

Part number:

**HYDROMA**

HYDRAULICKÉ SYSTÉMY

**HIDROMA  
SYSTEMS**

UKŁADY HYDRAULICZNE

**HYDROMA**

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

**PB**

**014**

**030**

**F012**

**6**

**MODELLO** Model

**SERIE** Series

014  
022  
031  
034  
047  
060  
110  
170

**NUMERO DI PIASTRE** Number of plates

006  
010  
020  
030  
040  
050  
060  
070  
080  
090  
100  
110  
120  
130  
140  
150  
160  
170  
180

**CONNESSIONI** Connection Type

1/2" BSP Femmina  
Internal Thread 1/2" BSP

( PB014 - PB022 - PB034 )

1" BSP Femmina  
Internal Thread 1" BSP

( PB31 - PB047 - PB060 )

2" BSP Maschio  
External Thread 2" BSP

( PB110 - PB170 )

F012

F100

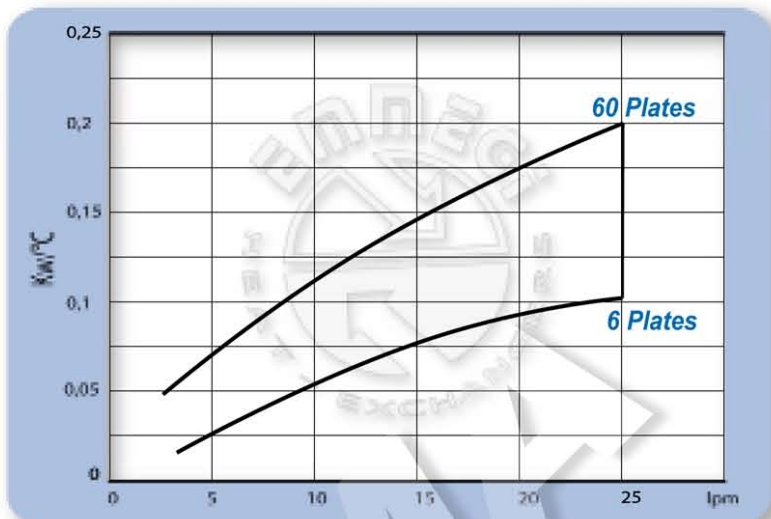
M200

# PB014

## Dimensioni Dimensions

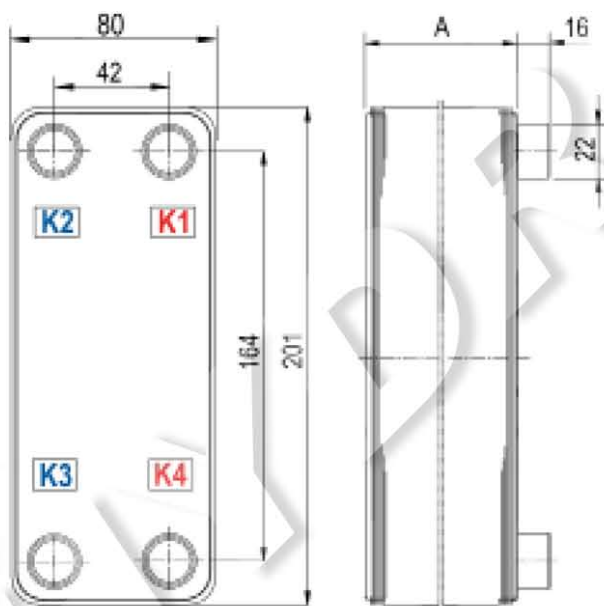


Diagramma rendimento Performance diagram - ISO VG46 @50°C



Rapporto portata olio/acqua 2:1 - flow ratio 2:1

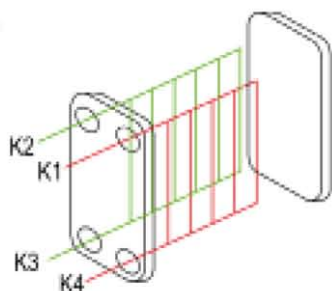
Per informazioni inerenti la perdita di carico contattare l' UTEC EMMEGI.  
For pressure drop information please contact EMMEGI's technical department.



Condizioni di esercizio Working Conditions		Materiali Utilizzati Materials	
Massima Temperatura Max. Working Temperature	230°C	Piastra Plate	Aisi 316
Minima Temperatura Min. Working Temperature	-10°C	Attacchi Connection	Aisi 316
Massima Pressione Max. Working Pressure	30 bar	Brasatura Brazing Material	Cu 99,95%

Collegamenti Standard Standard of Connection Location	Connessioni Connection Types
K1 / K4 - Ingresso/uscita caldo K1 / K4 - Inlet/Outlet Hot Side	G 1/2" Femmina Internal Thread G 1/2"
K2 / K3 - Ingresso/uscita freddo K2 / K3 - Inlet/Outlet Cold Side	G 1/2" Femmina Internal Thread G 1/2"
A richiesta connessioni speciali Special connections on request	

N° Piastre Plate No.	A (mm)	Peso ( Kg ) Weight ( Kg )	Capacità per circuito Channel Volume
6	25	0.97	0.066
10	34	1.15	0.11
20	57	1.6	0.22
30	80	2.05	0.33
40	103	2.5	0.44
50	126	2.95	0.55
60	149	3.4	0.66



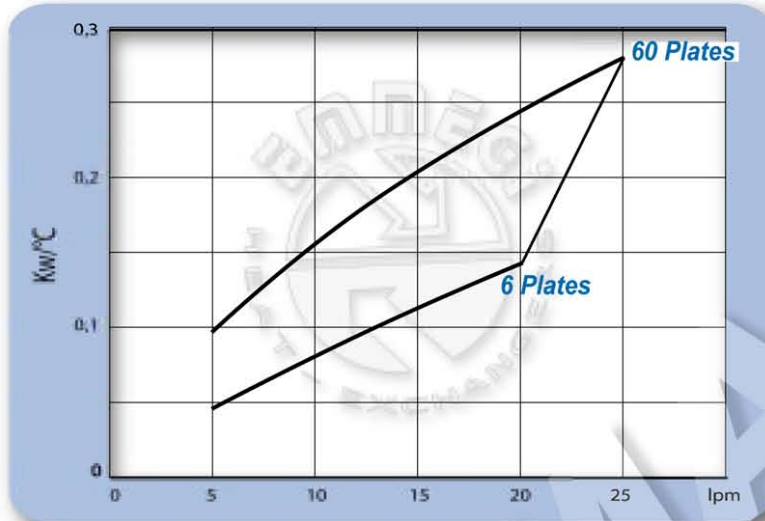
# PB014

# PB022

## Dimensioni *Dimensions*

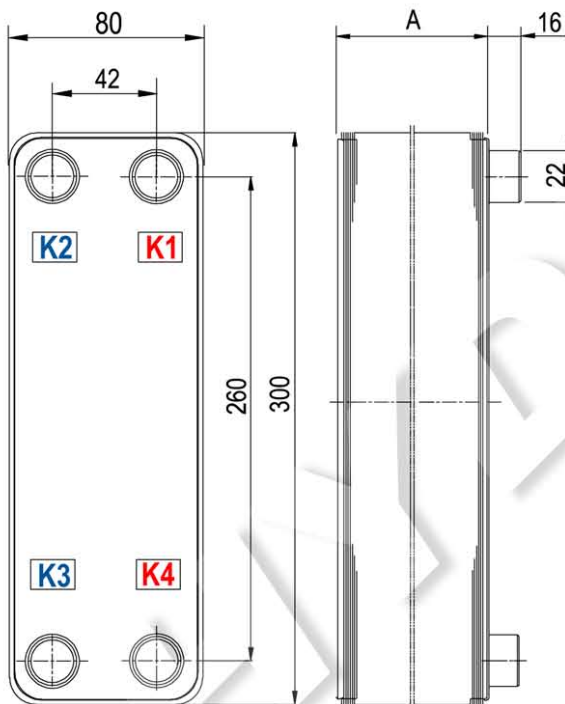


## Diagramma rendimento *Performance diagram - ISO VG46 @50°C*



Rapporto portata olio/acqua 2:1 - flow ratio 2:1

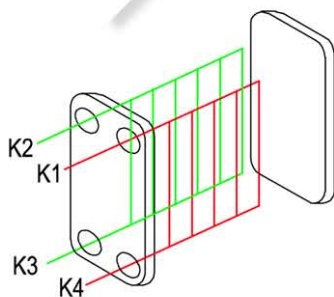
Per informazioni inerenti la perdita di carico contattare l' UTEC EMMEGI.  
For pressure drop information please contact EMMEGI's technical department.



Condizioni di esercizio Working Conditions		Materiali Utilizzati Materials	
Massima Temperatura Max. Working Temperature	230°C	Piastre Plate	Aisi 316
Minima Temperatura Min. Working Temperature	-10°C	Attacchi Connection	Aisi 316
Massima Pressione Max. Working Pressure	30 bar	Brasatura Brazing Material	Cu 99,95%

Collegamenti Standard Standard of Connection Location	Connessioni Connection Types
K1 / K4 - Ingresso/uscita caldo K1 / K4 - Inlet/Outlet Hot Side	G 1/2" Femmina Internal Thread G 1/2"
K2 / K3 - Ingresso/uscita freddo K2 / K3 - Inlet/Outlet Cold Side	G 1/2" Femmina Internal Thread G 1/2"
A richiesta connessioni speciali Special connections on request	

N° Piastre Plate No.	A (mm)	Peso ( Kg ) Weight ( Kg )	Capacità per circuito lt Channel Volume
6	25	1.5	0.105
10	34	1.9	0.175
20	55	2.6	0.35
30	78	3.3	0.525
40	101	4.1	0.7
50	124	4.8	0.875
60	147	5.6	1.05



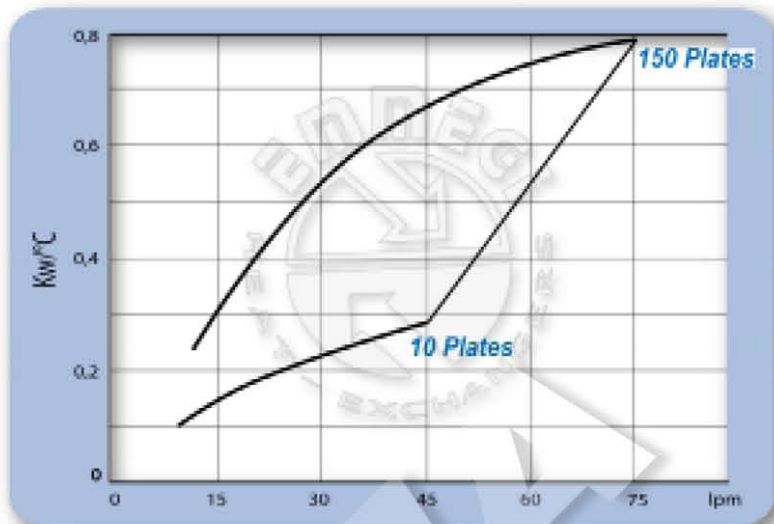
# PB022

# PB031

## Dimensioni Dimensions

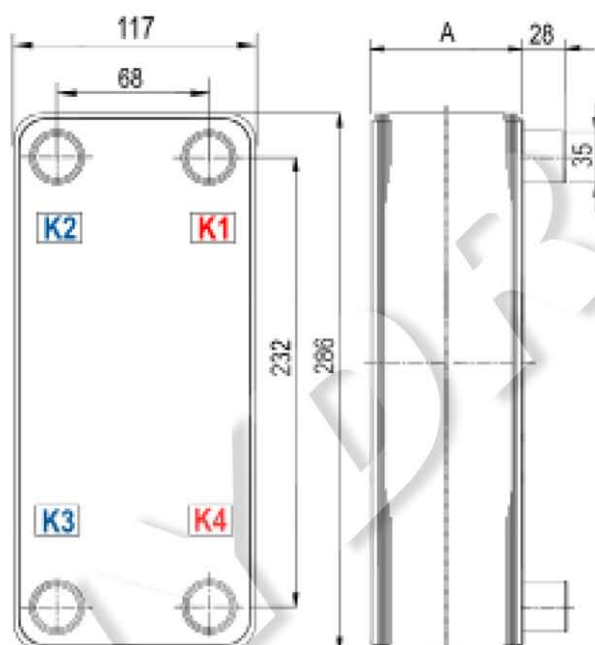


## Diagramma rendimento Performance diagram - ISO VG46 @50°C



Rapporto portata olio/acqua 2:1 - flow ratio 2:1

Per informazioni inerenti la perdita di carico contattare l' UTEC EMMEGI.  
For pressure drop information please contact EMMEGI's technical department.

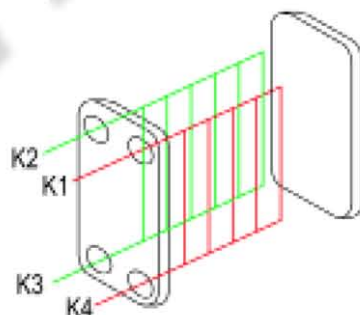


Condizioni di esercizio Working Conditions		Materiali Utilizzati Materials	
Massima Temperatura Max. Working Temperature	230°C	Piastra Plate	Aisi 316
Minima Temperatura Min. Working Temperature	-10°C	Attacchi Connection	Aisi 316
Massima Pressione Max. Working Pressure	30 bar	Brasatura Brazing Material	Cu 99,95%

Collegamenti Standard Standard of Connection Location	Connessioni Connection Types
K1 / K4 - Ingresso/uscita caldo K1 / K4 - Inlet/Outlet Hot Side	G 1" Femmina Internal Thread G 1"
K2 / K3 - Ingresso/uscita freddo K2 / K3 - Inlet/Outlet Cold Side	G 1" Femmina Internal Thread G 1"

A richiesta connessioni speciali  
Special connections on request

N° Piastre Plate No.	A (mm)	Peso ( Kg ) Weight ( Kg )	Capacità per circuito Channel Volume
10	33	3.09	0.24
20	57	4.33	0.47
30	88	5.57	0.76
40	105	6.81	0.94
50	129	8.05	1.18
60	153	9.29	1.41
70	177	10.53	1.65
80	201	11.77	1.88
90	225	13.01	2.16
100	251	14.25	2.35
110	273	15.49	2.59
120	297	16.73	2.82
130	321	17.97	3.06
140	345	19.21	3.29
150	369	20.45	3.53



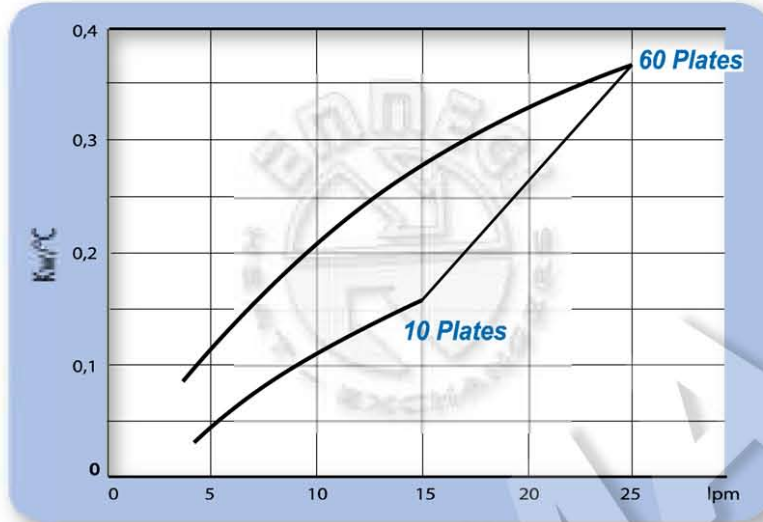
# PB031

# PB034

## Dimensioni *Dimensions*

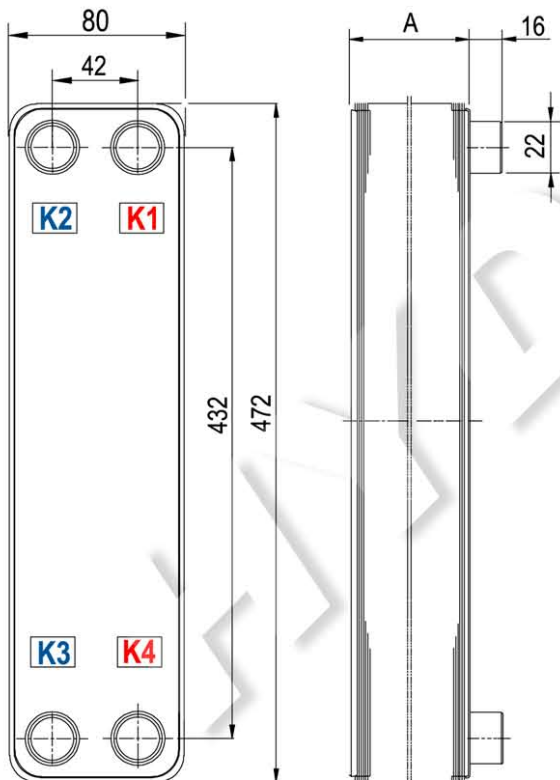


## Diagramma rendimento *Performance diagram - ISO VG46 @50°C*



Rapporto portata olio/acqua 2:1 - flow ratio 2:1

Per informazioni inerenti la perdita di carico contattare l' UTEC EMMEGI.  
For pressure drop information please contact EMMEGI's technical department.

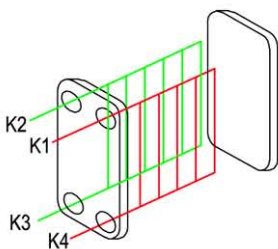


Condizioni di esercizio Working Conditions	
Massima Temperatura Max. Working Temperature	230°C
Minima Temperatura Min. Working Temperature	-10°C
Massima Pressione Max. Working Pressure	30 bar

Materiali Utilizzati Materials	
Piastre Plate	Aisi 316
Attacchi Connection	Aisi 316
Brasatura Brazing Material	Cu 99,95%

Collegamenti Standard Standard of Connection Location	Connessioni Connection Types
K1 / K4 - Ingresso/uscita caldo K1 / K4 - Inlet/Outlet Hot Side	G 1/2" Femmina Internal Thread G 1/2"
K2 / K3 - Ingresso/uscita freddo K2 / K3 - Inlet/Outlet Cold Side	G 1/2" Femmina Internal Thread G 1/2"
A richiesta connessioni speciali Special connections on request	

N° Piastre Plate No.	A (mm)	Peso ( Kg ) Weight ( Kg )	Capacità per circuito lt Channel Volume
10	32	2.77	0.27
20	55	3.97	0.54
30	78	5.17	0.81
40	101	6.37	1.08
50	124	7.57	1.35
60	147	8.77	1.62



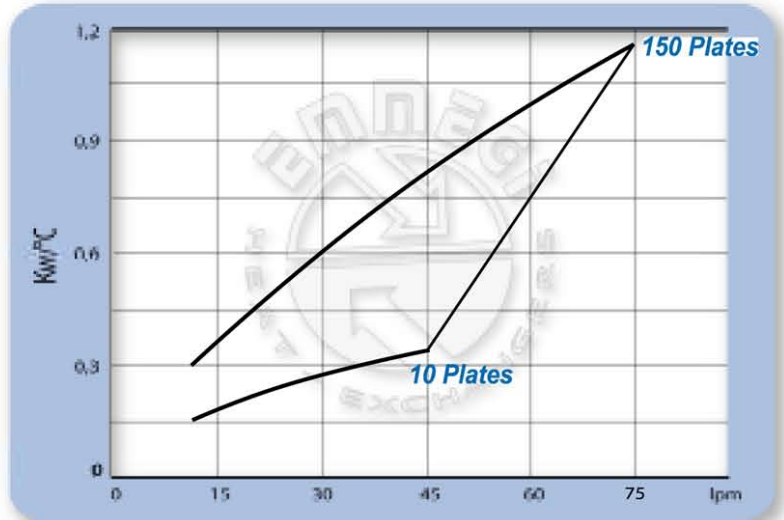
# PB034

# PB047

## Dimensioni Dimensions

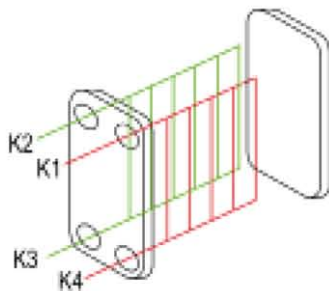
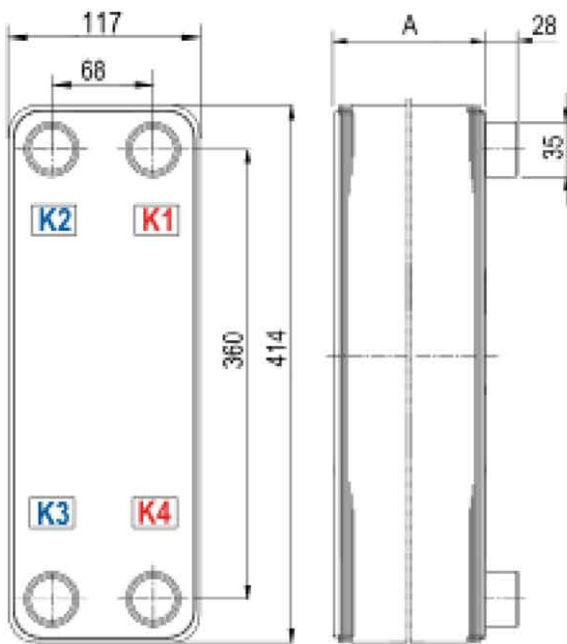


Diagramma rendimento Performance diagram - ISO VG46 @50°C



Rapporto portata olio/acqua 2:1 - flow ratio 2:1

Per informazioni inerenti la perdita di carico contattare l' UTEC EMMEGI.  
For pressure drop information please contact EMMEGI's technical department.



Condizioni di esercizio Working Conditions		Materiali Utilizzati Materials	
Massima Temperatura Max. Working Temperature	230°C	Piastre Plate	Aisi 316
Minima Temperatura Min. Working Temperature	-10°C	Attacchi Connection	Aisi 316
Massima Pressione Max. Working Pressure	30 bar	Brasatura Brazing Material	Cu 99,95%

Collegamenti Standard Standard of Connection Location	Connessioni Connection Types
K1 / K4 - Ingresso/uscita caldo K1 / K4 - Inlet/Outlet Hot Side	G 1" Femmina Internal Thread G 1"
K2 / K3 - Ingresso/uscita freddo K2 / K3 - Inlet/Outlet Cold Side	G 1" Femmina Internal Thread G 1"
A richiesta connessioni speciali Special connections on request	

N° Piastre Plate No.	A (mm)	Peso ( Kg ) Weight ( Kg )	Capacità per circuito It Channel Volume
10	35	4	0.36
20	59	5.9	0.72
30	83	7.8	1.08
40	107	9.7	1.44
50	131	11.6	1.8
60	155	13.5	2.16
70	179	15.4	2.52
80	203	17.3	2.88
90	227	19.2	3.24
100	251	21.1	3.6
110	275	23	3.96
120	299	24.9	4.32
130	323	26.8	4.68
140	347	28.7	5.04
150	371	30.6	5.4

# PB047

# PB060

## Dimensioni *Dimensions*

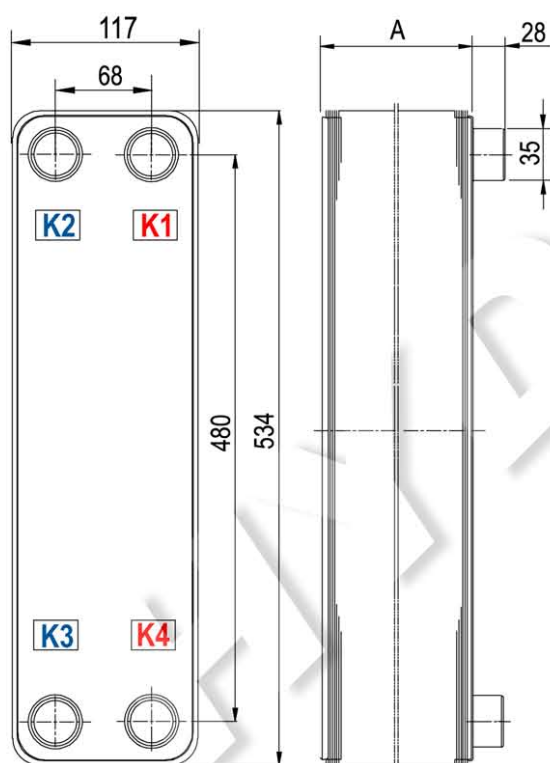


## Diagramma rendimento *Performance diagram - ISO VG46 @50°C*



Rapporto portata olio/acqua 2:1 - flow ratio 2:1

Per informazioni inerenti la perdita di carico contattare l' UTEC EMMEGI.  
For pressure drop information please contact EMMEGI's technical department.

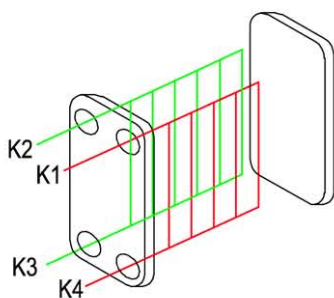


Condizioni di esercizio Working Conditions		Materiali Utilizzati Materials	
Massima Temperatura Max. Working Temperature	230°C	Piastre Plate	Aisi 316
Minima Temperatura Min. Working Temperature	-10°C	Attacchi Connection	Aisi 316
Massima Pressione Max. Working Pressure	30 bar	Brasatura Brazing Material	Cu 99,95%

Collegamenti Standard Standard of Connection Location	Connessioni Connection Types
K1 / K4 - Ingresso/uscita caldo K1 / K4 - Inlet/Outlet Hot Side	G 1" Femmina Internal Thread G 1"
K2 / K3 - Ingresso/uscita freddo K2 / K3 - Inlet/Outlet Cold Side	G 1" Femmina Internal Thread G 1"

A richiesta connessioni speciali  
Special connections on request

N° Piastre Plate No.	A (mm)	Peso ( Kg ) Weight ( Kg )	Capacità per circuito It Channel Volume
10	35	4	0.36
20	59	5.9	0.72
30	83	7.8	1.08
40	107	9.7	1.44
50	131	11.6	1.8
60	155	13.5	2.16
70	179	15.4	2.52
80	203	17.3	2.88
90	227	19.2	3.24
100	251	21.1	3.6
110	275	23	3.96
120	299	24.9	4.32
130	323	26.8	4.68
140	347	28.7	5.04
150	371	30.6	5.4



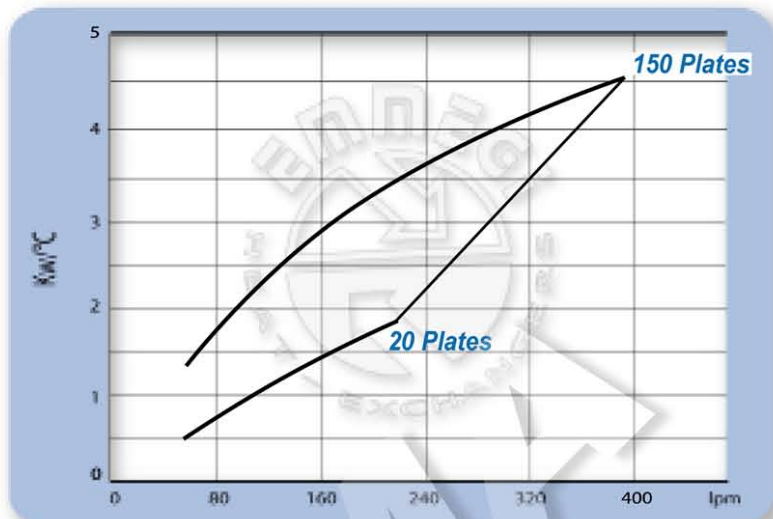
# PB060

# PB110

## Dimensioni Dimensions

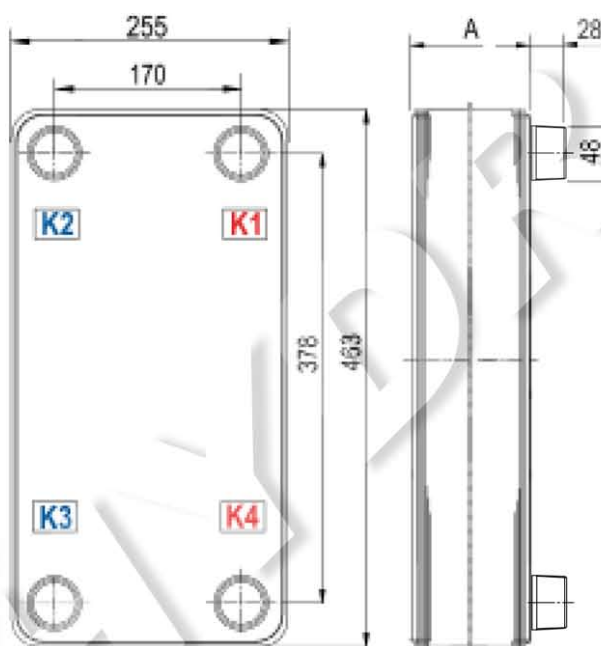


Diagramma rendimento Performance diagram - ISO VG46 @50°C



Rapporto portata olio/acqua 2:1 - flow ratio 2:1

Per informazioni inerenti la perdita di carico contattare l' UTEC EMMEGI.  
For pressure drop information please contact EMMEGI's technical department.

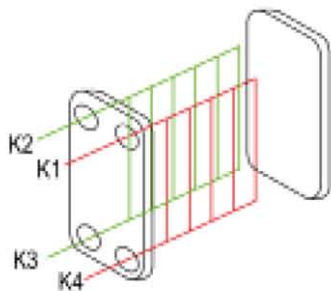


Condizioni di esercizio Working Conditions		Materiali Utilizzati Materials	
Massima Temperatura Max. Working Temperature	230°C	Piastre Plate	Aisi 316
Minima Temperatura Min. Working Temperature	-10°C	Attacchi Connection	Aisi 316
Massima Pressione Max. Working Pressure	23 bar	Brasatura Brazing Material	Cu 99,95%

Collegamenti Standard Standard of Connection Location	Connessioni Connection Types
K1 / K4 - Ingresso/uscita caldo K1 / K4 - Inlet/Outlet Hot Side	G 2" Maschio External Thread G 2"
K2 / K3 - Ingresso/uscita freddo K2 / K3 - Inlet/Outlet Cold Side	G 2" Maschio External Thread G 2"

A richiesta connessioni speciali  
Special connections on request

N° Piastre Plate No.	A (mm)	Peso ( Kg ) Weight ( Kg )	Capacità per circuito It Channel Volume
20	58	17	1.62
30	82	21	2.43
40	106	25	3.24
50	130	29	4.05
60	154	33	4.86
70	178	37	5.67
80	202	41	6.48
90	226	45	7.29
100	250	49	8.1
110	274	53	8.91
120	298	57	9.72
130	322	61	10.53
140	346	65	11.34
150	370	69	12.15



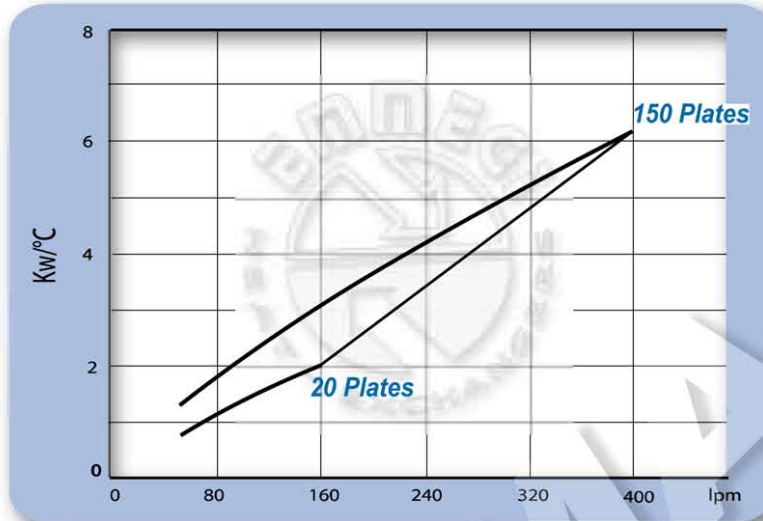
# PB110



# PB170

## Dimensioni *Dimensions*

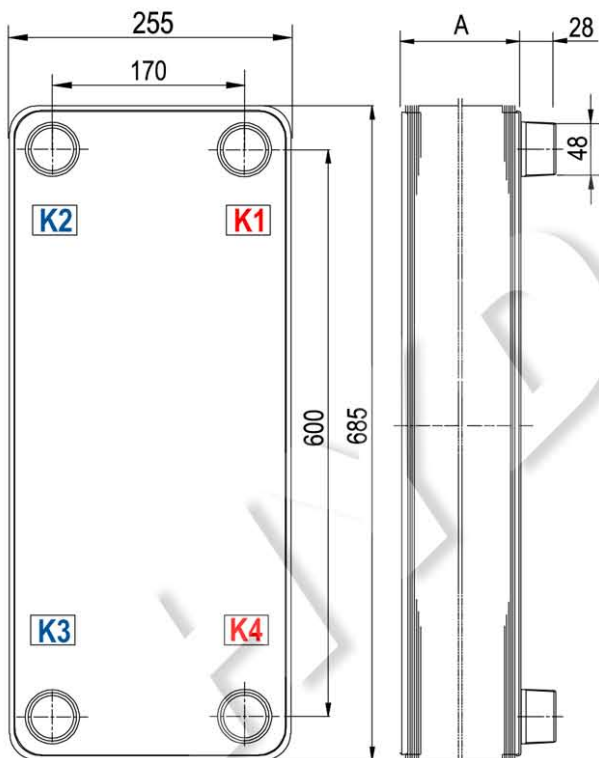
## Diagramma rendimento *Performance diagram - ISO VG46 @50°C*



Rapporto portata olio/acqua 2:1 - flow ratio 2:1

Per informazioni inerenti la perdita di carico contattare l' UTEC EMMEGI.  
For pressure drop information please contact EMMEGI's technical department.

# PB170



Condizioni di esercizio Working Conditions		Materiali Utilizzati Materials	
Massima Temperatura Max. Working Temperature	230°C	Piastre Plate	Aisi 316
Minima Temperatura Min. Working Temperature	-10°C	Attacchi Connection	Aisi 316
Massima Pressione Max. Working Pressure	23 bar	Brasatura Brazing Material	Cu 99,95%

Collegamenti Stadard Standard of Connection Location	Connessioni Connection Types
K1 / K4 - Ingresso/uscita caldo K1 / K4 - Inlet/Outlet Hot Side	G 2" Maschio External Thread G 2"
K2 / K3 - Ingresso/uscita freddo K2 / K3 - Inlet/Outlet Cold Side	G 2" Maschio External Thread G 2"
A richiesta connessioni speciali Special connections on request	

N° Piastre Plate No.	A (mm)	Peso ( Kg ) Weight ( Kg )	Capacità per circuito lt Channel Volume
20	58	17.35	2.55
30	82	23.10	3.83
40	106	28.85	5.10
50	130	34.60	6.38
60	154	40.35	7.65
70	178	46.10	8.93
80	202	51.85	10.20
90	226	57.60	11.48
100	250	63.35	12.75
110	274	69.10	14.03
120	298	74.85	15.30
130	322	80.60	16.58
140	346	86.35	17.85
150	370	92.10	19.13

