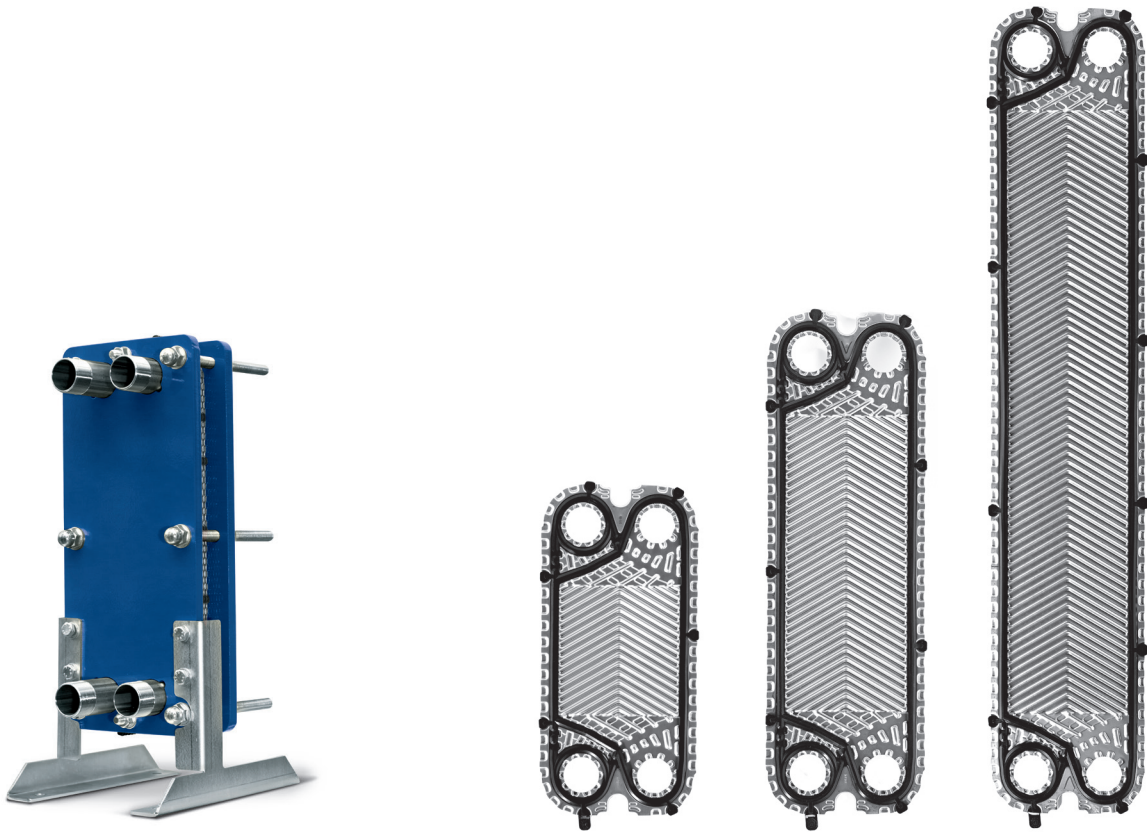
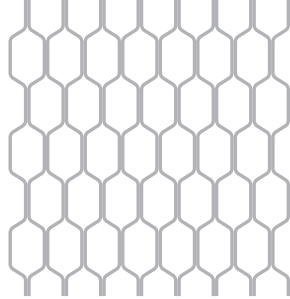


Exchange
for good

GAMMA PRODOTTI / PRODUCT RANGE DN 32+

Standard o Personalizzabili
Standard or Customized

DIMENSIONI TELAI / FRAMES DIMENSIONS

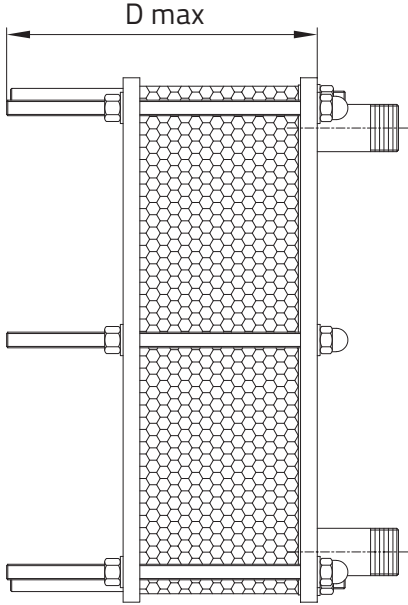
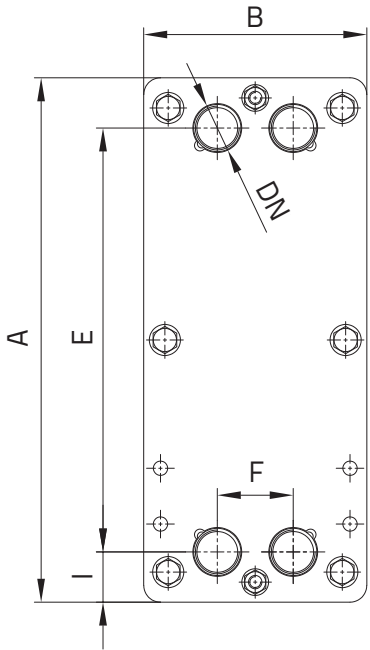


Gamma Prodotti	Product Range	P020+			P040+			P080+		
Area di scambio [m²]	Exchange area [m²]	0,021			0,041			0,081		
Larghezza [mm]	Width [mm]	145								
Altezza [mm]	Height [mm]	305			455			740		
Diametro connessioni	Connections diameter	DN32 1"1/4								
Capacità canale [l]	Channel capacity [l]	0,063			0,103			0,181		
Quota di serraggio [mm] *	Tightening quote [mm] *	2,9								
Peso piastra (con guarnizione) [Kg] *	Plate weight (with gasket) [Kg] *	0,18			0,274			0,452		
Angolo di corrugazione	Corrugation angle	A/B								
Portata max d'acqua [m³/h]	Max. water flowrate [m³/h]	19								
PS=> Pressione max di esercizio [bar]	PS=> Max working pressure [bar]	10	16	25	10	16	25	10	16	25

* standard AISI316L 0,5mm

DN32	DN50	DN65	DN80	DN100	DN150	DN200
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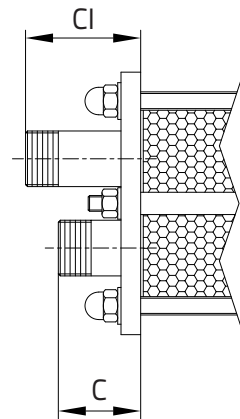
	S020+			S040+			S080+			
A	320			470			755			
B	200			200			200			
E	230			380			665			
F	68			68			68			
I	45			45			45			
Np max	29	49	75	29	49	75	29	49	75	101
D max	185	285	485	185	285	485	185	285	485	605
DN	DN32 1"1/4									

Ingombro delle connessioni (C - CI) - Connections dimensions (C - CI)			
J-J	63 - 88	63 - 88	63 - 88
M-M	73	73	73
J-M	59 - 73	59 - 73	59 - 73
R-R	63 - 88	63 - 88	63 - 88
J-R	88 - 63	88 - 63	88 - 63
Y-Y	63 - 118	63 - 118	63 - 118
X-X / K-K	180 - 176	180 - 176	180 - 176

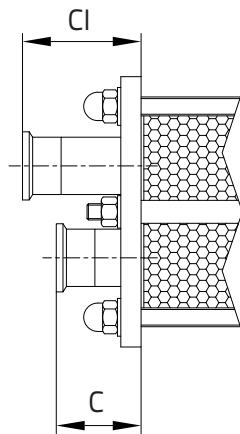
Tutte le dimensioni sono in mm - Np = numero di piastre. All dimensions are in mm - Np = number of plates.

CONNESSIONI FILETTATE MASCHIO
GAS MALE THREADED CONNECTIONS

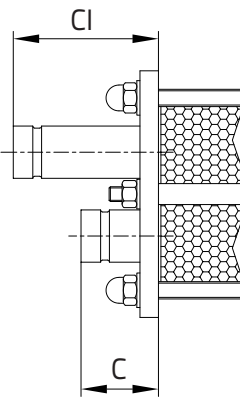
J/M


CONNESSIONI CLAMP ISO 2852
ISO 2852 CLAMP CONNECTIONS

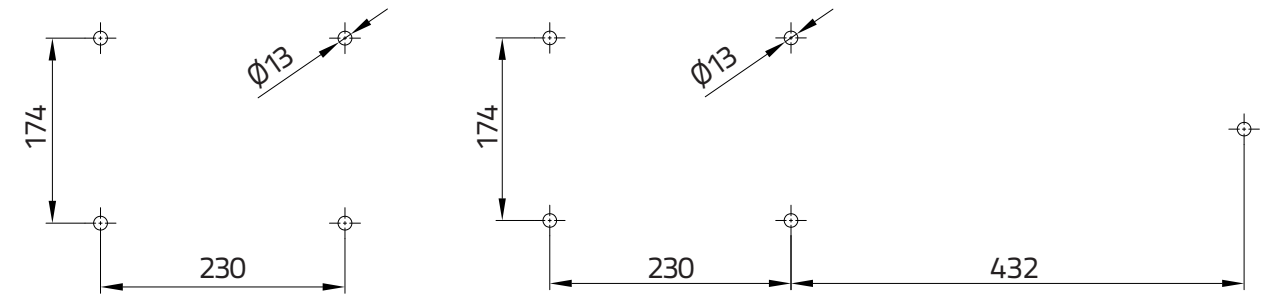
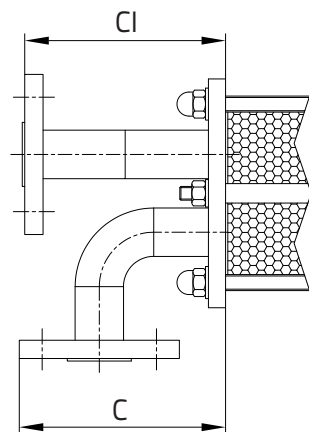
R


ATTACCHI MOBILI
AD ESTREMITÀ SCANALATA
GROOVED PIPE CONNECTIONS

Y


CONNESSIONI FLANGIATE ISO
ISO STUDDED PORTS

K/X



* Step 101p S080+. * Step 101p S080+.

MATERIALI / MATERIALS

		S020+	S040+	S080+
Piastre Plates	AISI 304	●	●	●
	AISI 316L	●	●	●
	254 SMO	●	●	●
	Titanio / Titanium	●	●	●
Guarnizioni Gaskets	NBR	●	●	●
	EPDM Prx.	●	●	●
	FPM	●	●	●
	HNBR	●	●	●
Telai Frames **	Acciaio Carbonio / Carbon steel	●	●	●
	Acciaio inox / Stainless steel	●	●	●
Attacchi Connections **	J (AISI316)	●	●	●
	M (PP)	●	●	●
	R (Clamp)	●	●	●
	Y (Victaulic)	●	●	●
	X (AISI304)	●	●	●
	K (Carbon steel)	●	●	●

	Materiali guarnizioni e temperature massime 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

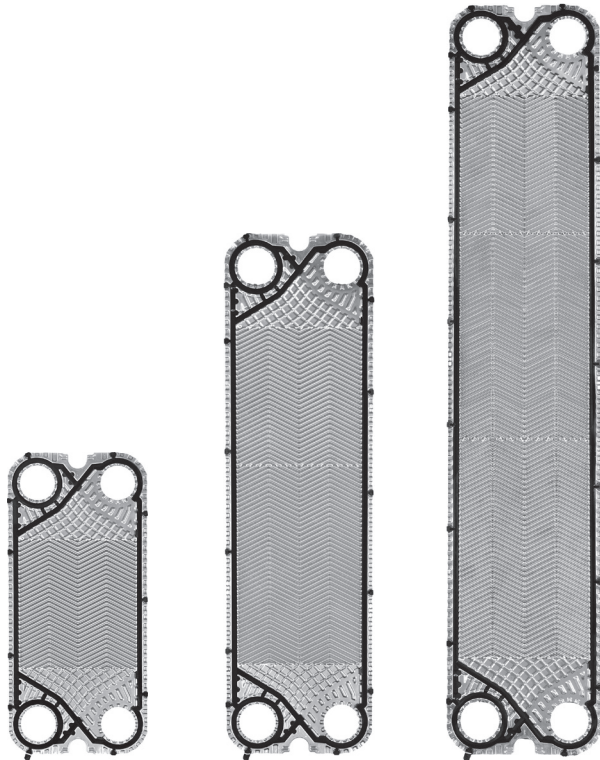
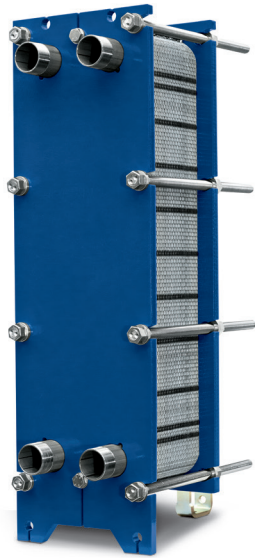
* Le temperature devono essere considerate non applicabili in tutte le condizioni di lavoro.

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

** Per configurazioni non standard contattateci. For non-standard configurations please contact us.

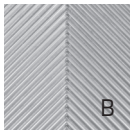
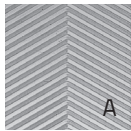


Exchange
for good



Gamma Prodotti	Product Range	P070+			P160+			P260+		
Area di scambio [m²]	Exchange area [m²]	0,078			0,164			0,254		
Larghezza [mm]	Width [mm]				245					
Altezza [mm]	Height [mm]	527			857			1202		
Diametro connessioni	Connections diameter				DN50 2"					
Capacità canale [l]	Channel capacity [l]	0,217			0,383			0,555		
Quota di serraggio [mm] *	Tightening quote [mm] *				2,9					
Peso piastra (con guarnizione) [Kg] *	Plate weight (with gasket) [Kg] *	0,517			0,856			1,213		
Angolo di corrugazione	Corrugation angle				A/B					
Portata max d'acqua [m³/h]	Max. water flowrate [m³/h]				63					
PS=> Pressione max di esercizio [bar]	PS=> Max working pressure [bar]	10	16	25	10	16	25	10	16	25

* standard AISI316L 0,5mm



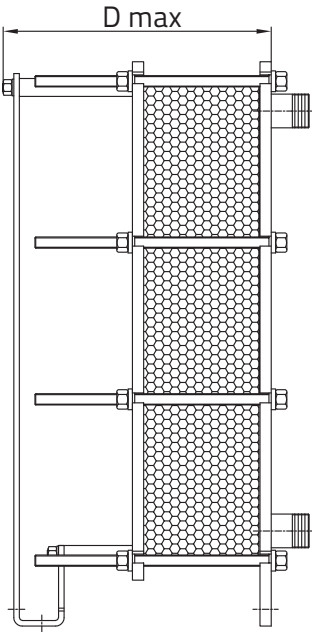
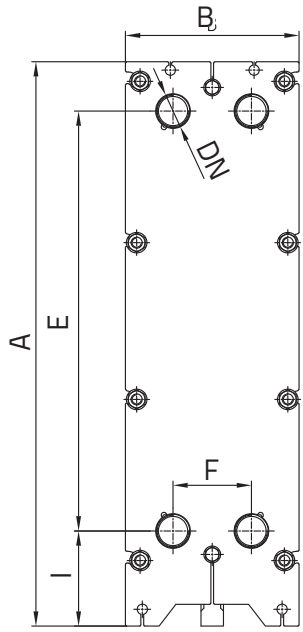
Piastre disponibili in due lunghezze termiche (A/B)

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

DN32	DN50	DN65	DN80	DN100	DN150	DN200
------	------	------	------	-------	-------	-------

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DIMENSIONI TELAI / FRAMES DIMENSIONS



	S070+				S160+					S260+				
A	678 / 720				1008 / 1050					1353 / 1395				
B	310				310					310				
E	420				750					1095				
F	140				140					140				
I	170				170					170				
Np max	41	71	101	151	41	71	101	151	251	41	71	101	151	251
D max	330	470	610	840	330	470	610	840	1300	330	470	610	840	1300
DN	DN50 2"													

Ingombro delle connessioni (C) - Connections dimensions (C)			
J-J	88	88	88
M-M	84	84	84
J-M	84	84	84
R-R	88	88	88
J-R	88	88	88
Y-Y	88	88	88
A-F B-F U-F	100	100	100
C-G E-G V-G	100	100	100

Tutte le dimensioni sono in mm - Np = numero di piastre.
All dimensions are in mm - Np = number of plates.

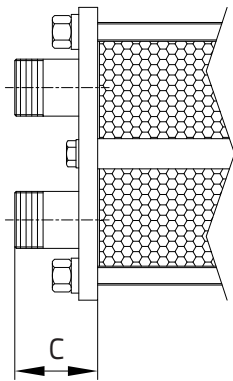


DISEGNI DEGLI ATTACCHI / CONNECTIONS DESIGN

PIEDINI / FEET

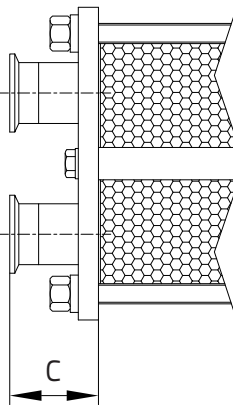
CONNESSIONI FILETTATE MASCHIO
GAS MALE THREADED CONNECTIONS

J/M



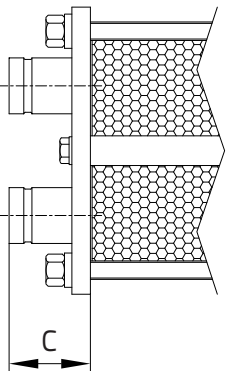
CONNESSIONI CLAMP ISO 2852
ISO 2852 CLAMP CONNECTIONS

R



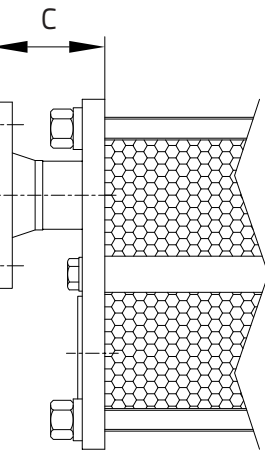
ATTACCHI MOBILI
AD ESTREMITÀ SCANALATA
GROOVED PIPE CONNECTIONS

Y



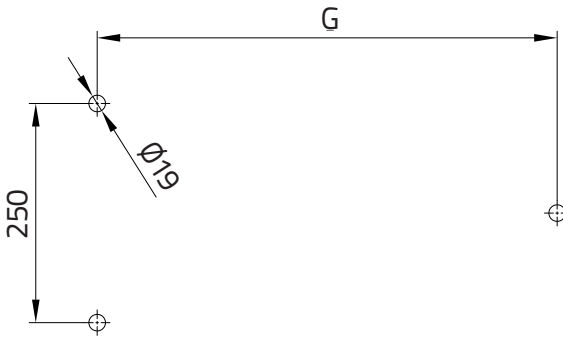
CONNESSIONI FLANGIATE ISO
ISO STUDDED PORTS

A/B/U



CONNESSIONI FLANGIATE ANSI
ANSI STUDDED PORTS

C/E/V



G	PS 10	PS 16	PS 25
S070+ / S160+ / S260+			
Max 41p	380	385	390
Max 71p	520	525	530
Max 101p	660	665	670
Max 151p	890	895	900
Max 251p*	1295	1295	1300

* Step 251p NON disponibile per S070+.
* Step 251p NOT available for S070+.
Tutte le dimensioni sono in mm. All dimensions are in mm.

MATERIALI / MATERIALS

		S070+	S160+	S260+
Piastre Plates	AISI 304	●	●	●
	AISI 316L	●	●	●
	254 SMO	●	●	●
	Titanio / Titanium	●	●	●
Guarnizioni Gaskets	NBR	●	●	●
	EPDM Prx.	●	●	●
	FPM	●	●	●
	HNBR	●	●	●
Telai Frames **	Acciaio Carbonio / Carbon steel	●	●	●
	Acciaio inox / Stainless steel	●	●	●
Attacchi Connections **	J (AISI316)	●	●	●
	M (PP)	●	●	●
	R (Clamp)	●	●	●
	Y (Victaulic)	●	●	●
	A / C (Rubber lined)	●	●	●
	B / E (AISI316L lined)	●	●	●
	U / V (Unlined)	●	●	●
Materiali guarnizioni e temperature massime 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		

* Le temperature devono essere considerate non applicabili in tutte le condizioni di lavoro. The temperatures must be considered not applicable in all working conditions. ** Per configurazioni non standard contattateci. For non-standard configurations please contact us.

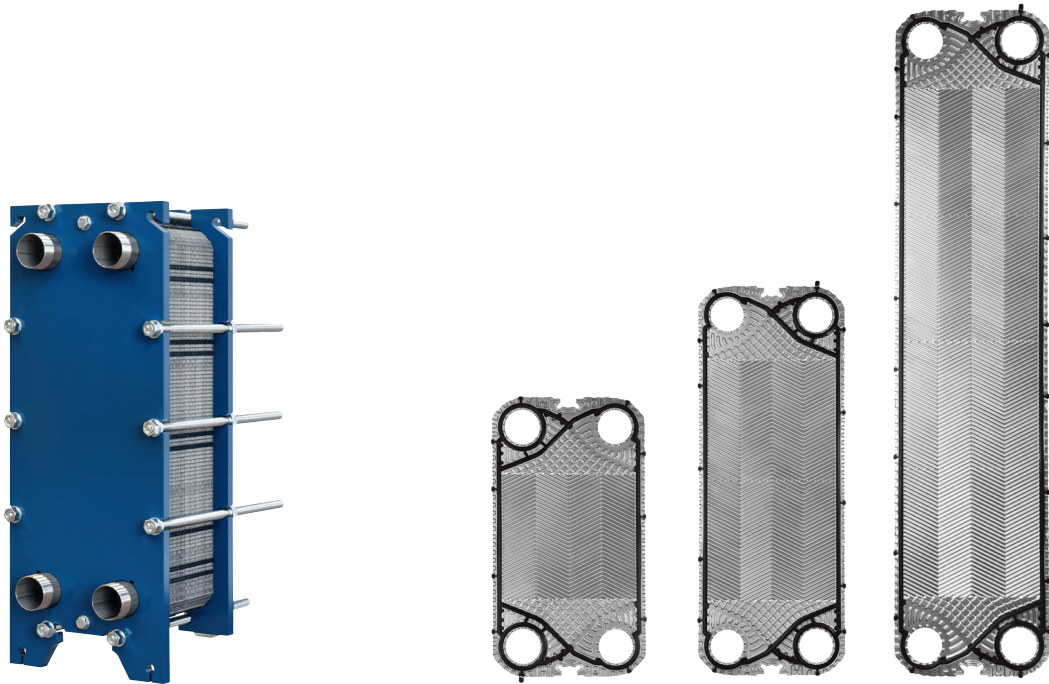


GAMMA PRODOTTI / PRODUCT RANGE DN 65 - 2" 1/2

DIMENSIONI TELAI / FRAMES DIMENSIONS

Standard o Personalizzabili
Standard or Customized

Exchange
for good

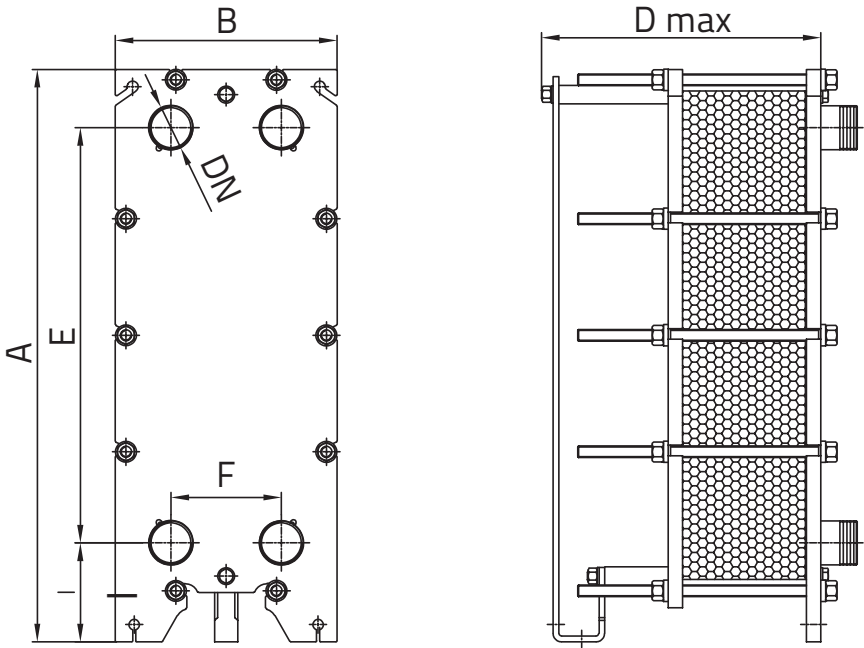


Gamma Prodotti	Product Range	P110+			P210+			P410+		
Area di scambio [m²]	Exchange area [m²]	0,118			0,21			0,395		
Larghezza [mm]	Width [mm]				320					
Altezza [mm]	Height [mm]	584			848			1375		
Diametro connessioni	Connections diameter				DN65 2"1/2					
Capacità canale [l]	Channel capacity [l]	0,335			0,52			0,891		
Quota di serraggio [mm]*	Tightening quote [mm]*				3					
Peso piastra (con guarnizione) [Kg]*	Plate weight (with gasket) [Kg]*	0,722			1,058			1,738		
Angolo di corrugazione	Corrugation angle				A/B					
Portata max d'acqua [m³/h]	Max. water flowrate [m³/h]				80					
PS=> Pressione max di esercizio [bar]	PS=> Max working pressure [bar]	10	16	25	10	16	25	10	16	25

* standard AISI316L 0,5mm

DN32	DN50	DN65	DN80	DN100	DN150	DN200
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	S110+				S210+				S410+				
A	729 / 760				992 / 1024				1551				
B	385 / 400				385 / 400				400				
E	456				720				1247				
F	192				192				192				
I	171				171				171				
Np max	41	71	101	151	41	71	101	151	41	71	101	151	251
D max	355	495	635	865	355	495	635	865	485	485	625	855	1315
DN	DN65 2"1/2												

Ingombro delle connessioni (C) / Connections dimensions (C)			
J-J	88	88	-
M-M	93	93	-
J-M	93	93	-
R-R	88	88	-
J-R	88	88	-
Y-Y	88	88	-
A-A B-B U-U	36	28 / 36	36
C-C E-E V-V	36	28 / 36	36

Tutte le dimensioni sono in mm - Np = numero di piastre. All dimensions are in mm - Np = number of plates.

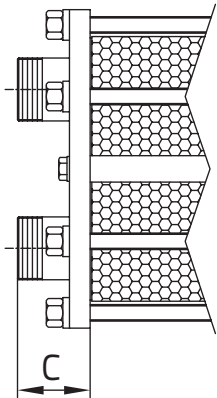


TIPI DI ATTACCHI / CONNECTIONS TYPE DN65 - 2" 1/2

ANCORAGGIO A TERRA (G) / GROUND ANCHORING (G)

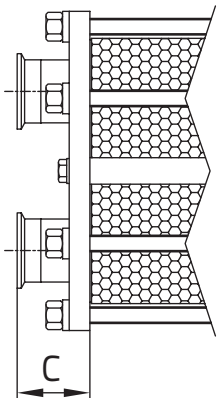
CONNESSIONI FILETTATE MASCHIO
GAS MALE THREADED CONNECTIONS

J/M



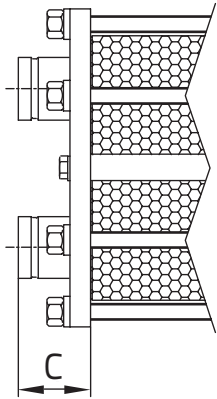
CONNESSIONI CLAMP ISO 2852
ISO 2852 CLAMP CONNECTIONS

R



ATTACCHI MOBILI
AD ESTREMITÀ SCANALATA
GROOVED PIPE CONNECTIONS

Y

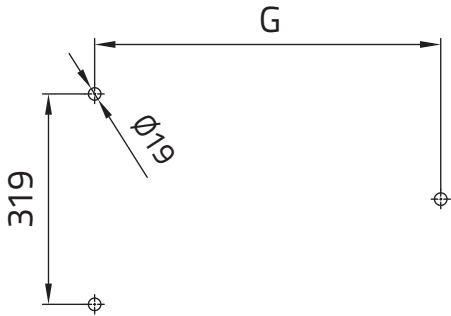
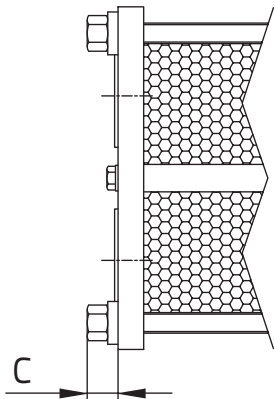


CONNESSIONI FLANGIATE ISO
ISO STUDDED PORTS

A/B/U

CONNESSIONI FLANGIATE ANSI
ANSI STUDDED PORTS

C/E/V



MATERIALI / MATERIALS

		S110+	S210+	S410+
Piastre Plates	AISI 304	●	●	●
	AISI 316L	●	●	●
	254 SMO	●	●	●
	Titanio / Titanium	●	●	●
Guarnizioni Gaskets*	NBR	●	●	●
	EPDM Prx.	●	●	●
	FPM	●	●	●
	HNBR	●	●	●
Telai Frames**	Acciaio Carbonio / Carbon steel	●	●	●
	Acciaio inox / Stainless steel		●	
Attacchi Connections**	J (AISI316)	●	●	
	M (PP)	●	●	
	R (Clamp)	●	●	
	Y (Victaulic)	●	●	
	A / C (Rubber lined)		●	●
	B / E (AISI316L lined)	PS 25	●	
	U / V (Unlined)	PS 25	●	●
Materiali guarnizioni e temperature massime 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		

* Le temperature devono essere considerate non applicabili in tutte le condizioni di lavoro. The temperatures must be considered not applicable in all working conditions. ** Per configurazioni non standard contattateci. For non-standard configurations please contact us.

	PS 10	PS 16	PS 25
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S110+/S210+

Max 41p	385	390	395
Max 71p	525	530	535
Max 101p	665	670	675
Max 151p	895	900	905

S410+

Max 41p	583	583	588
Max 71p	583	583	588
Max 101p	723	723	728
Max 151p	953	953	958
Max 251p	1413	1413	1418

Tutte le dimensioni sono in mm. All dimensions are in mm.

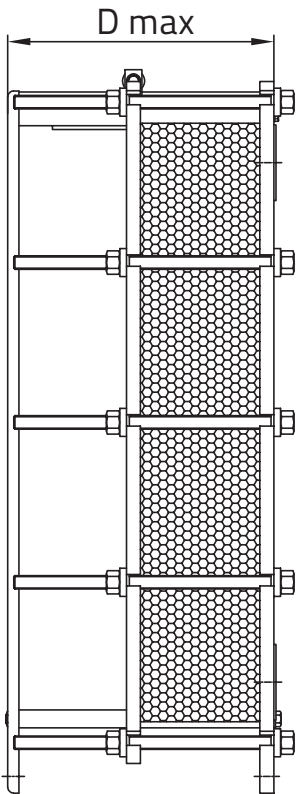
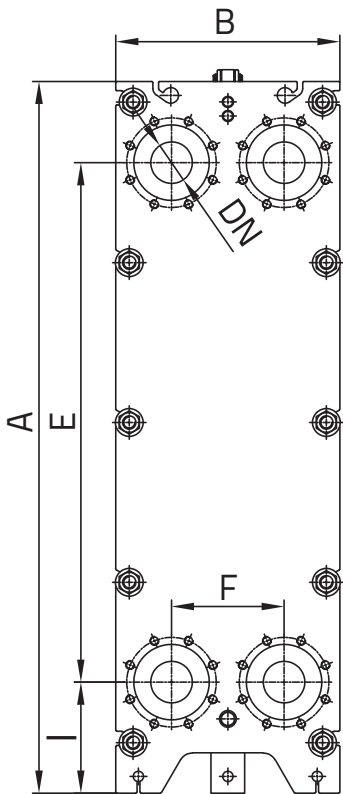
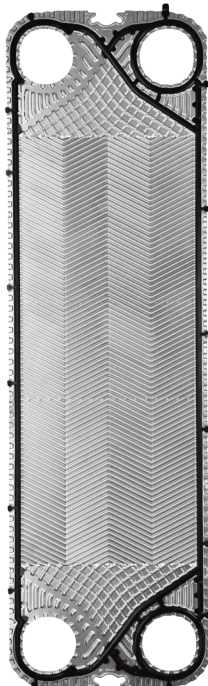


GAMMA PRODOTTI / PRODUCT RANGE DN 80 - 3"

DIMENSIONI TELAI / FRAMES DIMENSIONS

Standard o Personalizzabili
Standard or Customized

Exchange
for good



Gamma Prodotti	Product Range	P270+		
Area di scambio [m²]	Exchange area [m²]	0,273		
Larghezza [mm]	Width [mm]	320		
Altezza [mm]	Height [mm]	1071		
Diametro connessioni	Connections diameter	DN80 3"		
Capacità canale [l]	Channel capacity [l]	0,68		
Quota di serraggio [mm]*	Tightening quote [mm]*	3		
Peso piastra (con guarnizione) [Kg]*	Plate weight (with gasket) [Kg]*	1,321		
Angolo di corrugazione	Corrugation angle	A/B		
Portata max d'acqua [m³/h]	Max. water flowrate [m³/h]	110		
PS=> Pressione max di esercizio [bar]	PS=> Max working pressure [bar]	10	16	25

* standard AISI316L 0,5mm

DN32	DN50	DN65	DN80	DN100	DN150	DN200
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	S270+				
A	1270				
B	400				
E	927				
F	201				
I	198				
Np max	41	71	101	151	251
D max	485	485	625	855	1315
DN	DN80 3"				

Ingombro delle connessioni (C) / Connections dimensions (C)	
A-A B-B U-U	36
C-C E-E V-V	36

Tutte le dimensioni sono in mm - Np = numero di piastre. All dimensions are in mm - Np = number of plates.

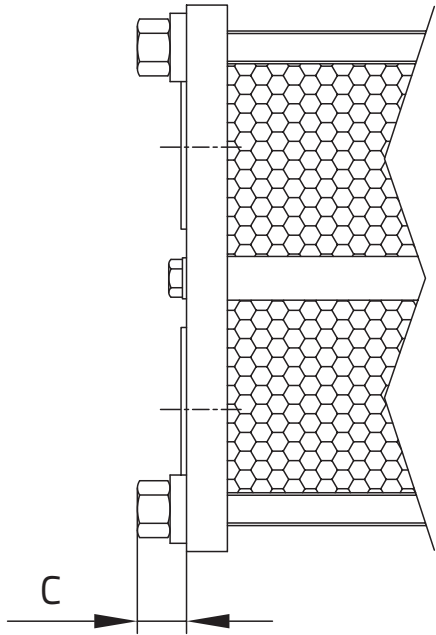


CONNESSIONI FLANGIATE ISO
ISO STUDDED PORTS

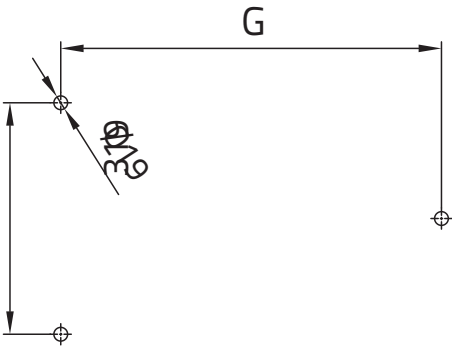
A/B/U

CONNESSIONI FLANGIATE ANSI
ANSI STUDDED PORTS

C/E/V



ANCORAGGIO A TERRA (G) / GROUND ANCHORING (G)



	PS 10	PS 16	PS 25
S270+			
Max 41p	578	583	588
Max 71p	578	583	588
Max 101p	718	723	728
Max 151p	948	953	958
Max 251p	1408	1413	1418

Tutte le dimensioni sono in mm.
All dimensions are in mm.

		S270+
Piastre Plates	AISI 304	●
	AISI 316L	●
	254 SMO	●
	Titanio / Titanium	●
Guarnizioni Gaskets	NBR	●
	EPDM Prx.	●
	FPM	●
	HNBR	●
Telai Frames**	Acciaio Carbonio / Carbon steel	●
	Acciaio inox / Stainless steel	●
Attacchi Connections **	A / C (Rubber lined)	●
	B / E (AISI316L lined)	●
	U / V (Unlined)	●

	Materiali guarnizioni e temperature massime 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

*Le temperature devono essere considerate non applicabili in tutte le condizioni di lavoro.
The temperatures must be considered not applicable in all working conditions.

** Per configurazioni non standard contattateci.
For non-standard configurations please contact us.

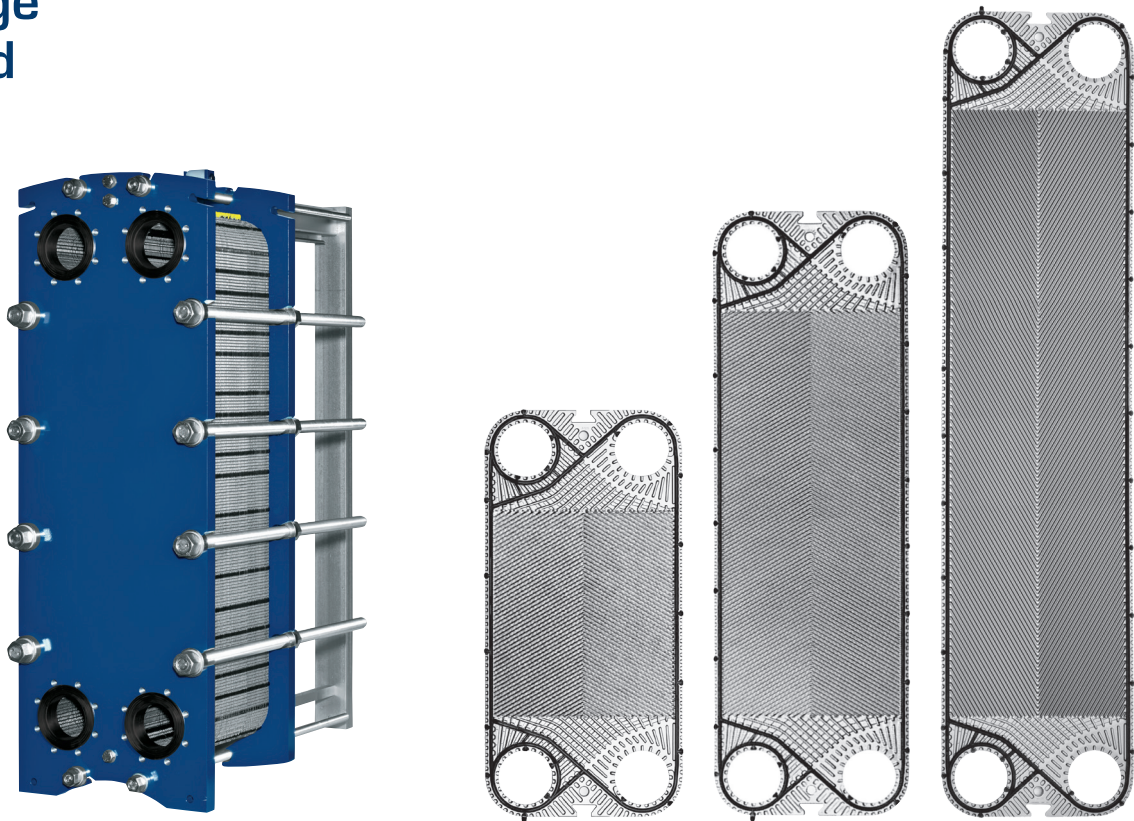


GAMMA PRODOTTI / PRODUCT RANGE DN 100+

DIMENSIONI TELAI / FRAMES DIMENSIONS

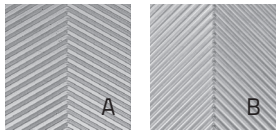
Standard o Personalizzabili
Standard or Customized

Exchange
for good



Gamma Prodotti	Product Range	P300+			P450+			P700+		
Area di scambio [m²]	Exchange area [m²]	0,268			0,482			0,697		
Larghezza [mm]	Width [mm]	425								
Altezza [mm]	Height [mm]	877			1322			1767		
Diametro attacchi	Connections diameter	DN100 4"								
Capacità canale [l]	Channel capacity [l]	0,766			1,217			1,669		
Quota di serraggio [mm] *	Tightening quote [mm] *	3,1								
Peso piastra (con guarnizione) [Kg] *	Plate weight (with gasket) [Kg] *	1,417			2,207			3,026		
Angolo di corrugazione	Corrugation angle	A/B								
Portata max d'acqua [m³/h]	Max. water flowrate [m³/h]	240								
PS=> Pressione max di esercizio [bar]	PS=> Max working pressure [bar]	10	16	25	10	16	25	10	16	

* standard AISI316L 0,5mm

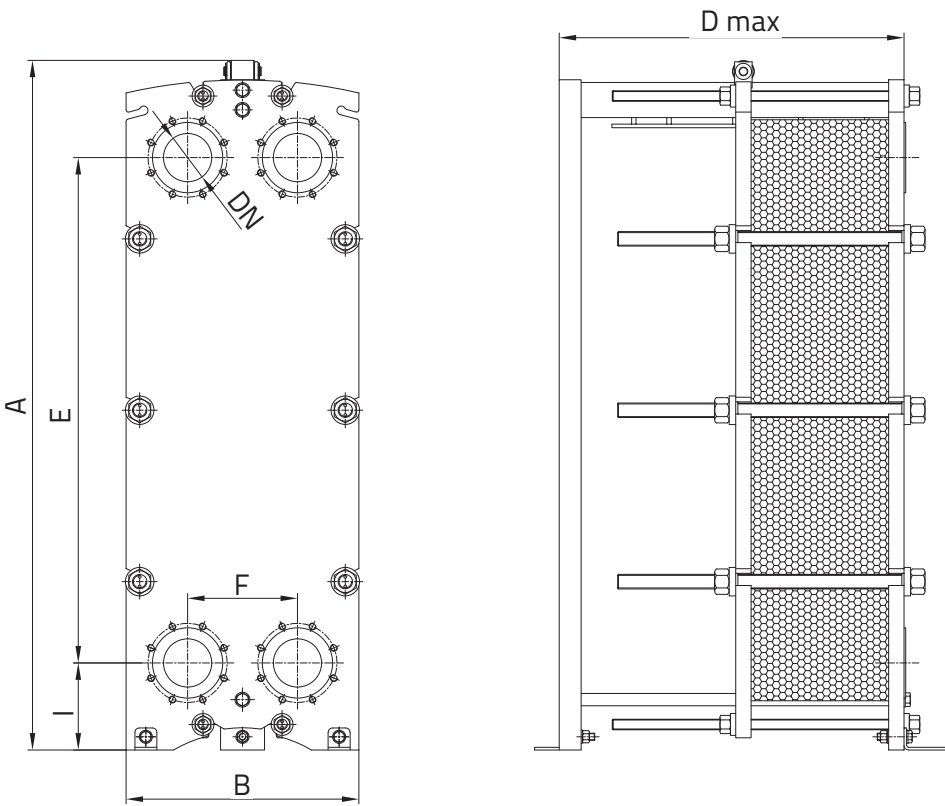


Piastre disponibili in due lunghezze termiche (A/B)

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

DN32	DN50	DN65	DN80	DN100	DN150	DN200
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	S300+				S450+				S700			
A	1124				1569				2014			
B	509 / 530				530				530			
E	705				1150				1595			
F	250				250				250			
I	198				198				198			
Np max	101	201	301	401	101	201	301	401	101	201	301	401
D max	790	1290	1790	2290	800	1300	1800	2300	800	1300	1800	2300
DN	DN100 4"											

Ingombro delle connessioni (C) - Connections dimensions (C)			
A-A B-B U-U	36 / 48	48	48
C-C E-E V-V	36 / 48	48	48

Tutte le dimensioni sono in mm - Np = numero di piastre. All dimensions are in mm - Np = number of plates.



DISEGNI DEGLI ATTACCHI / CONNECTIONS DESIGN

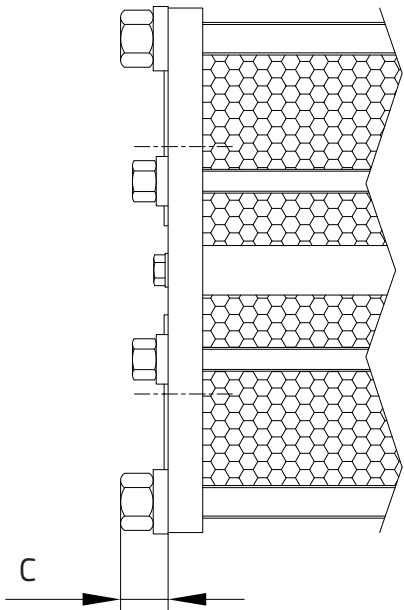
MATERIALI / MATERIALS

CONNESSIONI FLANGIATE ISO
ISO STUDDED PORTS

A/B/U

CONNESSIONI FLANGIATE ANSI
ANSI STUDDED PORTS

C/E/V



PIEDINI / FEET



	PS10	PS16	PS25*
S300+			
Max 101p	853	863	873
Max 201p	1353	1363	1373
Max 301p	1858	1863	1873
Max 401p	2358	2363	2373
S450+ / S700+			
Max 101p	861	866	876
Max 201p	1361	1366	1376
Max 301p	1861	1866	1876
Max 401p	2361	2366	2376

*PS25 NON disponibile per S700+. PS25 NOT for S700+.
Tutte le dimensioni sono in mm. All dimensions are in mm.

		S300+	S450+	S700+
Piastr Plates	AISI 304	●	●	●
	AISI 316L	●	●	●
	254 SMO	●	●	●
	Titanio / Titanium	●	●	●
Guarnizioni Gaskets	NBR	●	●	●
	EPDM Prx.	●	●	●
	FPM	●	●	●
	HNBR	●	●	●
Telai Frames **	Acciaio Carbonio / Carbon steel	●	●	●
	Acciaio inox / Stainless steel	●	●	●
Attacchi Connections**	A / C (Rubber lined)	●	●	●
	B / E (AISI316L lined)	●	●	●
	U / V (Unlined)	●	●	●

	Materiali guarnizioni e temperature massime 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

* Le temperature devono essere considerate non applicabili in tutte le condizioni di lavoro.
* The temperatures must be considered not applicable in all working conditions.
** Per configurazioni non standard contattateci. For non-standard configurations please contact us.

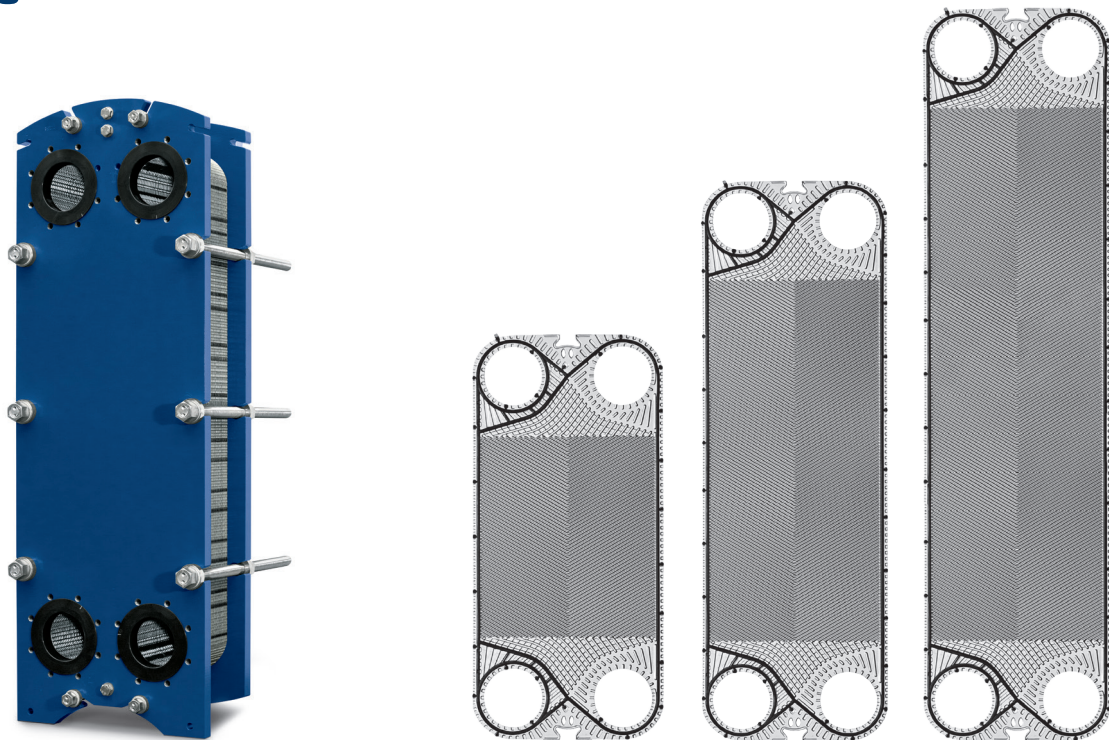


GAMMA PRODOTTI / PRODUCT RANGE DN 150+

DIMENSIONI TELAI / FRAMES DIMENSIONS

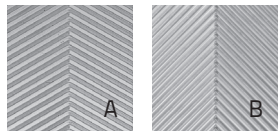
Standard o Personalizzabili
Standard or Customized

Exchange
for good



Gamma Prodotti	Product Range	P400+		P600+		P900+	
Area di scambio [m²]	Exchange area [m²]	0,39		0,645		0,9	
Larghezza [mm]	Width [mm]	500					
Altezza [mm]	Height [mm]	1055		1503		1951	
Diametro attacchi	Connections diameter	DN150 6"					
Capacità canale [l]	Channel capacity [l]	1,122		1,659		2,197	
Quota di serraggio [mm] *	Tightening quote [mm] *	3,1					
Peso piastra (con guarnizione) [Kg] *	Plate weight (with gasket) [Kg] *	1,929		2,858		3,786	
Angolo di corrugazione	Corrugation angle	A/B					
Portata max d'acqua [m³/h]	Max. water flowrate [m³/h]	380					
PS=> Pressione max di esercizio [bar]	PS=> Max working pressure [bar]	10	16	10	16	10	16

* standard AISI316L 0,5mm

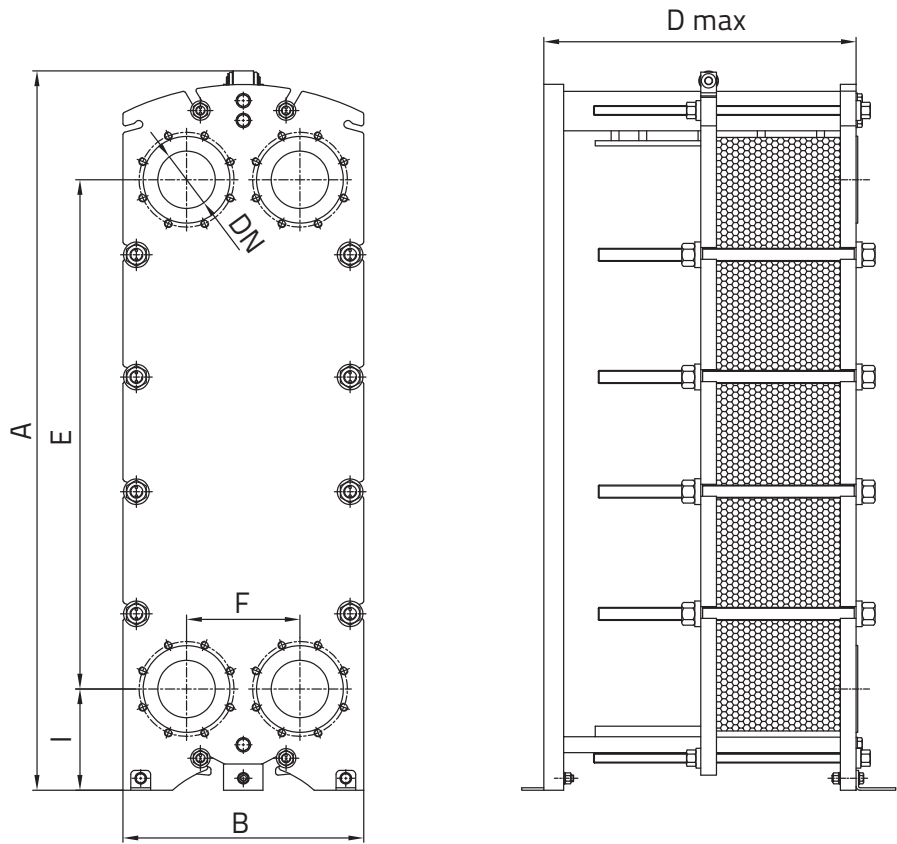


Piastre disponibili in due
lunghezze termiche (A/B)

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

DN32	DN50	DN65	DN80	DN100	DN150	DN200
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	S400+					S600+					S900+						
A	1371					1819					2272 / 2317						
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	800	1300	1800	2300	3100	800	1300	1800	2300	3100	800	1300	1800	2300	3110	3930	
DN	DN150 6"																

Ingombro delle connessioni (C) - Connections dimensions (C)			
A-A B-B U-U	48	48	48
C-C E-E V-V	48	48	48

Tutte le dimensioni sono in mm - Np = numero di piastre. All dimensions are in mm - Np = number of plates.



DISEGNI DEGLI ATTACCHI / CONNECTIONS DESIGN

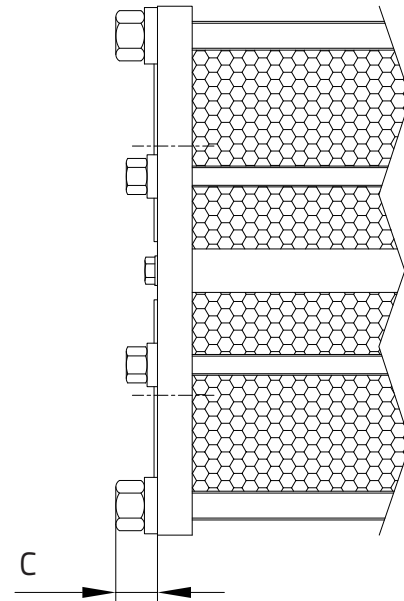
MATERIALI / MATERIALS

CONNESSIONI FLANGIATE ISO ISO STUDDED PORTS

A/B/U

CONNESSIONI FLANGIATE ANSI ANSI STUDDED PORTS

C/E/V



PIEDINI / FEET



	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
Max 701p*	3983	3983

*Step 701p disponibile SOLO per S900+.
Step 701p available ONLY for S900+.
Tutte le dimensioni sono in mm. All dimensions are in mm.

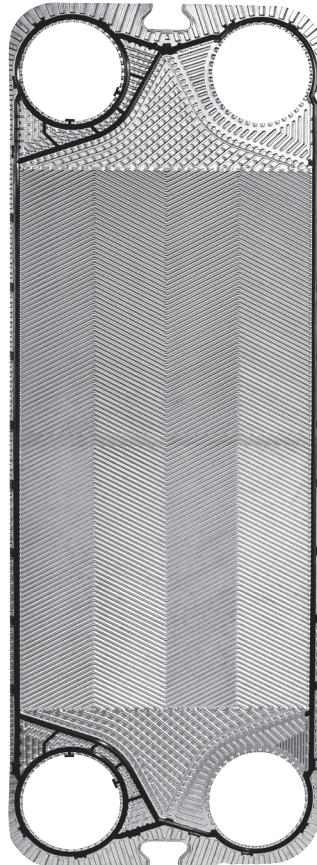
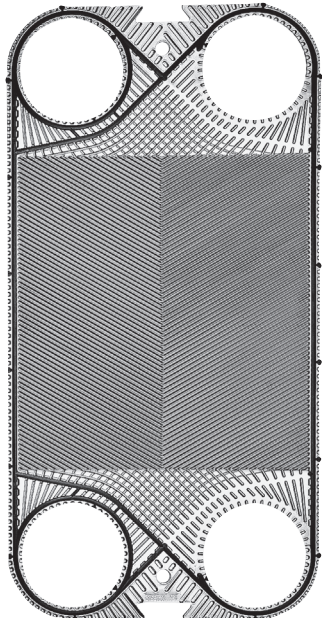
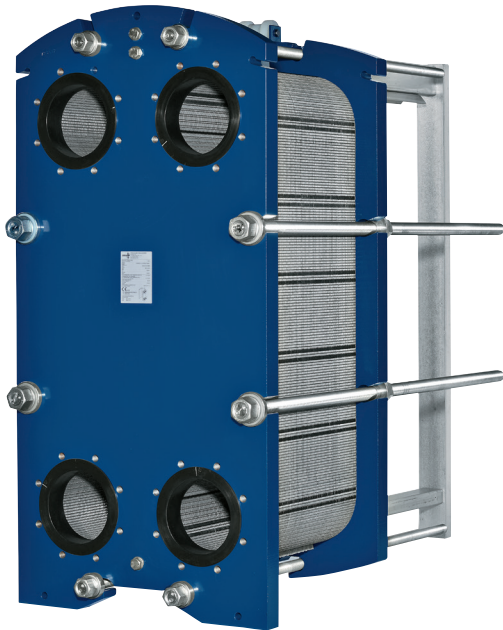
		S400+	S600+	S900+
Piastre Plates	AISI 304	●	●	●
	AISI 316L	●	●	●
	254 SMO	●	●	●
	Titanio / Titanium	●	●	
Guarnizioni Gaskets	NBR	●	●	●
	EPDM Prx.	●	●	●
	FPM	●	●	●
	HNBR	●	●	●
Telai Frames **	Acciaio Carbonio / Carbon steel	●	●	●
	Acciaio inox / Stainless steel			
Attacchi Connections **	A / C (Rubber lined)	●	●	●
	B / E (AISI316L lined)	●	●	●
	U / V (Unlined)	●	●	●

	Materiali guarnizioni e temperature massime 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

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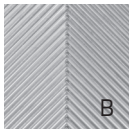
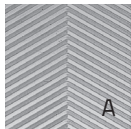


Exchange
for good



Gamma Prodotti	Product Range	P650+		P990+	
Area di scambio [m²]	Exchange area [m²]	0,606		0,972	
Larghezza [mm]	Width [mm]	678		668	
Altezza [mm]	Height [mm]	1340		1825	
Diametro attacchi	Connections diameter	DN200 8"			
Capacità canale [l]	Channel capacity [l]	2,109		2,399	
Quota di serraggio [mm] *	Tightening quote [mm] *	3,3		3,1	
Peso piastra (con guarnizione) [Kg] *	Plate weight (with gasket) [Kg] *	3,179		4,5	
Angolo di corrugazione	Corrugation angle	A/B			
Portata max d'acqua [m³/h]	Max. water flowrate [m³/h]	800		730	
PS=> Pressione max di esercizio [bar]	PS=> Max working pressure [bar]	10	16	10	16

* standard AISI316L 0,5mm



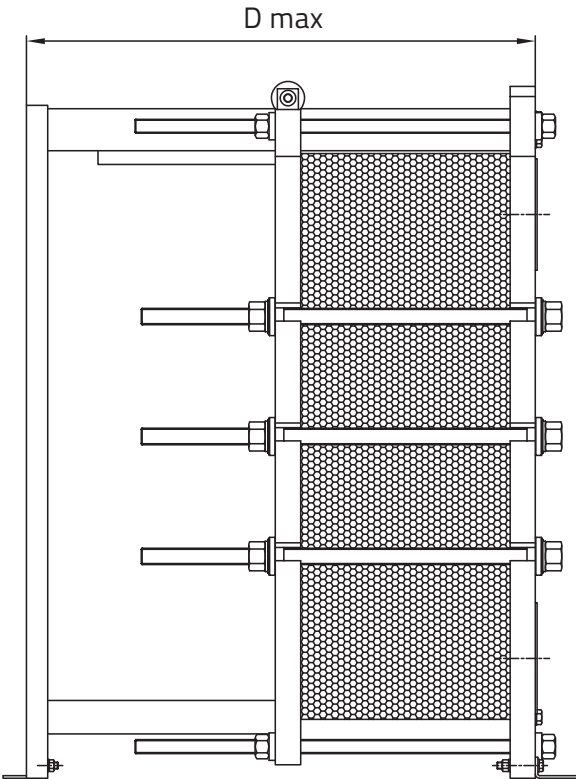
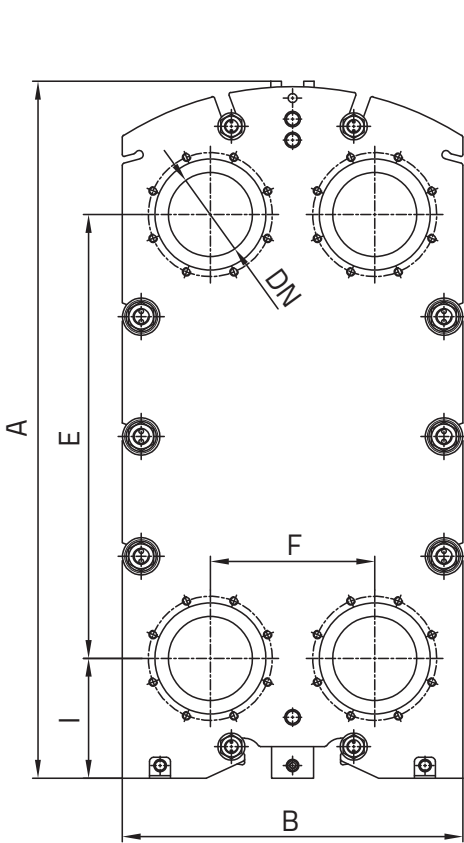
Piastre disponibili in due lunghezze termiche (A/B)

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

DN32	DN50	DN65	DN80	DN100	DN150	DN200
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DIMENSIONI TELAI / FRAMES DIMENSIONS



	S650+				S990+			
A	1657 / 1707				2190 / 2206			
B	810				790			
E	1055				1536			
F	391				396			
I	285				285			
Np max	151	251	351	551	151	251	351	551
D max	1220	1820	2220	3130	1220	1820	2220	3120
DN	DN200 8"							

Ingombro delle connessioni (C) - Connections dimensions (C)		
A-A B-B U-U	63	48
C-C E-E V-V	63	48

Tutte le dimensioni sono in mm - Np = numero di piastre. All dimensions are in mm - Np = number of plates.



DISEGNI DEGLI ATTACCHI / CONNECTIONS DESIGN

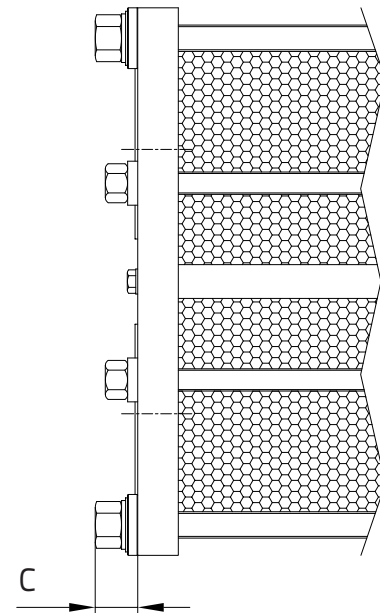
MATERIALI / MATERIALS

CONNESSIONI FLANGIATE ISO ISO STUDDED PORTS

A/B/U

CONNESSIONI FLANGIATE ANSI ANSI STUDDED PORTS

C/E/V



PIEDINI / FEET



	PS10	PS16
S650+		
Max 151p	1286	1296
Max 251p	1886	1896
Max 351p	2286	2296
Max 551p	3187	3197
S990+		
Max 151p	1277	1287
Max 251p	1877	1887
Max 351p	2277	2287
Max 551p	3177	3187

Tutte le dimensioni sono in mm.
All dimensions are in mm.

		S650+	S990+
Piastre Plates	AISI 304	●	●
	AISI 316L	●	●
	254 SMO	●	
	Titanio / Titanium	●	●
Guarnizioni Gaskets	NBR	●	●
	EPDM Prx.	●	●
	FPM	●	●
	HNBR	●	
Telai Frames **	Acciaio Carbonio / Carbon steel	●	●
	Acciaio inox / Stainless steel		
Attacchi Connections **	A / C (Rubber lined)	●	●
	B / E (AISI316L lined)	●	●
	U / V (Unlined)	●	●

	Materiali guarnizioni e temperature massime 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

* Le temperature devono essere considerate non applicabili in tutte le condizioni di lavoro.

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

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CERTIFICAZIONI - CERTIFICATIONS APPROVALS



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



- ACS
Attestation de Conformité Sanitaire

- WRAS
EPDMprx gasket compound approved



- ISO 45001
Occupational Health
and Safety

- ISO 14001
Environmental
Management



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Via Nassar, 46 - 37026 Pescantina (VR)
Tel. +39 045 6750065 • Fax +39 045 6750118
info@cipriani-phe.com
cipriani-phe.com