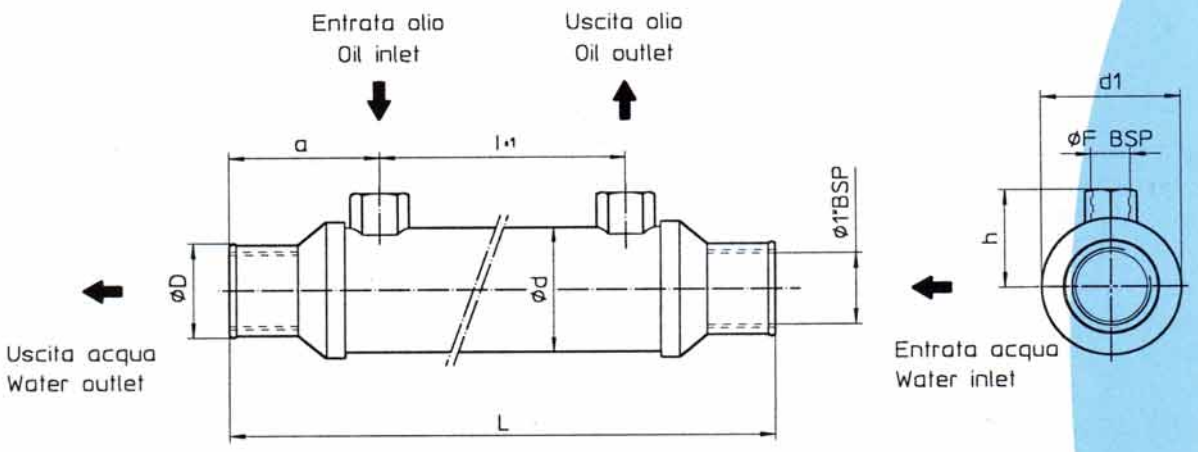
Scambiatori acqua–olio serie MG 54
Water–oil heat exchangers series MG 54

Con circuito acqua a un passaggio. One way water circuit

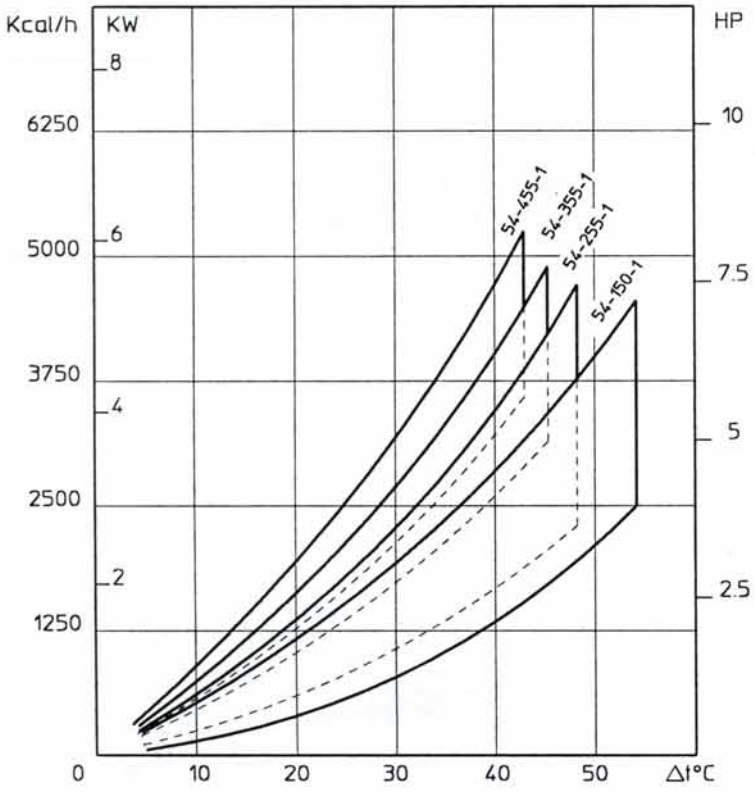


Le dimensioni e le caratteristiche tecniche non sono impegnative. Over-all dimension and technical characteristics are not binding.

TIPO TYPE	TUBI TUBES	PIASTRA TUBIERA TUBES SHEET	DEFLETTORI BAFFLES	FONDI COVERS	MANTELLO SHELL
SEA WATER	CuNi10Mn1Fe	CuZn37	CuZn37	CuZn40	CuZn37

TIPO TYPE	PORTATA OLIO OIL FLOW (lt/min)	HP DISSIPATI CON OLIO HP DISSIPATED WITH OIL -55°C H2O-20°C	CAPACITA' CONTENTS (lt)	Kg	Dimensioni - Over all dimension 1 Pass							
					øD	øF	l	L	a	ød	d1	h
MG 54-150-1	10-40	1.5-4	0.26	1.3	38.5	3/8"	150	280	65	54	58	42
MG 54-255-1	10-50	2-4.5	0.4	1.8	38.5	3/8"	255	385	65	54	58	42
MG 54-355-1	10-50	3.5-5.5	0.5	2.3	38.5	3/8"	355	485	65	54	58	42
MG 54-455-1	10-50	4-6.5	0.6	2.7	38.5	3/8"	455	585	65	54	58	42

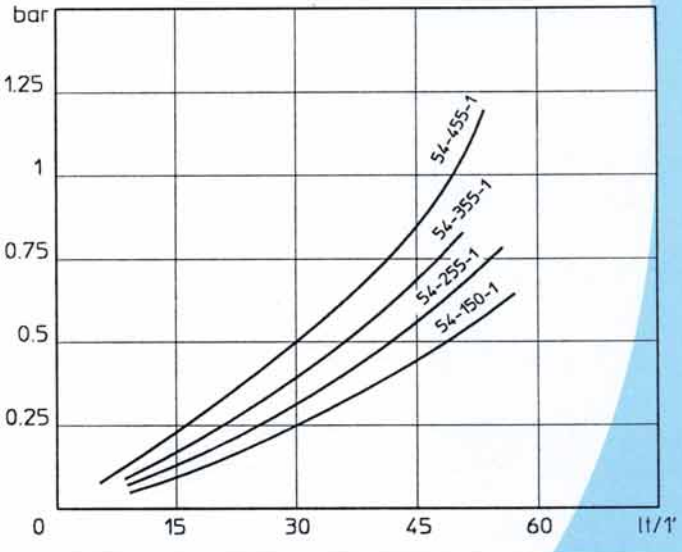
DIAGRAMMA RENDIMENTO
Alla portata massima e minima indicata in tabella
PERFORMANCE DIAGRAM
At the maximum and minimum flow stated in schedule



FATTORE DI CORREZIONE (F)–PERDITE DI CARICO
CORRECTION FACTOR (F)–PRESSURE DROP

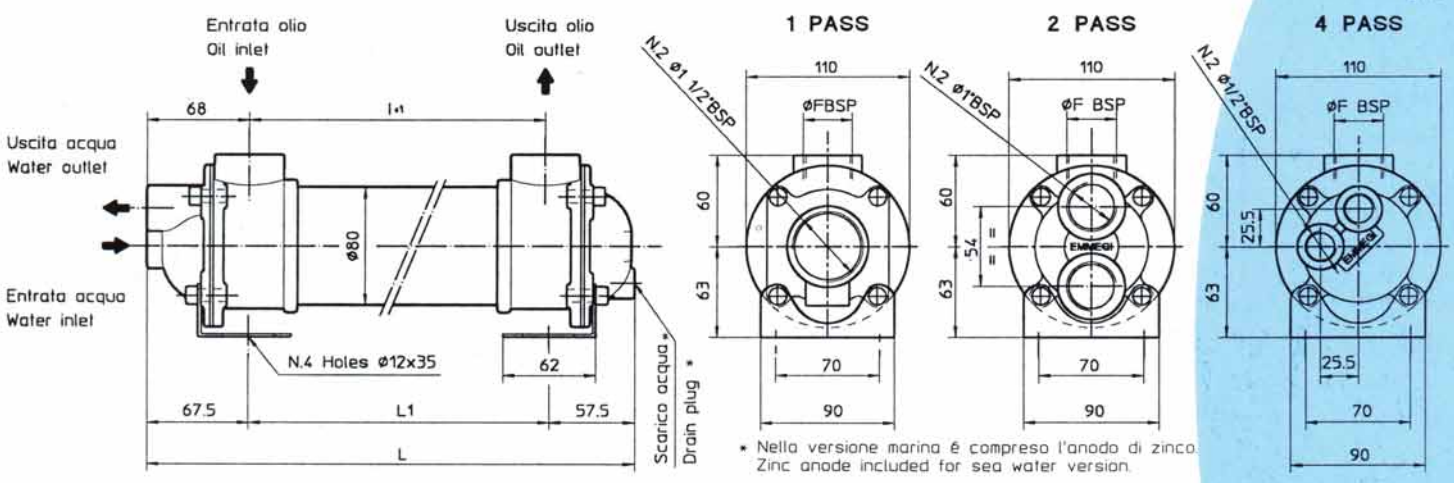
CST	10	15	20	30	40	50	60	80	100	200	300
F	0.5	0.65	0.77	1	1.2	1.4	1.6	1.9	2.1	3.3	4.3

PERDITE DI CARICO (32 cst)
PRESSURE DROP (32 cst)



Scambiatori acqua–olio serie MG 80
Water–oil heat exchangers series MG 80

Con circuito acqua ispezionabile a uno-due-quattro passaggi. One-two-four ways controllable water circuit



* Nella versione marina è compreso l'anodo di zinco.
Zinc anode included for sea water version.

Le dimensioni e le caratteristiche tecniche non sono impegnative. Over-all dimension and technical characteristics are not binding.

TIPO TYPE	TUBI TUBES	PIASTRA TUBIERA TUBES SHEET	DEFLETTORI BAFFLES	FONDI COVERS	MANTELLO SHELL	GUARNIZIONI SEAL
STANDARD	CuDHP	CuZn40	CuZn37	CuZn40	Fe510.2	Rubber-cork
SEA WATER	CuNi10Mn1Fe	CuZn40	CuZn37	CuZn40	Fe510.2	Rubber-cork

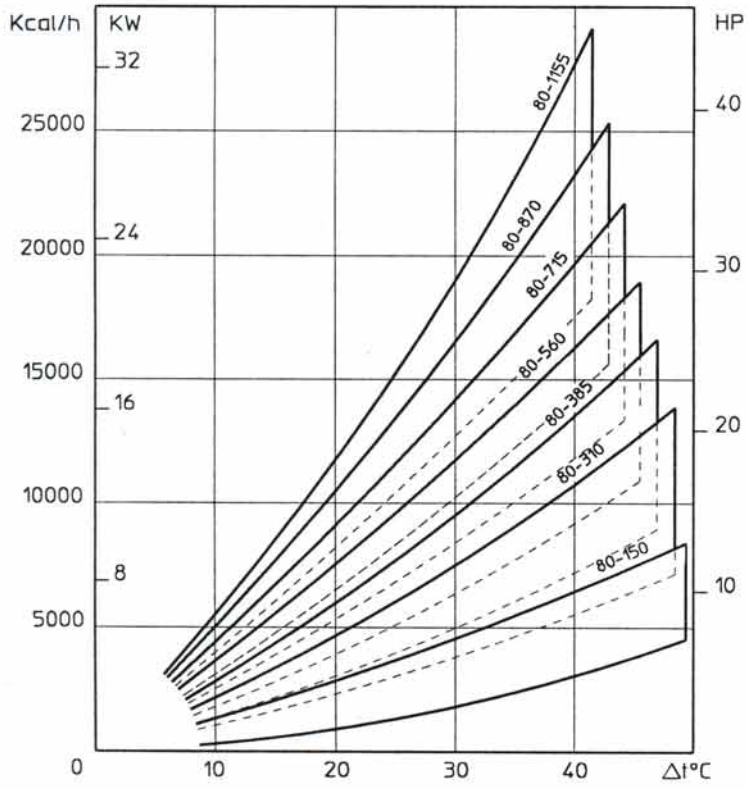
TIPO TYPE	PORTATA OLIO OIL FLOW (lt/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL -55°C H2O-20°C	CAPACITA' CONTENTS (lt)	Kg	Dimensioni - Over all dimension											
					1 Pass				2 Pass				4 Pass			
					øF	I	L	L1	øF	I	L	L1	øF	I	L	L1
MG 80-150-..	25-75	4-8	0.65	4.5	1"	150	320	148	1"	150	275	148	1"	150	273	148
MG 80-310-..	25-80	7-14	1.1	5.7	1"	310	480	308	1"	310	435	308	1"	310	435	308
MG 80-385-..	25-80	9-17	1.3	6	1"	385	555	383	1"	385	510	383	1"	385	510	383
MG 80-560-..	25-80	12-20	1.9	7.5	1"	560	730	558	1"	560	785	558	1"	560	685	558
MG 80-715-..	35-120	15-24	2.3	8	1"	715	885	713	1"	715	840	713	1"	715	840	713
MG 80-870-..	40-130	18-29	2.8	10	1"	870	1040	868	1"	870	995	868	1"	870	995	868
MG 80-1155-..	40-130	22-36	3.7	13.5	1"	1155	1325	1153	1"	1155	1280	1153	1"	1155	1280	1153

DIAGRAMMA RENDIMENTO

Alla portata massima e minima indicata in tabella

PERFORMANCE DIAGRAM

At the maximum and minimum flow stated in schedule



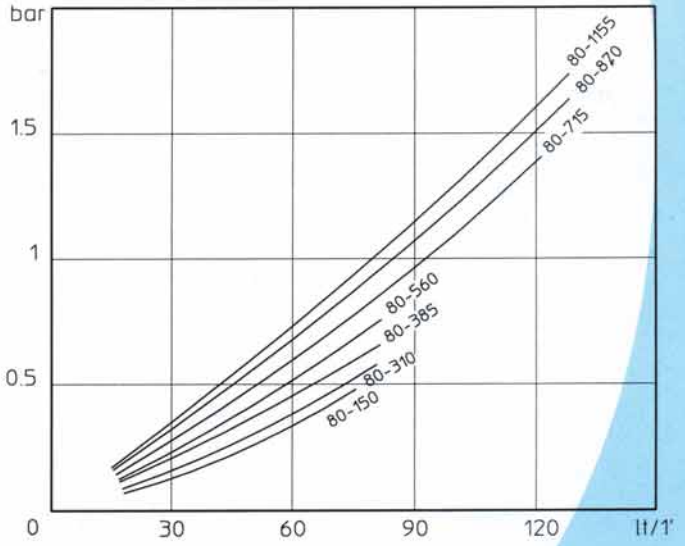
FATTORE DI CORREZIONE (F)–PERDITE DI CARICO

CORRECTION FACTOR (F)–PRESSURE DROP

CST	10	15	20	30	40	50	60	80	100	200	300
F	0.5	0.65	0.77	1	1.2	1.4	1.6	1.9	2.1	3.3	4.3

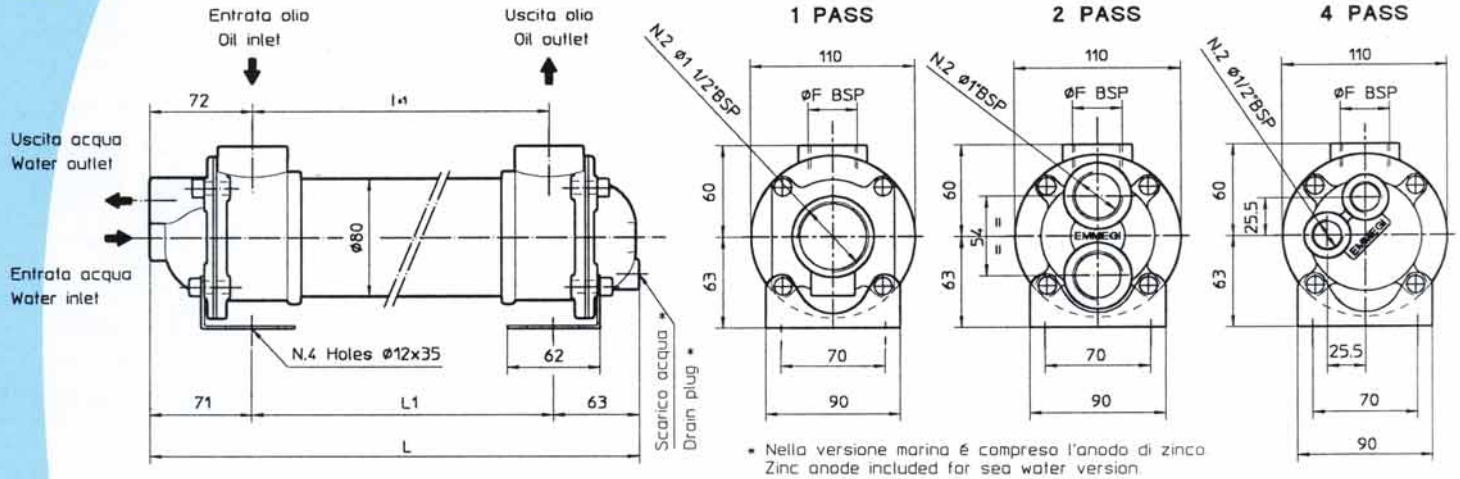
PERDITE DI CARICO (32 cst)

PRESSURE DROP (32 cst)



Scambiatori acqua–olio serie MG 81
Water–oil heat exchangers series MG 81

Con circuito acqua ispezionabile a uno-due-quattro passaggi. One-two-four ways controllable water circuit



Le dimensioni e le caratteristiche non sono impegnative. Over-all dimension and technical characteristics are not binding.

TIPO TYPE	TUBI TUBES	PIASTRA TUBIERA TUBES SHEET	DEFLETTORI BAFFLES	FONDI COVERS	MANTELLO SHELL	GUARNIZIONI SEALS
STANDARD	CuDHP	CuZn40	CuZn37	CuZn40	Fe510.2	Rubber-cork
SEA WATER	CuNi10Mn1Fe	CuZn40	CuZn37	CuZn40	Fe510.2	Rubber-cork

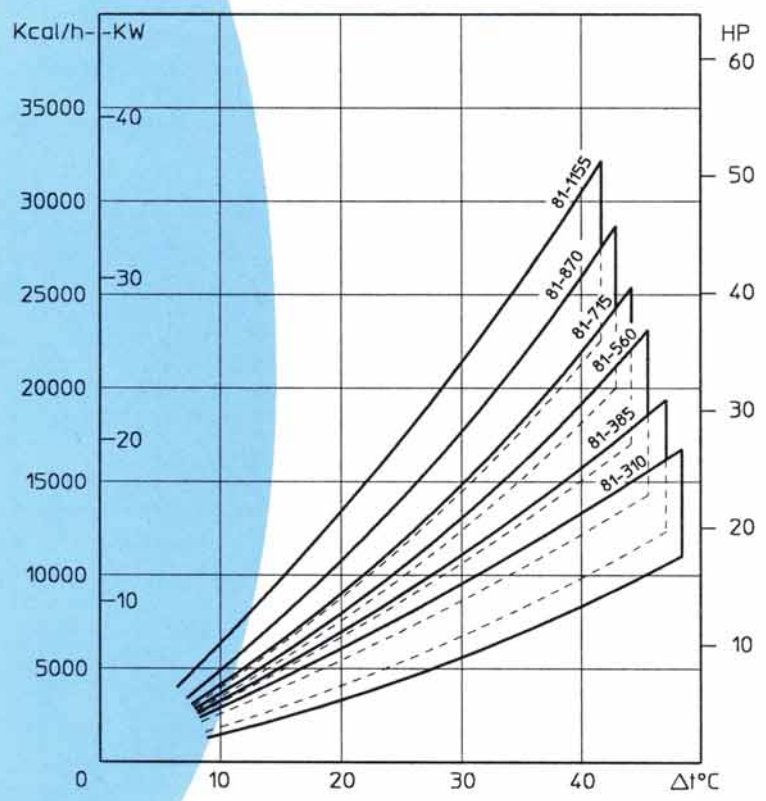
TIPO TYPE	PORTATA OLIO OIL FLOW (lt/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL =55°C H2O=20°C	CAPACITA' CONTENTS (lt)	Kg	Dimensioni - Over all dimension											
					1 Pass				2 Pass				4 Pass			
					øF	I	L	L1	øF	I	L	L1	øF	I	L	L1
MG 81-310-..	50-120	11-18	1.2	5.7	1 1/2"	310	509	308	1 1/2"	310	448	308	1 1/2"	310	442	308
MG 81-385-..	50-120	13-21	1.4	6	1 1/2"	385	584	383	1 1/2"	385	523	383	1 1/2"	385	517	383
MG 81-560-..	60-150	16-25	2	7.5	1 1/2"	560	759	558	1 1/2"	560	698	558	1 1/2"	560	692	558
MG 81-715-..	75-180	20-29	2.4	8	1 1/2"	715	914	713	1 1/2"	715	853	713	1 1/2"	715	847	713
MG 81-870-..	75-180	24-34	2.9	10	1 1/2"	870	1069	868	1 1/2"	870	1008	868	1 1/2"	870	1002	868
MG 81-1155-..	75-180	29-40	3.8	13.5	1 1/2"	1155	1354	1153	1 1/2"	1155	1293	1153	1 1/2"	1155	1287	1153

DIAGRAMMA RENDIMENTO

Alla portata massima e minima indicata in tabella

PERFORMANCE DIAGRAM

At the maximum and minimum flow stated in schedule



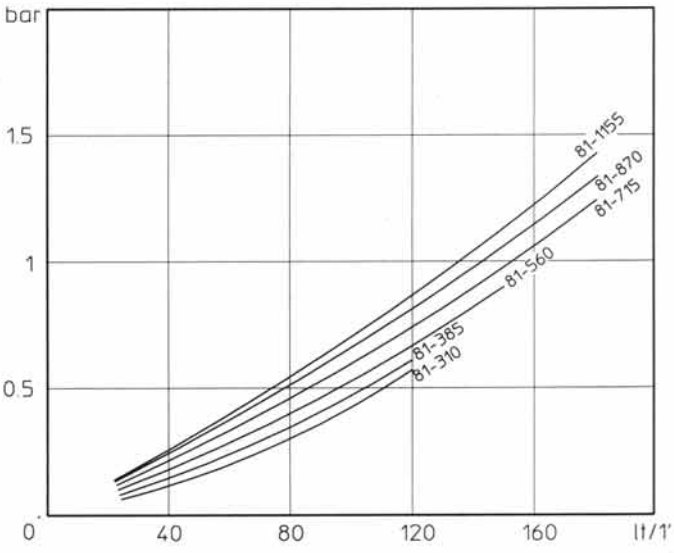
FATTORE DI CORREZIONE (F)–PERDITE DI CARICO

CORRECTION FACTOR (F)–PRESSURE DROP

CST	10	15	20	30	40	50	60	80	100	200	300
F	0.5	0.65	0.77	1	1.2	1.4	1.6	1.9	2.1	3.3	4.3

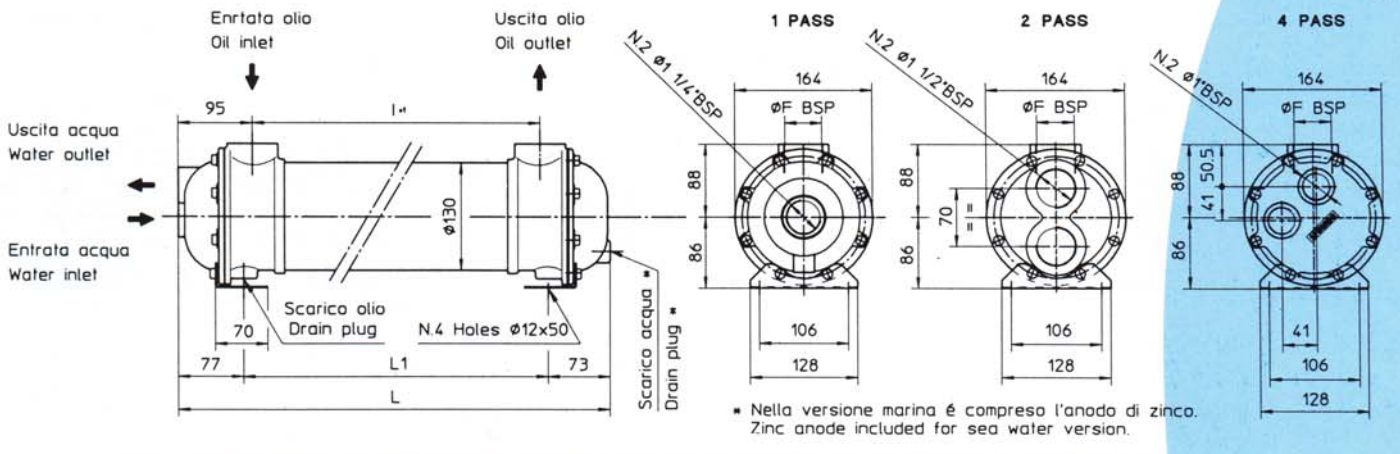
PERDITE DI CARICO (32 cst)

PRESSURE DROP (32 cst)



Scambiatori acqua–olio serie MG 130
Water–oil heat exchangers series MG 130

Con circuito acqua ispezionabile a uno-due-quattro passaggi. One-two-four ways controllable water circuit



* Nella versione marina é compreso l'anodo di zinco.
Zinc anode included for sea water version.

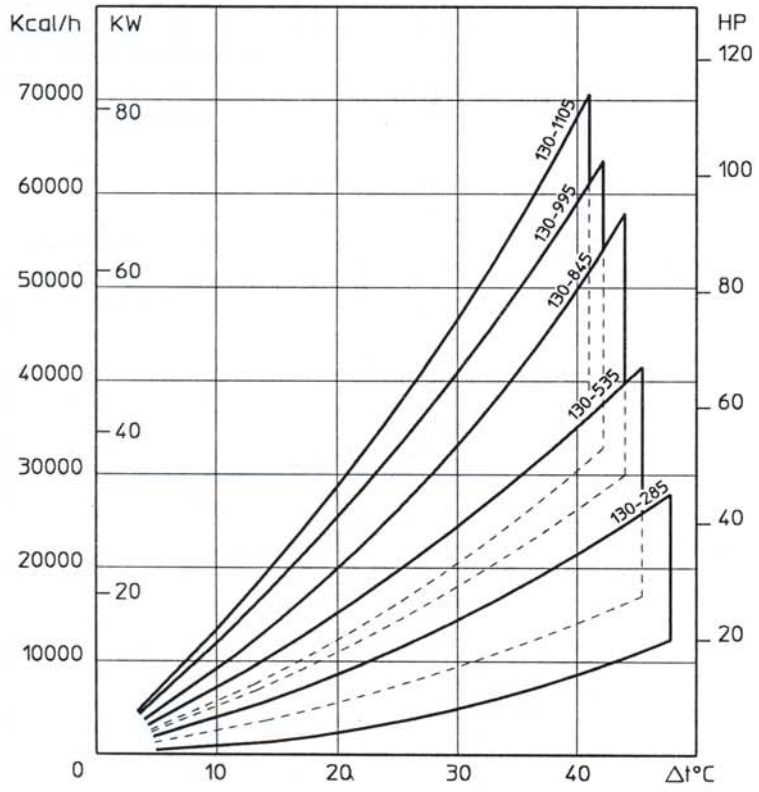
Le dimensioni e le caratteristiche non sono impegnative. Over-all dimension and technical characteristics are not binding.

TIPO TYPE	TUBI TUBES	PIASTRA TUBIERA TUBES SHEET	DEFLETTORI BAFFLES	FONDI COVERS	MANTELLO SHELL	GUARNIZIONI SEALS
STANDARD	CuDHP	CuZn40	CuZn37	CuZn40	Fe510.2	Rubber-cork
SEA WATER	CuNi10Mn1Fe	CuZn40	CuZn37	CuZn40	Fe510.2	Rubber-cork

TIPO TYPE	PORTATA OLIO OIL FLOW (lt/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL -55°C H2O-20°C	CAPACITA' CONTENTS (lt)	Kg	Dimensioni - Over all dimension											
					1 Pass				2 Pass				4 Pass			
					øF	I	L	L1	øF	I	L	L1	øF	I	L	L1
MG 130-285-..	60-160	12-30	3	16	1 1/2"	285	473	300	1 1/2"	285	449	305	1 1/2"	285	450	300
MG 130-535-..	80-200	18-48	5.2	22	1 1/2"	535	723	550	1 1/2"	535	699	555	1 1/2"	535	700	550
MG 130-845-..	120-280	35-68	7.9	28	1 1/2"	845	1033	860	1 1/2"	845	1009	865	1 1/2"	845	1010	860
MG 130-995-..	120-280	41-78	9.2	32	1 1/2"	995	1159	1010	1 1/2"	995	1159	1005	1 1/2"	995	1160	1010
MG 130-1105-..	120-280	50-90	10	35	1 1/2"	1105	1293	1120	1 1/2"	1105	1269	1115	1 1/2"	1105	1270	1120

DIAGRAMMA RENDIMENTO
Alla portata massima e minima indicata in tabella

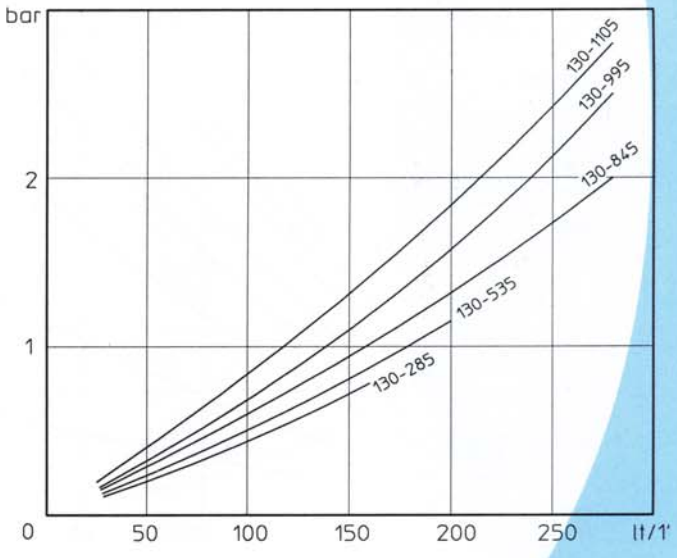
PERFORMANCE DIAGRAM
At the maximum and minimum flow stated in schedule



FATTORE DI CORREZIONE (F)–PERDITE DI CARICO
CORRECTION FACTOR (F)–PRESSURE DROP

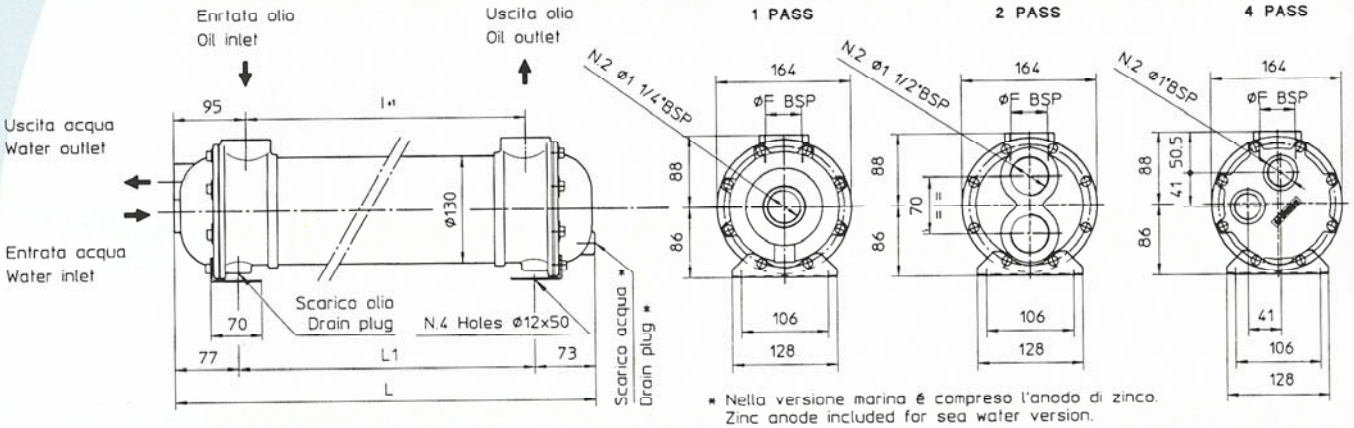
CST	10	15	20	30	40	50	60	80	100	200	300
F	0.5	0.65	0.77	1	1.2	1.4	1.6	1.9	2.1	3.3	4.3

PERDITE DI CARICO (32 cst)
PRESSURE DROP (32 cst)



Scambiatori acqua–olio serie MG 131
Water–oil heat exchangers series MG 131

Con circuito acqua ispezionabile a uno-due-quattro passaggi. One-two-four ways controllable water circuit



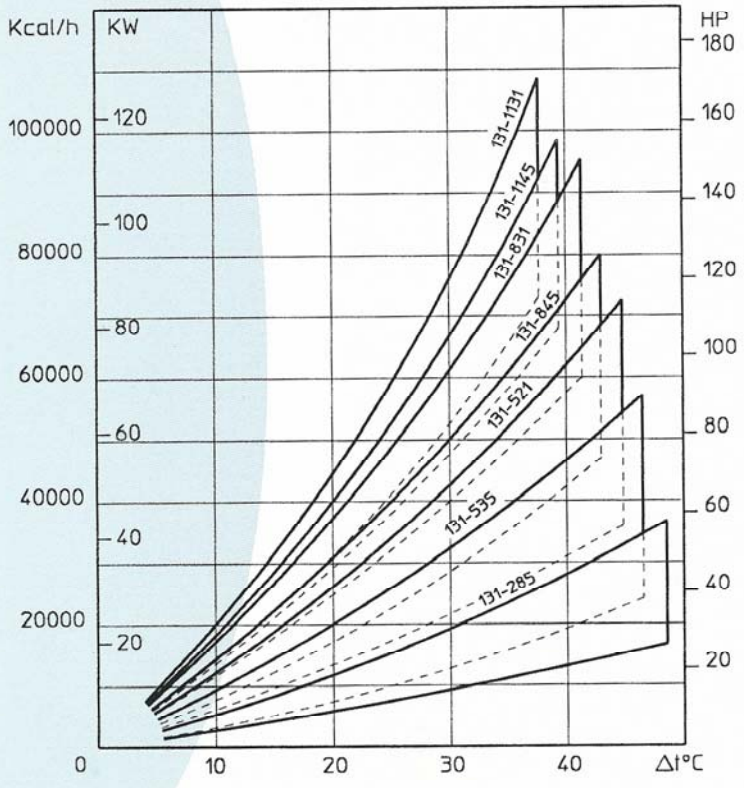
* Nella versione marina è compreso l'anodo di zinco.
Zinc anode included for sea water version.

Le dimensioni e le caratteristiche non sono impegnative. Over-all dimension and technical characteristics are not binding.

TIPO TYPE	TUBI TUBES	PIASTRA TUBIERA TUBES SHEET	DEFLETTORI BAFFLES	FONDI COVERS	MANTELLO SHELL	GUARNIZIONI SEALS
STANDARD	CuDHP	CuZn40	CuZn37	CuZn40	Fe510.2	Rubber-cork
SEA WATER	CuNi10Mn1Fe	CuZn40	CuZn37	CuZn40	Fe510.2	Rubber-cork

TIPO TYPE	PORTATA OLIO OIL FLOW (lt/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL -55°C H20-20°C	CAPACITA' CONTENTS (lt)	Kg	Dimensioni - Over all dimension											
					1 Pass				2 Pass				4 Pass			
					øF	I	L	L1	øF	I	L	L1	øF	I	L	L1
MG 131-285-..	50-140	17-38	2.7	17	1 1/2"	285	473	300	1 1/2"	285	449	305	1 1/2"	285	460	310
MG 131-535-..	80-200	24-63	4.5	23	1 1/2"	535	723	550	1 1/2"	535	699	555	1 1/2"	535	685	555
MG 131-521-..	120-280	40-82	4.6	23	2"	521	726	553	2"	521	685	541	2"	521	690	546
MG 131-845-..	100-250	56-96	6.9	29	1 1/2"	845	1033	860	1 1/2"	845	1009	865	1 1/2"	845	1020	870
MG 131-831-..	160-400	77-120	7	29	2"	831	1036	863	2"	831	995	851	2"	831	1006	856
MG 131-1145-..	120-280	85-132	8	36	1 1/2"	1145	1333	1160	1 1/2"	1145	1309	1165	1 1/2"	1145	1327	1170
MG 131-1131-..	160-420	102-153	8.1	36	2"	1131	1336	1163	2"	1131	1295	1151	2"	1131	1313	1156

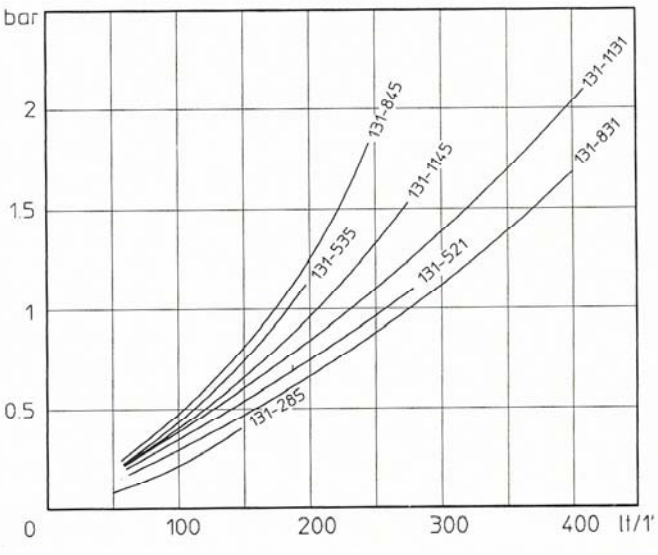
DIAGRAMMA RENDIMENTO
Alla portata massima e minima indicata in tabella
PERFORMANCE DIAGRAM
At the maximum and minimum flow stated in schedule



FATTORE DI CORREZIONE (F)–PERDITE DI CARICO
CORRECTION FACTOR (F)–PRESSURE DROP

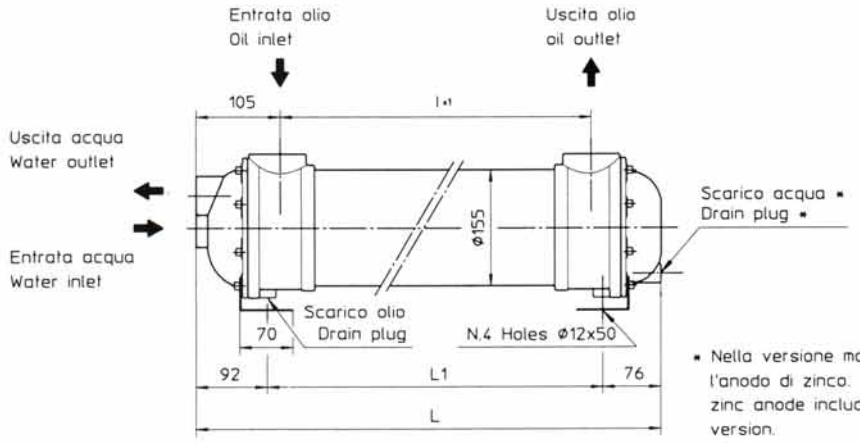
CST	10	15	20	30	40	50	60	80	100	200	300
F	0.5	0.65	0.77	1	1.2	1.4	1.6	1.9	2.1	3.3	4.3

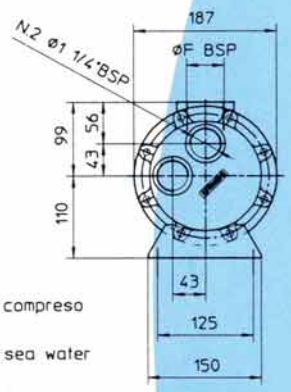
PERDITE DI CARICO (32 cst)
PRESSURE DROP (32 cst)



Scambiatori acqua–olio serie MG 155
Water–oil heat exchangers series MG 155

Con circuito acqua ispezionabile a quattro passaggi. Four ways controllable water circuit





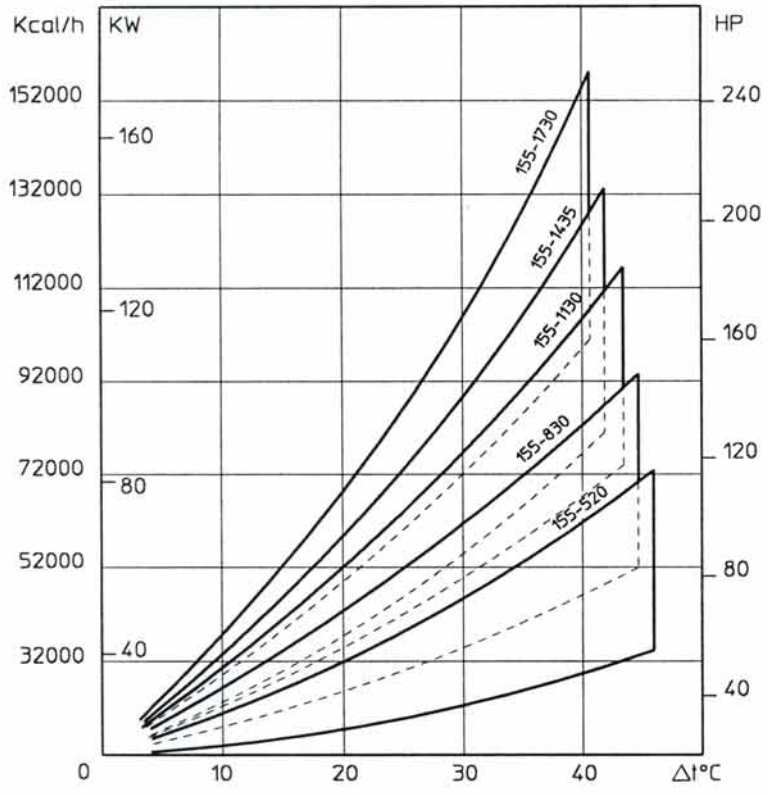
* Nella versione marina è compreso l'anodo di zinco.
zinc anode included for sea water version.

Le dimensioni e le caratteristiche non sono impegnative. Over-all dimension and technical characteristics are not binding.

TIPO TYPE	TUBI TUBES	PIASTRA TUBIERA TUBES SHEET	DEFLETTORI BAFFLES	FONDI COVERS	MANTELLO SHELL	GUARNIZIONI SEALS
STANDARD	CuDHP	CuZn40	CuZn37	CuZn40	Fe510.2	Rubber-cork
SEA WATER	CuNi10Mn1Fe	CuZn40	CuZn37	CuZn40	Fe510.2	Rubber-cork

TIPO TYPE	PORTATA OLIO OIL FLOW (lt/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL -55°C H2O-20°C	CAPACITA' CONTENTS (lt)	Kg	Dimensioni - Over all dimension 4 Pass			
					øF	l	L	L1
MG 155-520-4	120-300	55-120	6.4	35	2"	520	722	554
MG 155-830-4	140-380	95-155	9.6	43	2"	830	1032	864
MG 155-1130-4	160-420	115-185	12.8	51	2"	1130	1332	1164
MG 155-1435-4	180-450	135-235	16	58	2"	1435	1637	1469
MG 155-1730-4	180-450	160-250	19	66	2"	1730	1932	1764

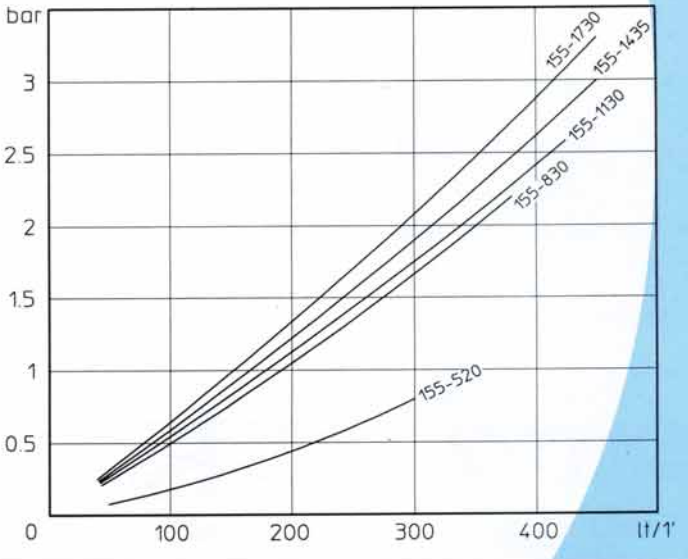
DIAGRAMMA RENDIMENTO
Alla portata massima e minima indicata in tabella
PERFORMANCE DIAGRAM
At the maximum and minimum flow stated in schedule



FATTORE DI CORREZIONE (F)–PERDITE DI CARICO
CORRECTION FACTOR (F)–PRESSURE DROP

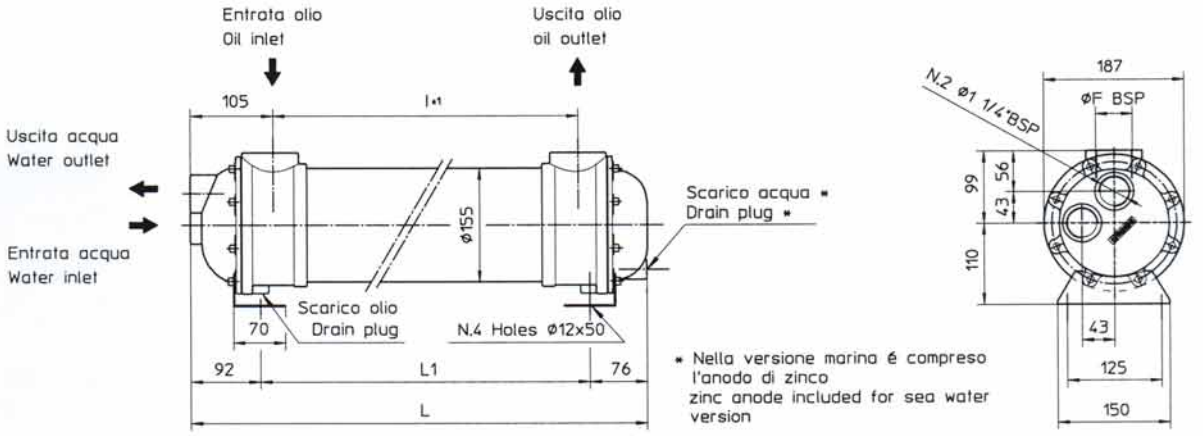
CST	10	15	20	30	40	50	60	80	100	200	300
F	0.5	0.65	0.77	1	1.2	1.4	1.6	1.9	2.1	3.3	4.3

PERDITE DI CARICO (32 cst)
PRESSURE DROP (32 cst)



Scambiatori acqua–olio serie MG 157
Water–oil heat exchangers series MG 157

Con circuito acqua ispezionabile a quattro passaggi. Four ways controllable water circuit

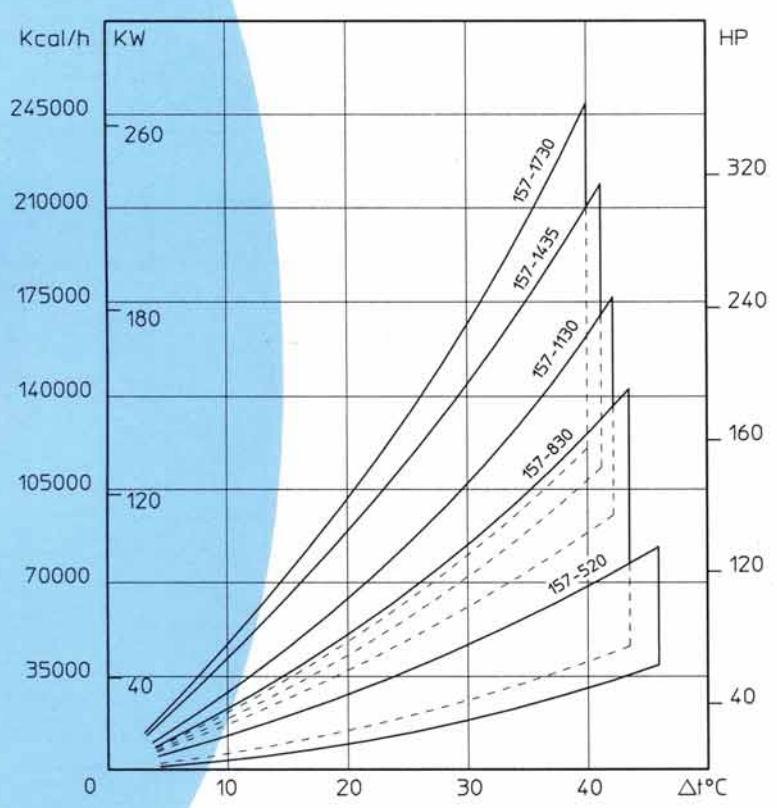


Le dimensioni e le caratteristiche non sono impegnative. Over-all dimension and technical characteristics are not binding.

TIPO TYPE	TUBI TUBES	PIASTRA TUBIERA TUBES SHEET	DEFLETTORI BAFFLES	FONDI COVERS	MANTELLO SHELL	GUARNIZIONI SEALS
STANDARD	CuDHP	CuZn40	CuZn37	CuZn40	Fe510.2	Rubber-cork
SEA WATER	CuNi30Mn1Fe	CuZn40	CuZn37	CuZn40	Fe510.2	Rubber-cork

TIPO TYPE	PORTATA OLIO OIL FLOW (lt/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL =55°C H2O=20°C	CAPACITA' CONTENTS (lt)	Kg	Dimensioni - Over all dimension 4 Pass			
					øF	I	L	L1
MG 157-520-4	120-300	35-92	5.5	40	2"	520	722	554
MG 157-830-4	140-380	54-166	8.4	50	2"	830	1032	864
MG 157-1130-4	160-420	110-215	11.3	59	2"	1130	1332	1164
MG 157-1435-4	180-450	140-280	14.1	66	2"	1435	1637	1469
MG 157-1730-4	180-450	155-315	17	76	2"	1730	1932	1764

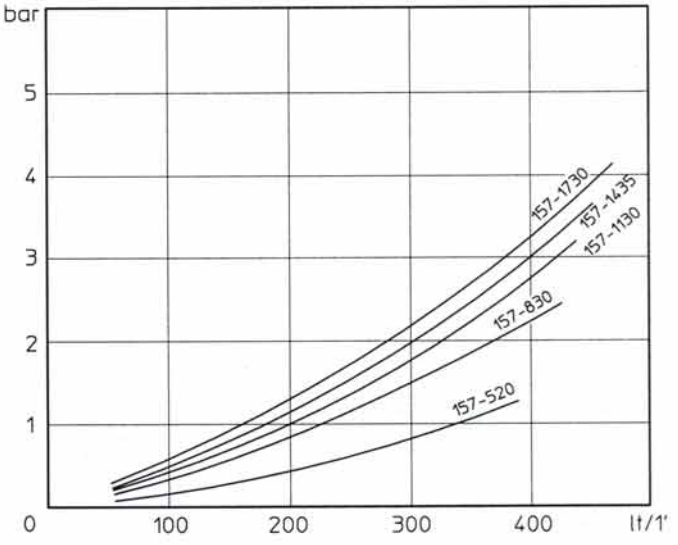
DIAGRAMMA RENDIMENTO
Alla portata massima e minima indicata in tabella
PERFORMANCE DIAGRAM
At the maximum and minimum flow stated in schedule



FATTORE DI CORREZIONE (F)–PERDITE DI CARICO
CORRECTION FACTOR (F)–PRESSURE DROP

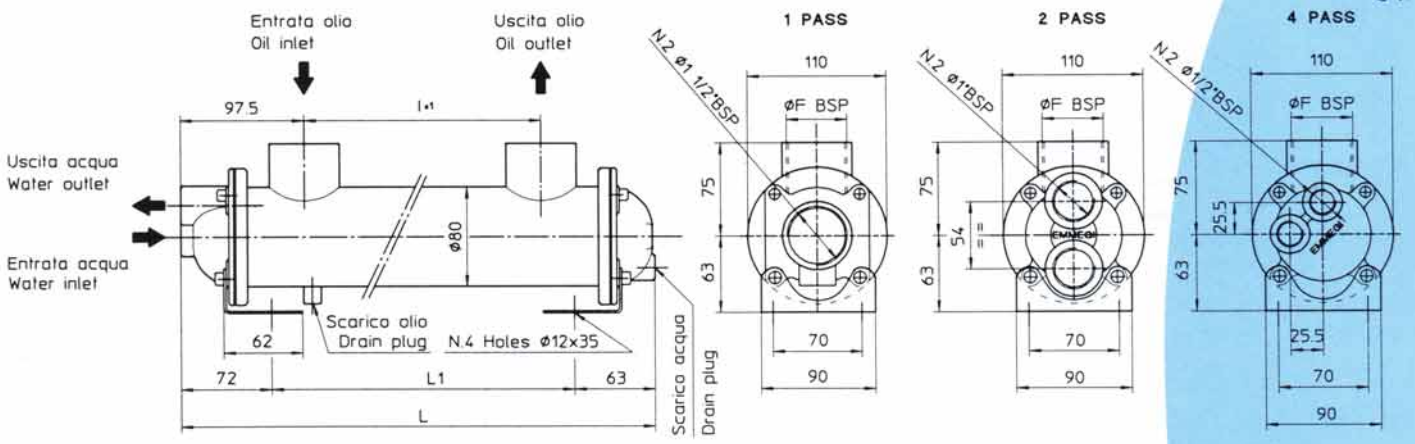
CST	10	15	20	30	40	50	60	80	100	200	300
F	0.5	0.65	0.77	1	1.2	1.4	1.6	1.9	2.1	3.3	4.3

PERDITE DI CARICO (32 cst)
PRESSURE DROP (32 cst)



Scambiatori acqua–olio serie MGB 80
Water–oil heat exchangers series MGB 80

Con circuito acqua ispezionabile a uno-due-quattro passaggi. One-two-four ways controllable water circuit

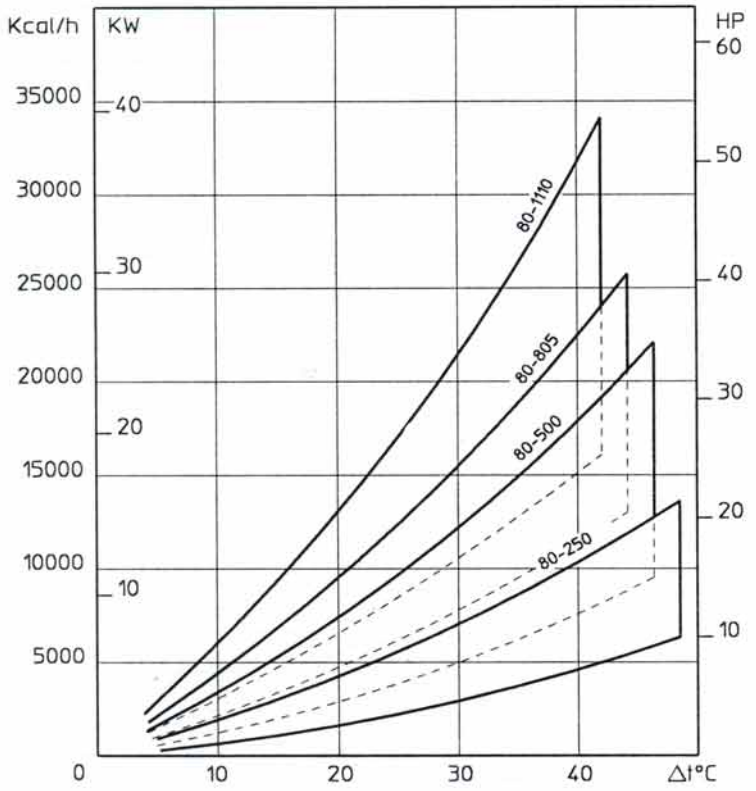


Le dimensioni e le caratteristiche non sono impegnative. Over-all dimension and technical characteristics are not binding.

TIPO TYPE	TUBI TUBES	PIASTRA TUBIERA TUBES SHEET	DEFLETTORI BAFFLES	FONDI COVERS	MANTELLO SHELL	GUARNIZIONI SEAL
STANDARD	CuDHP	C40	CuZn37	CuZn40	Fe510.2	Rubber-cork
AiSi	AiSi 304	AiSi 304	AiSi 304	CuZn40	AiSi 304	Graphite-kevlar

TIPO TYPE	PORTATA OLIO OIL FLOW (lt/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL -55°C H20-20°C	CAPACITA' CONTENTS (lt)	Kg	Dimensioni - Over all dimension											
					1 Pass				2 Pass				4 Pass			
					øF	I	L	L1	øF	I	L	L1	øF	I	L	L1
MGB 80-250-..	30-160	6-14	1.1	6	1 1/2"	250	516	325	1 1/2"	250	464	325	1 1/2"	250	464	325
MGB 80-500-..	40-180	10-24	2	9	1 1/2"	500	766	575	1 1/2"	500	714	575	1 1/2"	500	714	575
MGB 80-805-..	40-180	15-30	3	12	1 1/2"	805	1071	880	1 1/2"	805	1019	880	1 1/2"	805	1019	880
MGB 80-1110-..	50-200	20-42	4	15	1 1/2"	1110	1376	1185	1 1/2"	1110	1324	1185	1 1/2"	1110	1324	1185

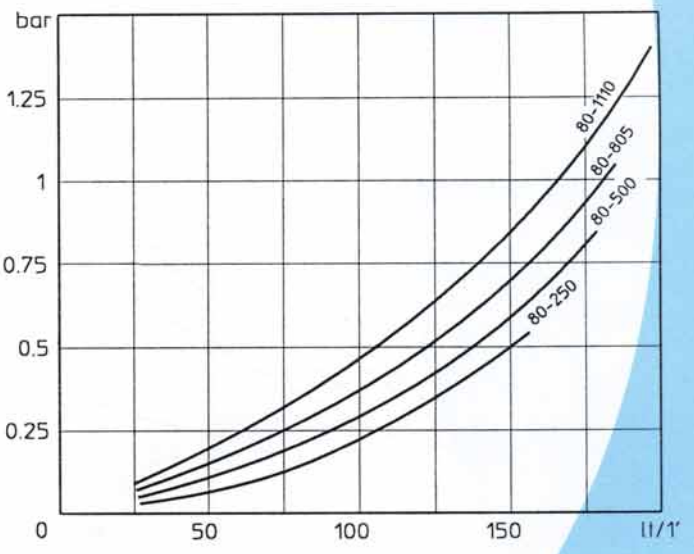
DIAGRAMMA RENDIMENTO
Alla portata massima e minima indicata in tabella
PERFORMANCE DIAGRAM
At the maximum and minimum flow stated in schedule



FATTORE DI CORREZIONE (F)–PERDITE DI CARICO
CORRECTION FACTOR (F)–PRESSURE DROP

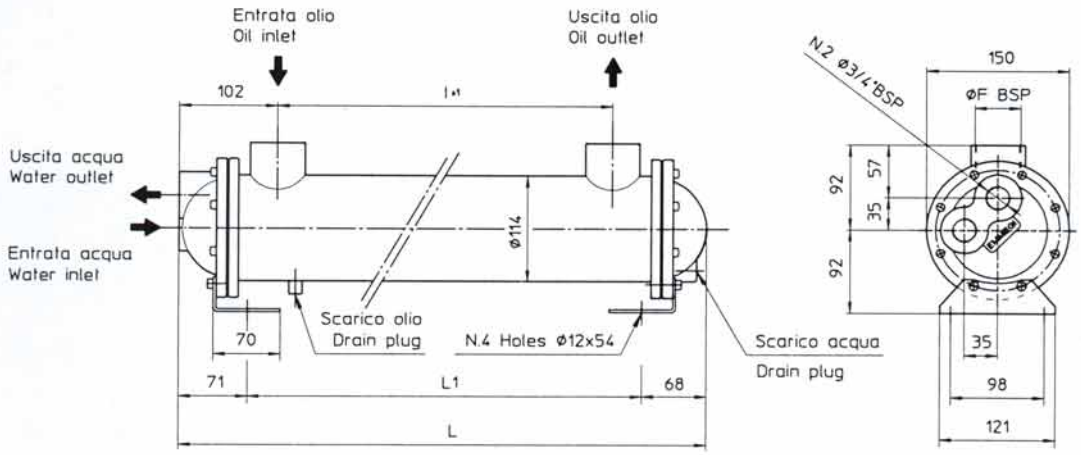
CST	10	15	20	30	40	50	60	80	100	200	300
F	0.5	0.65	0.77	1	1.2	1.4	1.6	1.9	2.1	3.3	4.3

PERDITE DI CARICO (32 cst)
PRESSURE DROP (32 cst)



Scambiatori acqua–olio serie MGB 114
Water–oil heat exchangers series MGB 114

Con circuito acqua ispezionabile a quattro passaggi. Four ways controllable water circuit

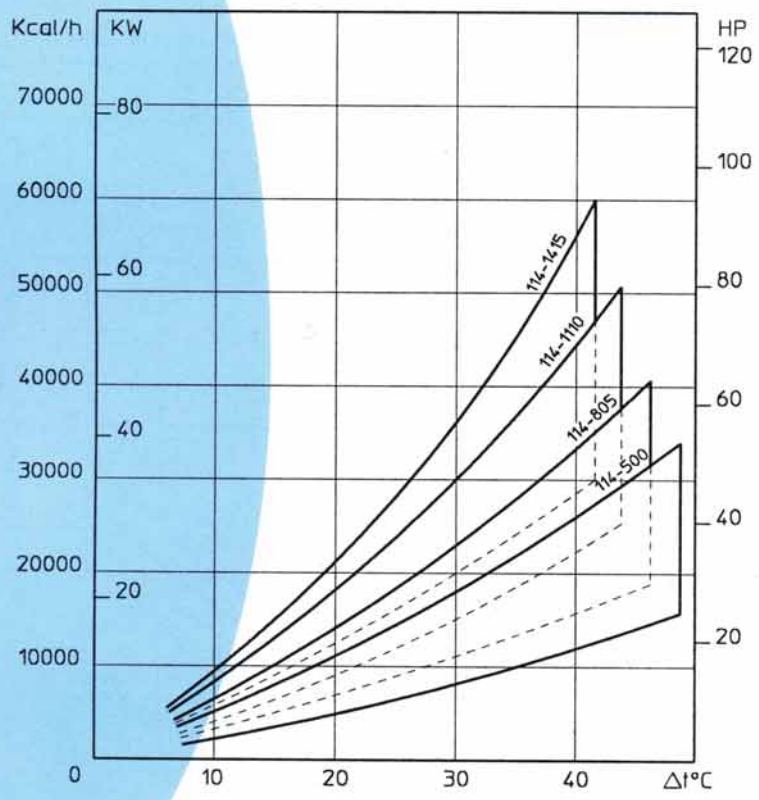


Le dimensioni e le caratteristiche non sono impegnative.Over-all dimension and technical characteristics are not binding

TIPO TYPE	TUBI TUBES	PIASTRA TUBIERA TUBES SHEET	DEFLETTORI BAFFLES	FONDI COVERS	MANTELLO SHELL	GUARNIZIONI SEALS
STANDARD	CuDHP	C40	CuZn37	G25	Fe510.2	OR 4437
AiSi	AiSi 304	AiSi 304	AiSi 304	G25	AiSi 304	OR 4437

TIPO TYPE	PORTATA OLIO OIL FLOW (lt/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL -55°C H2O=20°C	CAPACITA' CONTENTS (lt)	Kg	Dimensioni - Over all dimension 4 Pass			
					ØF	I	L	L1
MGB 114-500-4	50-220	16-35	3.5	17	1 1/2"	500	745	598
MGB 114-805-4	60-250	23-45	5	21	1 1/2"	805	1050	903
MGB 114-1110-4	60-250	30-60	6.7	25	1 1/2"	1110	1355	1208
MGB 114-1415-4	80-280	38-76	8.2	29	1 1/2"	1415	1660	1513

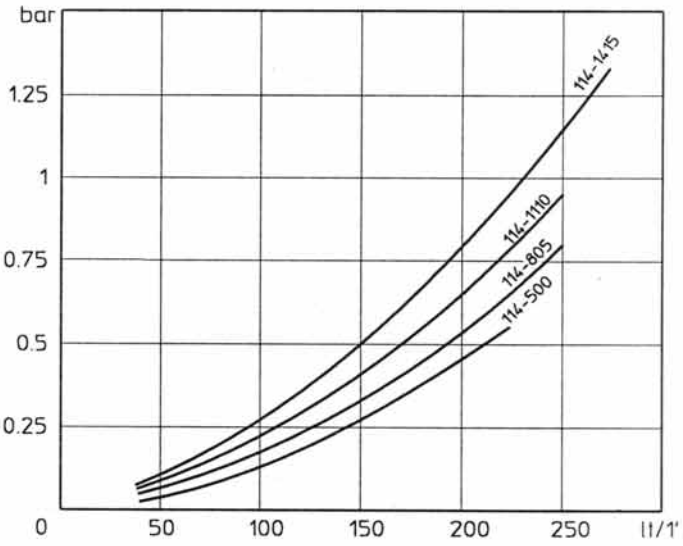
DIAGRAMMA RENDIMENTO
Alla portata massima e minima indicata in tabella
PERFORMANCE DIAGRAM
At the maximum and minimum flow stated in schedule



FATTORE DI CORREZIONE (F)–PERDITE DI CARICO
CORRECTION FACTOR (F)–PRESSURE DROP

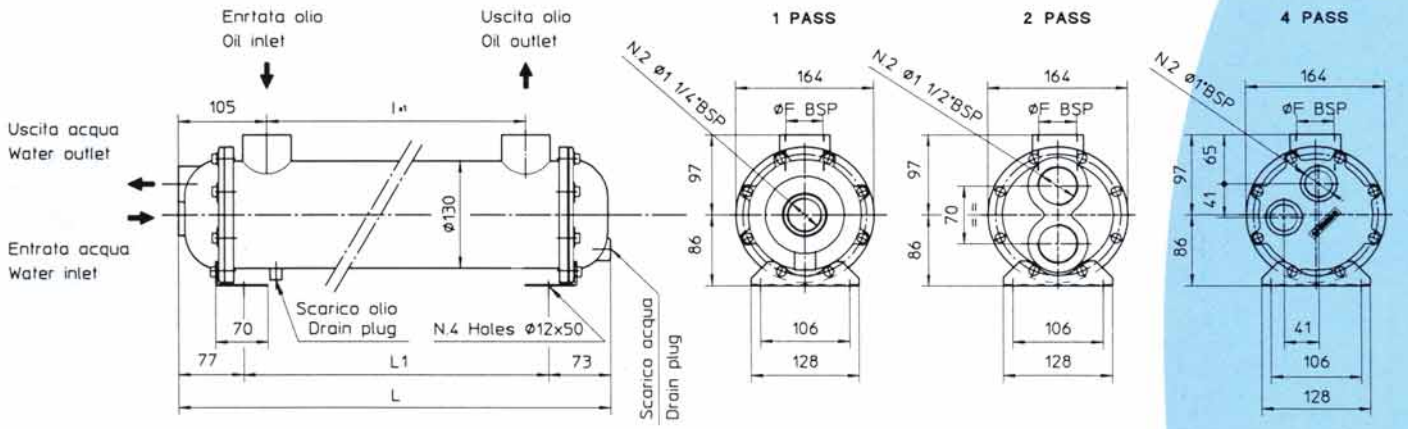
CST	10	15	20	30	40	50	60	80	100	200	300
F	0.5	0.65	0.77	1	1.2	1.4	1.6	1.9	2.1	3.3	4.3

PERDITE DI CARICO (32 cst)
PRESSURE DROP (32 cst)



Scambiatori acqua–olio serie MGB 130
Water–oil heat exchangers series MGB 130

Con circuito acqua ispezionabile a uno-due-quattro passaggi. One-two-four ways controllable water circuit.

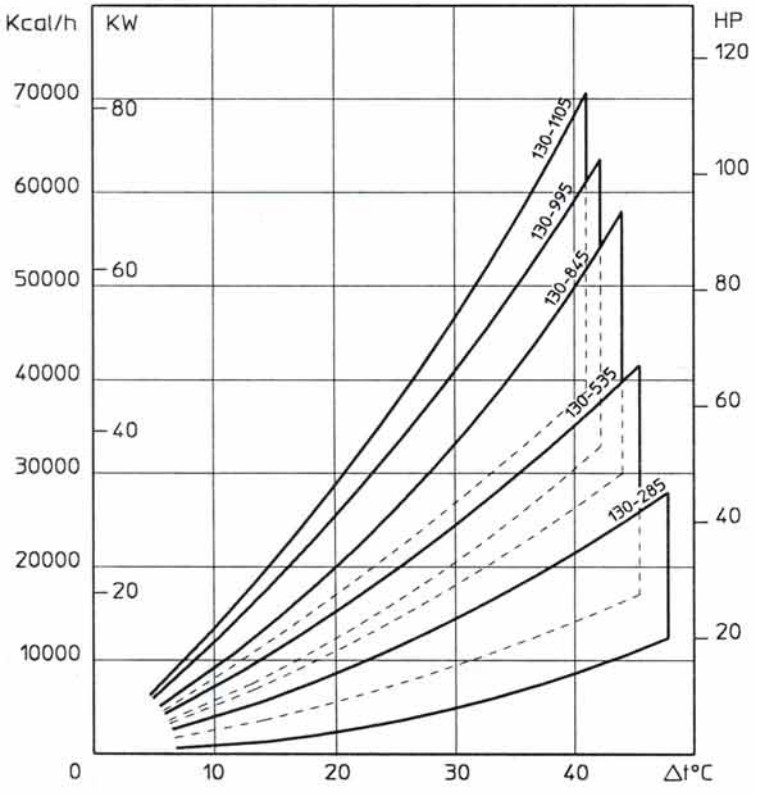


Le dimensioni e le caratteristiche non sono impegnative.Over-all dimension and technical characteristics are not binding.

TIPO TYPE	TUBI TUBES	PIASTRA TUBIERA TUBES SHEET	DEFLETTORI BAFFLES	FONDI COVERS	MANTELLO SHELL	GUARNIZIONI SEALS
STANDARD	CuDHP	C40	CuZn37	CuZn40	Fe510.2	Rubber-cork
AiSi	AiSi 304	AiSi 304	AiSi 304	CuZn40	AiSi 304	Graphite-kevlar

TIPO TYPE	PORTATA OLIO OIL FLOW (lt/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL =55°C H2O=20°C	CAPACITA' CONTENTS (lt)	Kg	Dimensioni - Over all dimension											
					1 Pass				2 Pass				4 Pass			
					øF	I	L	L1	øF	I	L	L1	øF	I	L	L1
MGB130-285-..	60-160	12-30	3	16	1 1/2"	285	563	377	1 1/2"	285	532	373	1 1/2"	285	529	371
MGB130-535-..	80-200	18-48	5.2	22	1 1/2"	535	808	622	1 1/2"	535	777	618	1 1/2"	535	774	616
MGB130-845-..	120-280	35-68	7.9	28	1 1/2"	845	1108	922	1 1/2"	845	1077	918	1 1/2"	845	1074	916
MGB130-995-..	120-280	41-78	9.2	32	1 1/2"	995	1239	1087	1 1/2"	995	1242	1083	1 1/2"	995	1239	1081
MGB130-1105-..	120-280	50-90	10	35	1 1/2"	1105	1383	1197	1 1/2"	1105	1352	1193	1 1/2"	1105	1349	1191

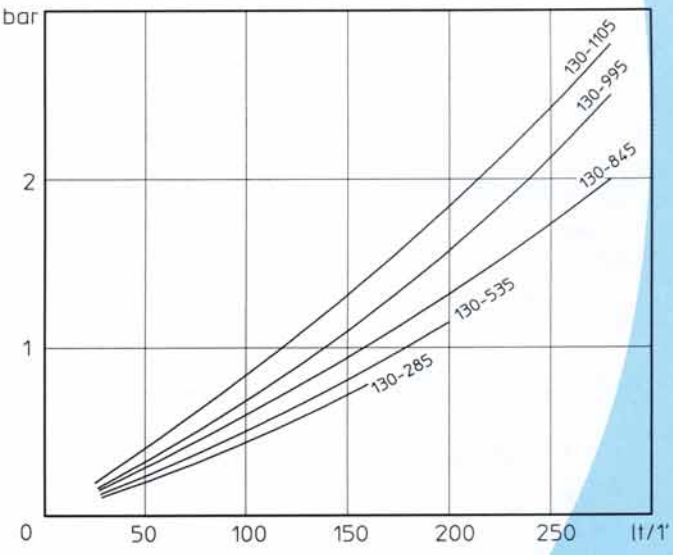
DIAGRAMMA RENDIMENTO
Alla portata massima e minima indicata in tabella
PERFORMANCE DIAGRAM
At the maximum and minimum flow stated in schedule



FATTORE DI CORREZIONE (F)–PERDITE DI CARICO
CORRECTION FACTOR (F)–PRESSURE DROP

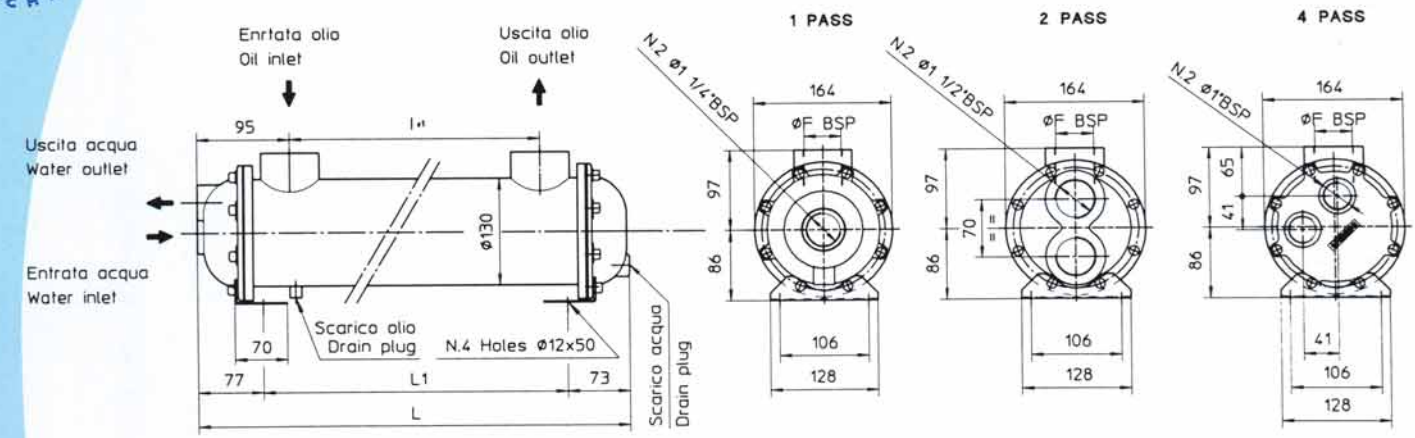
CST	10	15	20	30	40	50	60	80	100	200	300
F	0.5	0.65	0.77	1	1.2	1.4	1.6	1.9	2.1	3.3	4.3

PERDITE DI CARICO (32 cst)
PRESSURE DROP (32 cst)



Scambiatori acqua–olio serie MGB 131
Water–oil heat exchangers series MGB 131

Con circuito acqua ispezionabile a uno-due-quattro passaggi. One-two-four ways controllable water circuit



Le dimensioni e le caratteristiche non sono impegnative.Over-all dimension and technical characteristics are not binding.

TIPO TYPE	TUBI TUBES	PIASTRA TUBIERA TUBES SHEET	DEFLETTORI BAFFLES	FONDI COVERS	MANTELLO SHELL	GUARNIZIONI SEALS
STANDARD	CuDHP	C40	CuZn37	CuZn40	Fe510.2	Rubber-cork
AiSi	AiSi 304	AiSi 304	AiSi 304	CuZn40	AiSi 304	Graphite-kevlar

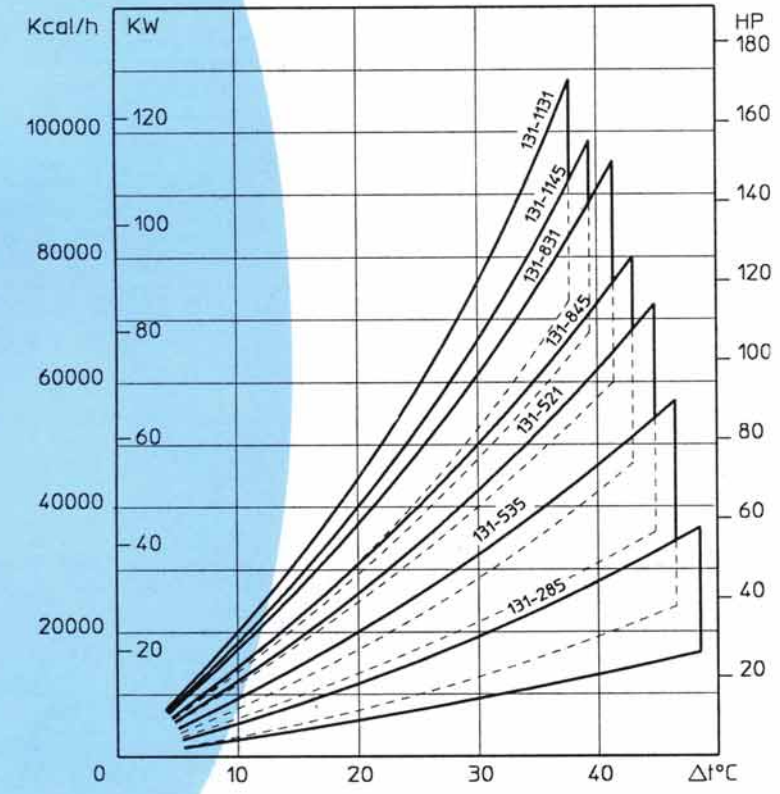
TIPO TYPE	PORTATA OLIO OIL FLOW (lt/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL =55°C H2O=20°C	CAPACITA' CONTENTS (lt)	Kg	Dimensioni - Over all dimension											
					1 Pass				2 Pass				4 Pass			
					øF	l	L	L1	øF	l	L	L1	øF	l	L	L1
MGB131-285-..	50-140	17-38	2.7	17	1 1/2"	285	563	377	1 1/2"	285	532	373	1 1/2"	285	529	371
MGB131-535-..	80-200	24-63	4.5	23	1 1/2"	535	808	622	1 1/2"	535	777	618	1 1/2"	535	774	616
MGB131-521-..	120-280	40-82	4.6	23	2"	521	808	622	2"	521	777	618	2"	521	774	616
MGB131-845-..	100-250	56-96	6.9	29	1 1/2"	845	1108	922	1 1/2"	845	1077	918	1 1/2"	845	1074	916
MGB131-831-..	160-400	77-120	7	29	2"	831	1108	922	2"	831	1077	918	2"	831	1074	916
MGB131-1145-..	120-280	85-132	8	36	1 1/2"	1145	1423	1237	1 1/2"	1145	1392	1233	1 1/2"	1145	1389	1231
MGB131-1131-..	160-420	102-153	8.1	36	2"	1131	1419	1233	2"	1131	1388	1229	2"	1131	1385	1227

DIAGRAMMA RENDIMENTO

Alla portata massima e minima indicata in tabella

PERFORMANCE DIAGRAM

At the maximum and minimum flow stated in schedule



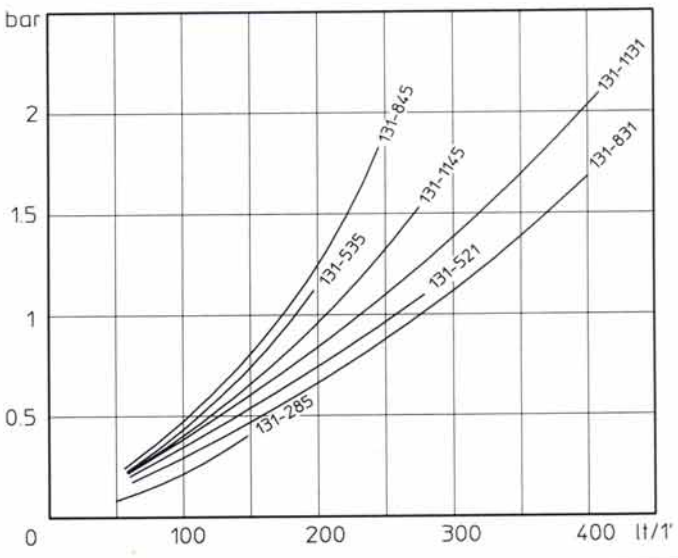
FATTORE DI CORREZIONE (F)–PERDITE DI CARICO

CORRECTION FACTOR (F)–PRESSURE DROP

CST	10	15	20	30	40	50	60	80	100	200	300
F	0.5	0.65	0.77	1	1.2	1.4	1.6	1.9	2.1	3.3	4.3

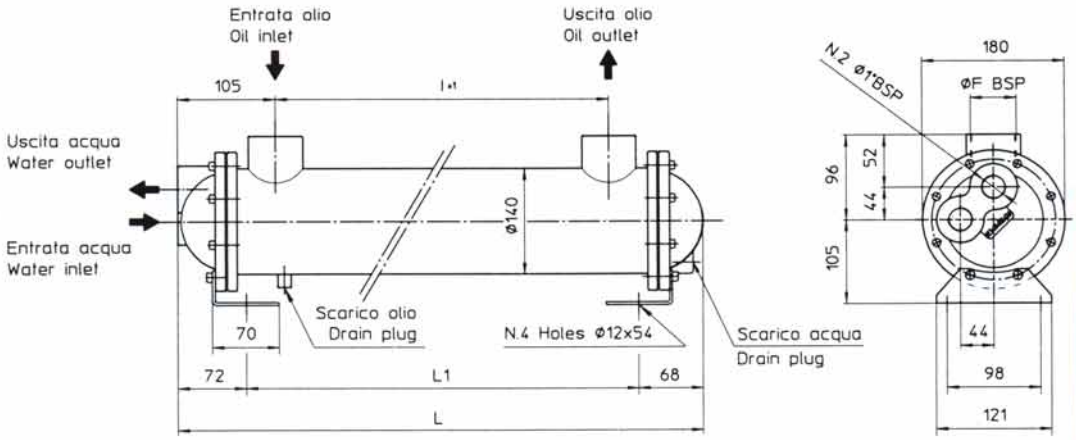
PERDITE DI CARICO (32 cst)

PRESSURE DROP (32 cst)



Scambiatori acqua–olio serie MGB 140
Water–oil heat exchangers series MGB 140

Con circuito acqua ispezionabile a quattro passaggi. Four ways controllable water circuit



Le dimensioni e le caratteristiche non sono impegnative.Over-all dimension and technical characteristics are not binding

TIPO TYPE	TUBI TUBES	PIASTRA TUBIERA TUBES SHEET	DEFLETTORI BAFFLES	FONDI COVERS	MANTELLO SHELL	GUARNIZIONI SEALS
STANDARD	CuDHP	C40	CuZn37	G25	Fe510.2	Rubber-cork
AiSi	AiSi 304	AiSi 304	AiSi 304	G25	AiSi 304	Graphite-kevlar

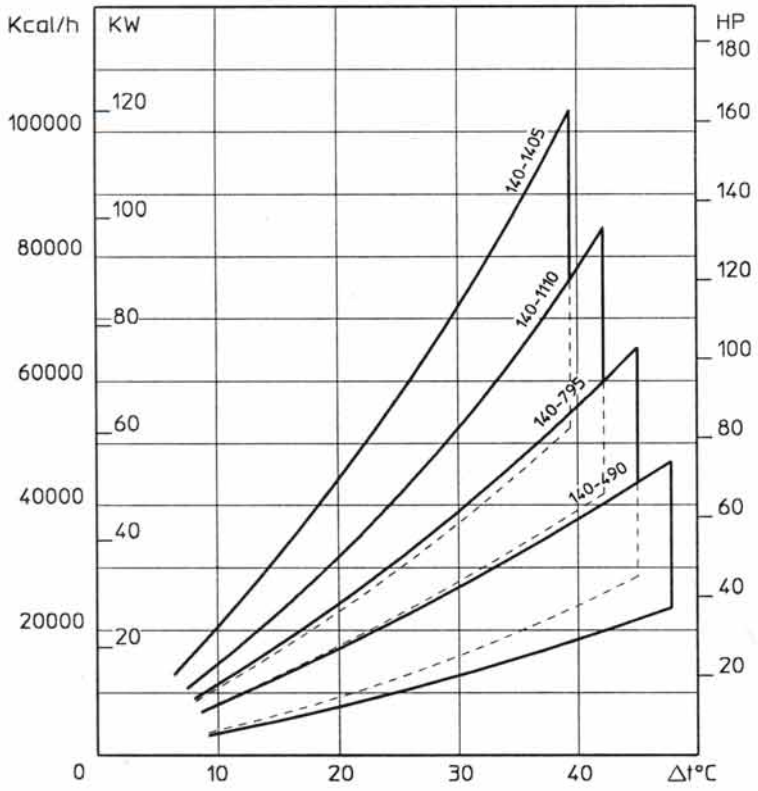
TIPO TYPE	PORTATA OLIO OIL FLOW (lt/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL =55°C H2O=20°C	CAPACITA' CONTENTS (lt)	Kg	Dimensioni - Over all dimension 4 Pass			
					øF	I	L	L1
MGB 140-490-4	50-220	25-50	6.4	26	1 1/2"	490	733	591
MGB 140-795-4	60-250	35-75	9.5	32	1 1/2"	795	1038	896
MGB 140-1110-4	60-250	52-105	12.5	38	1 1/2"	1110	1353	1211
MGB 140-1405-4	80-280	68-138	15.5	44	1 1/2"	1405	1648	1506

DIAGRAMMA RENDIMENTO

Alla portata massima e minima indicata in tabella

PERFORMANCE DIAGRAM

At the maximum and minimum flow stated in schedule



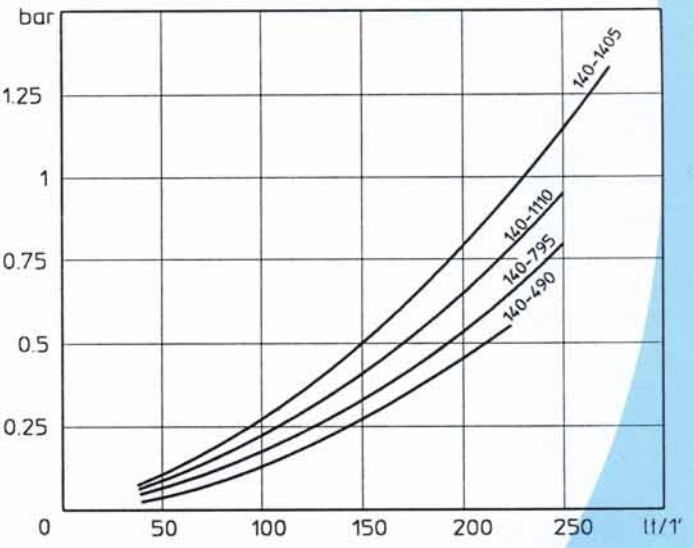
FATTORE DI CORREZIONE (F)–PERDITE DI CARICO

CORRECTION FACTOR (F)–PRESSURE DROP

CST	10	15	20	30	40	50	60	80	100	200	300
F	0.5	0.65	0.77	1	1.2	1.4	1.6	1.9	2.1	3.3	4.3

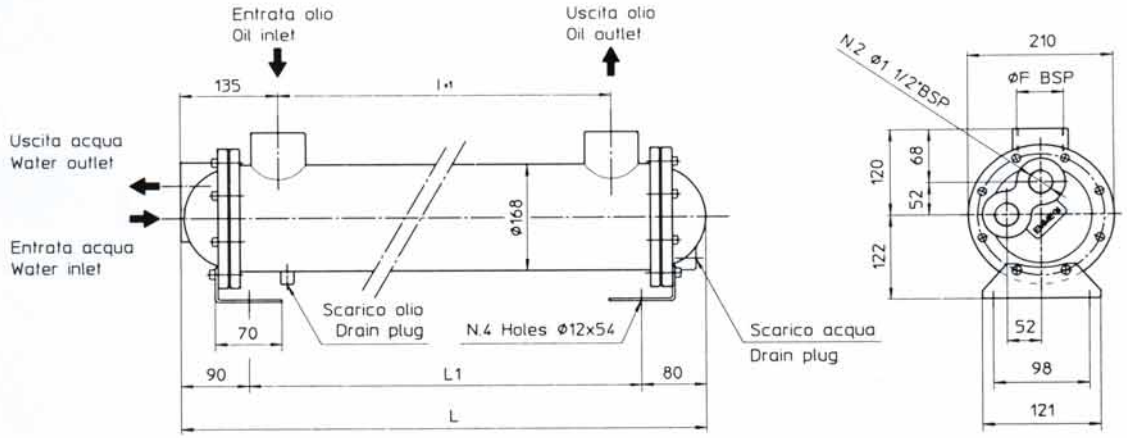
PERDITE DI CARICO (32 cst)

PRESSURE DROP (32 cst)



Scambiatori acqua–olio serie MGB 168
Water–oil heat exchangers series MGB 168

Con circuito acqua ispezionabile a quattro passaggi. Four ways controllable water circuit

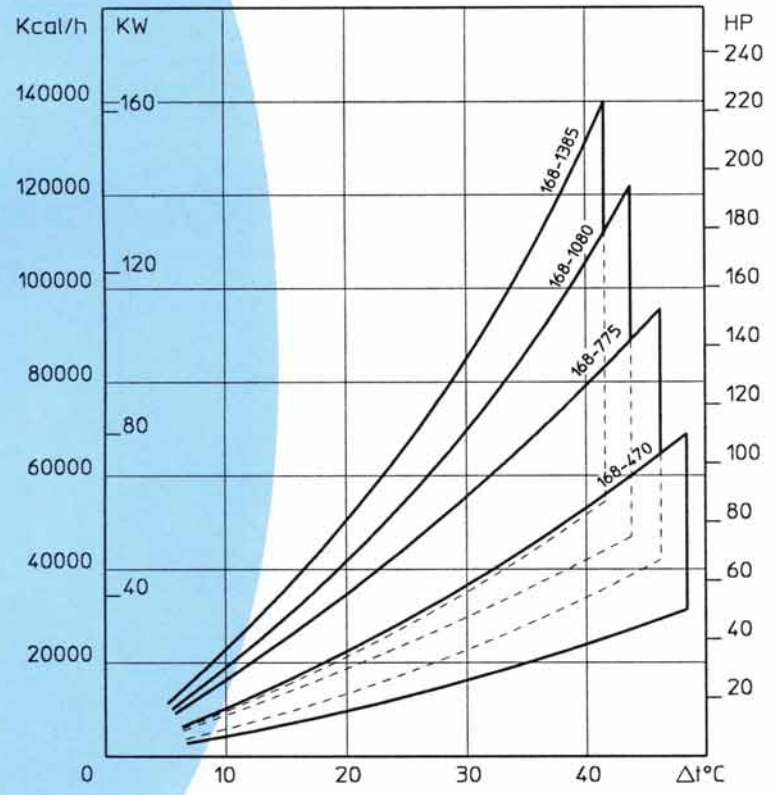


Le dimensioni e le caratteristiche non sono impegnative.Over-all dimension and technical characteristics are not binding

TIPO TYPE	TUBI TUBES	PIASTRA TUBIERA TUBES SHEET	DEFLETTORI BAFFLES	FONDI COVERS	MANTELLO SHELL	GUARNIZIONI SEAL
STANDARD	CuDHP	C40	CuZN37	G 25	Fe510.2	Rubber-cork
AiSi	AiSi 304	AiSi 304	AiSi 304	G 25	AiSi 304	Graphite-kevlar

TIPO TYPE	PORTATA OLIO OIL FLOW (lt/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL =55°C H2O=20°C	CAPACITA' CONTENTS (lt)	Kg	Dimensioni - Over all dimension 4 Pass			
					øF	I	L	L1
MGB 168-470-4	100-450	32-72	8.3	35	2"	470	758	578
MGB 168-775-4	120-500	45-105	12.5	43	2"	775	1063	883
MGB 168-1080-4	150-550	55-142	16.7	50	2"	1080	1368	1188
MGB 168-1385-4	150-550	70-172	21	57	2"	1385	1673	1493

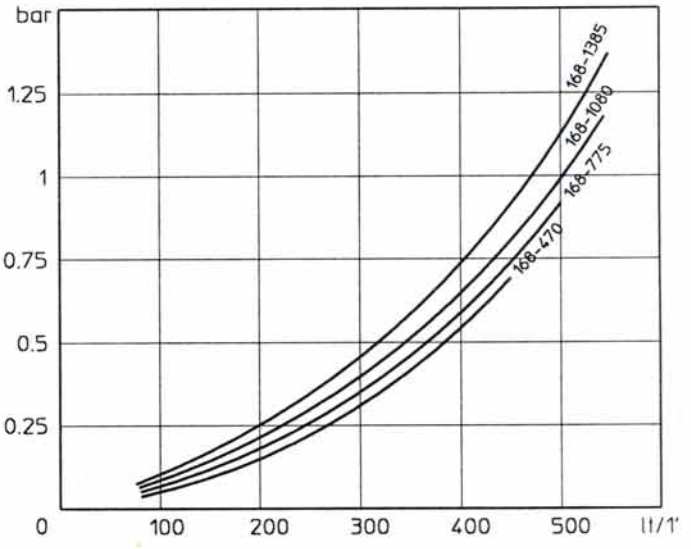
DIAGRAMMA RENDIMENTO
Alla portata massima e minima indicata in tabella
PERFORMANCE DIAGRAM
At the maximum and minimum flow stated in schedule



FATTORE DI CORREZIONE (F)–PERDITE DI CARICO
CORRECTION FACTOR (F)–PRESSURE DROP

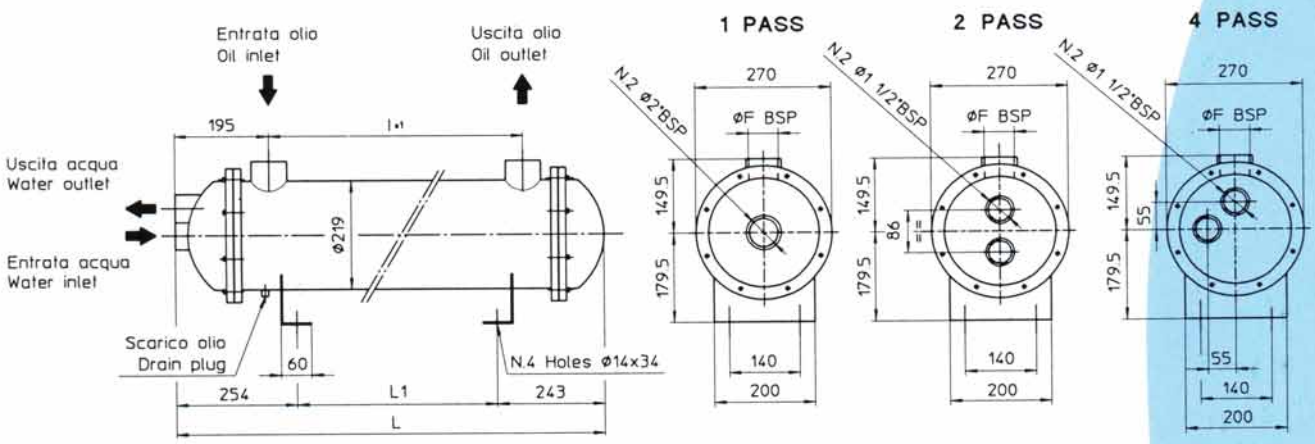
CST	10	15	20	30	40	50	60	80	100	200	300
F	0.5	0.65	0.77	1	1.2	1.4	1.6	1.9	2.1	3.3	4.3

PERDITE DI CARICO (32 cst)
PRESSURE DROP (32 cst)



Scambiatori acqua–olio serie MGB 219
Water–oil heat exchangers series MGB 219

Con circuito acqua ispezionabile a uno-due-quattro passaggi. One-two-four ways controllable water circuit



Le dimensioni e le caratteristiche non sono impegnative.Over-all dimension and technical characteristics are not binding

TIPO TYPE	TUBI TUBES	PIASTRA TUBIERA TUBES SHEET	DEFLETTORI BAFFLES	FONDI COVERS	MANTELLO SHELL	GUARNIZIONI SEAL
STANDARD	CuDHP	C40	CuZn37	Fe 510.2	Fe510.2	OR 4900
AiSi	AiSi 304	AiSi 304	AiSi 304	AiSi 304	AiSi 304	OR 4900

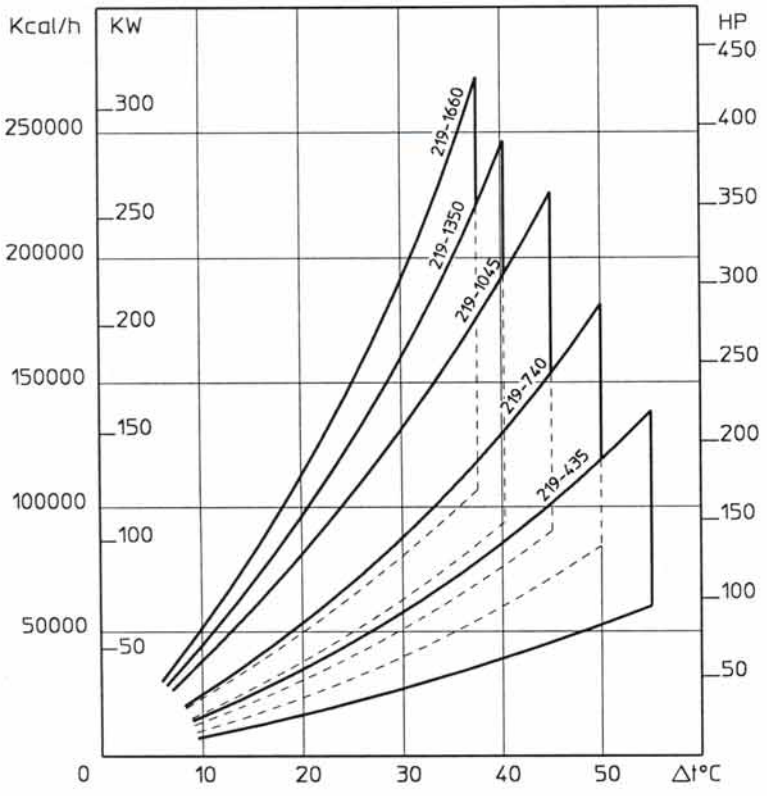
TIPO TYPE	PORTATA OLIO OIL FLOW (lt/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL =55°C H2O=20°C	CAPACITA' CONTENTS (lt)	Kg	Dimensioni - Over all dimension											
					1 Pass				2 Pass				4 Pass			
					øF	I	L	L1	øF	I	L	L1	øF	I	L	L1
MGB219-435-..	80-800	50-120	12.7	36	2 1/2"	435	839	330	2 1/2"	435	827	330	2 1/2"	435	827	330
MGB219-740-..	100-800	75-180	19.2	44	2 1/2"	740	1144	635	2 1/2"	740	1132	635	2 1/2"	740	1132	635
MGB219-1045-..	100-800	100-250	25.7	53	2 1/2"	1045	1449	940	2 1/2"	1045	1437	940	2 1/2"	1045	1437	940
MGB219-1350-..	100-800	125-320	32.3	59	2 1/2"	1350	1754	1245	2 1/2"	1350	1742	1245	2 1/2"	1350	1742	1245
MGB219-1660-..	100-800	150-390	39	64	2 1/2"	1660	2062	1555	2 1/2"	1660	2050	1555	2 1/2"	1660	2050	1555

DIAGRAMMA RENDIMENTO

Alla portata massima e minima indicata in tabella

PERFORMANCE DIAGRAM

At the maximum and minimum flow stated in schedule



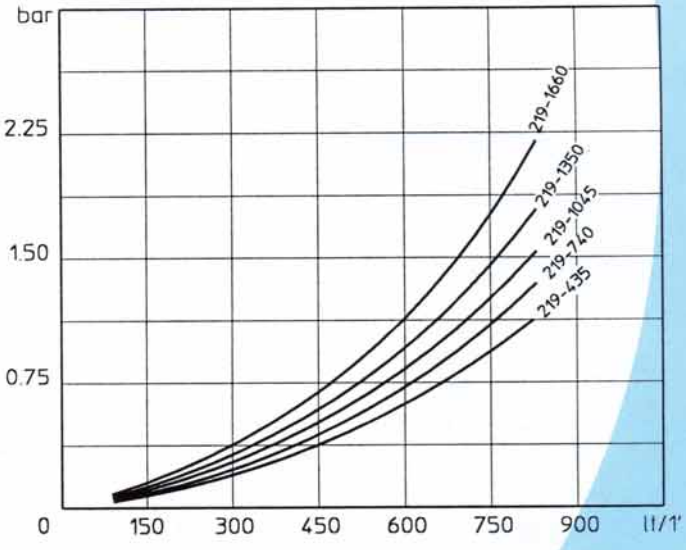
FATTORE DI CORREZIONE (F)–PERDITE DI CARICO

CORRECTION FACTOR (F)–PRESSURE DROP

CST	10	15	20	30	40	50	60	80	100	200	300
F	0.5	0.65	0.77	1	1.2	1.4	1.6	1.9	2.1	3.3	4.3

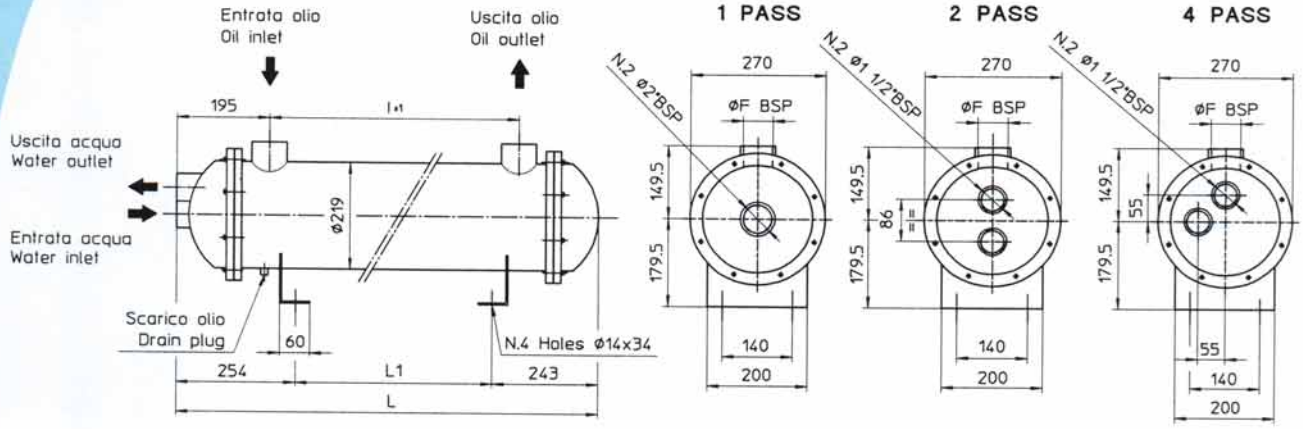
PERDITE DI CARICO (32 cst)

PRESSURE DROP (32 cst)



Scambiatori acqua–olio serie MGB 220
Water–oil heat exchangers series MGB 220

Con circuito acqua ispezionabile a uno-due-quattro passaggi. One-two-four ways controllable water circuit



Le dimensioni e le caratteristiche non sono impegnative.Over-all dimension and technical characteristics are not binding.

TIPO TYPE	TUBI TUBES	PIASTRA TUBIERA TUBES SHEET	DEFLETTORI BAFFLES	FONDI COVERS	MANTELLO SHELL	GUARNIZIONI SEAL
STANDARD	CuDHP	C40	CuZn37	Fe 510.2	Fe510.2	OR 4900
AiSi	AiSi 304	AiSi 304	AiSi 304	AiSi 304	AiSi 304	OR 4900

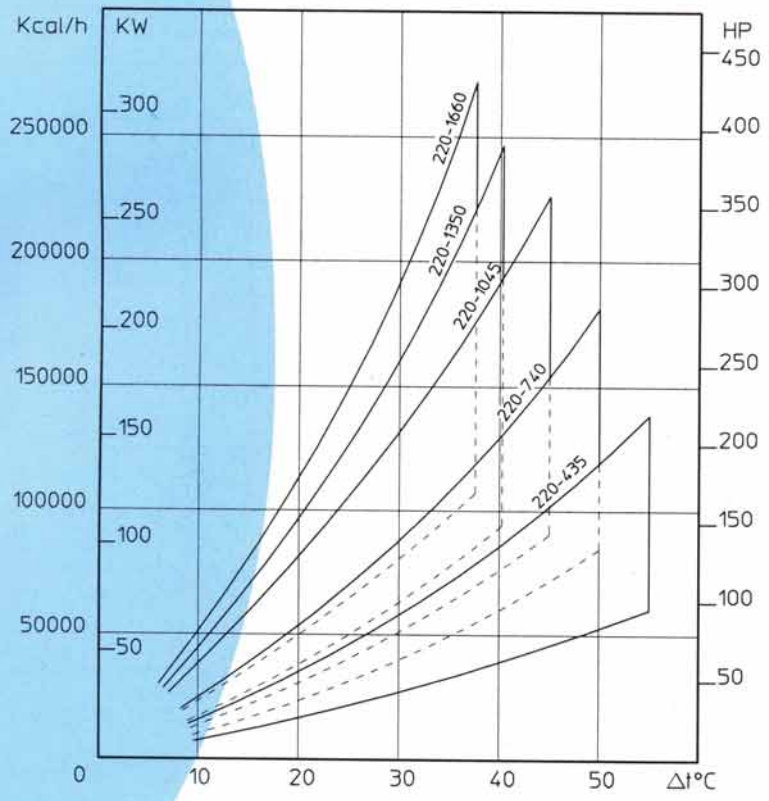
TIPO TYPE	PORTATA OLIO OIL FLOW (lt/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL -55°C H2O-20°C	CAPACITA' CONTENTS (lt)	Kg	Dimensioni - Over all dimension											
					1 Pass				2 Pass				4 Pass			
					ØF	I	L	L1	ØF	I	L	L1	ØF	I	L	L1
MGB220-435-..	80-800	50-120	11	48	2 1/2"	435	839	330	2 1/2"	435	827	330	2 1/2"	435	827	330
MGB220-740-..	100-800	75-180	16.8	82	2 1/2"	740	1144	635	2 1/2"	740	1132	635	2 1/2"	740	1132	635
MGB220-1045-..	100-800	100-250	22.2	110	2 1/2"	1045	1449	940	2 1/2"	1045	1437	940	2 1/2"	1045	1437	940
MGB220-1350-..	100-800	125-320	27.9	120	2 1/2"	1350	1754	1245	2 1/2"	1350	1742	1245	2 1/2"	1350	1742	1245
MGB220-1660-..	100-800	150-390	33.6	145	2 1/2"	1660	2062	1555	2 1/2"	1660	2050	1555	2 1/2"	1660	2050	1555

DIAGRAMMA RENDIMENTO

Alla portata massima e minima indicata in tabella

PERFORMANCE DIAGRAM

At the maximum and minimum flow stated in schedule



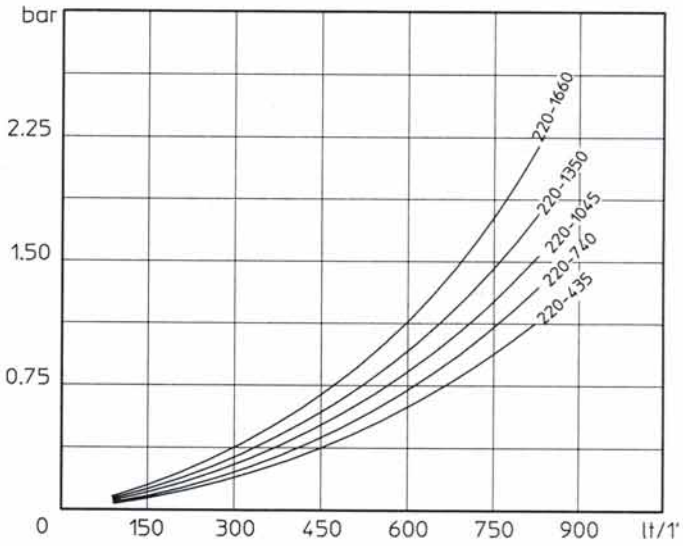
FATTORE DI CORREZIONE (F)–PERDITE DI CARICO

CORRECTION FACTOR (F)–PRESSURE DROP

CST	10	15	20	30	40	50	60	80	100	200	300
F	0.5	0.65	0.77	1	1.2	1.4	1.6	1.9	2.1	3.3	4.3

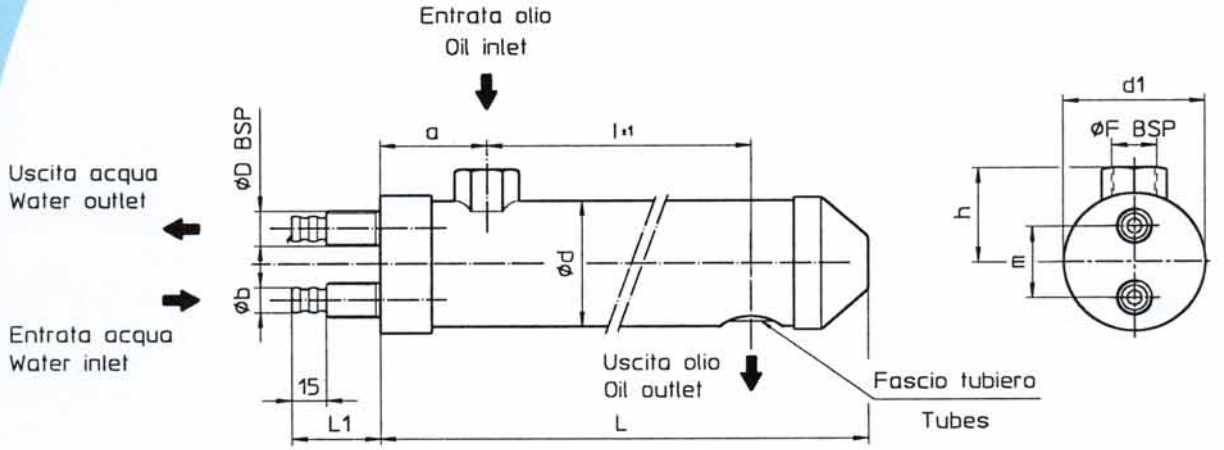
PERDITE DI CARICO (32 cst)

PRESSURE DROP (32 cst)



Scambiatori acqua–olio serie MGC 60e80
Water–oil heat exchangers series MGC 60e80

Con circuito acqua a due passaggi. Two ways water circuit

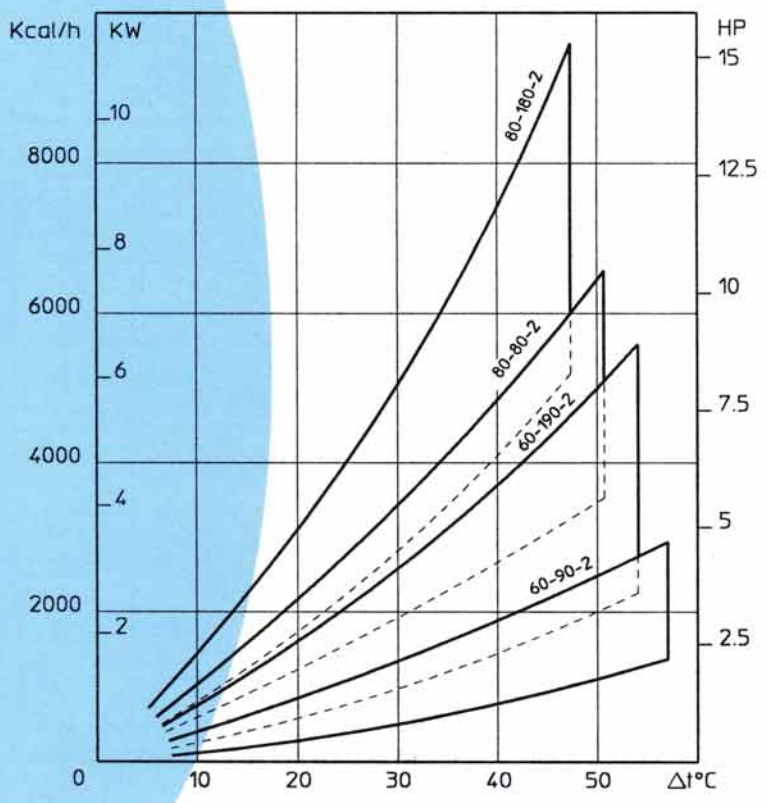


Le dimensioni e le caratteristiche tecniche non sono impegnative. Over-all dimension and technical characteristics are not binding.

TIPO TYPE	TUBI TUBES	PIASTRA TUBIERA TUBES SHEET	DEFLETTORI BAFFLES	FONDI COVERS	MANTELLO SHELL
STANDARD	CuDHP	CuZn40	CuZn37	CuZn40	CuZn37

TIPO TYPE	PORTATA OLIO OIL FLOW (lt/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL -55°C H20-20°C	CAPACITA' CONTENTS (lt)	Kg	Dimensioni - Over all dimension 2 Pass										
					ØD	ØF	l	L	L1	a	Øb	Ød	d1	h	m
MGC 60-90-2	5-30	1-2.5	0.3	1.5	3/8"	1/2"	90	190	40	48	13	60	65	45	38
MGC 60-190-2	7.5-40	2.5-5	0.4	2	3/8"	1/2"	190	290	40	48	13	60	65	45	38
MGC 80-80-2	25-60	3.5-6.5	0.5	2.3	1/2"	3/4"	80	190	40	50	16	80	85	65	45
MGC 80-180-2	30-80	5.5-10	0.7	3.5	1/2"	3/4"	180	290	40	50	16	80	85	65	45

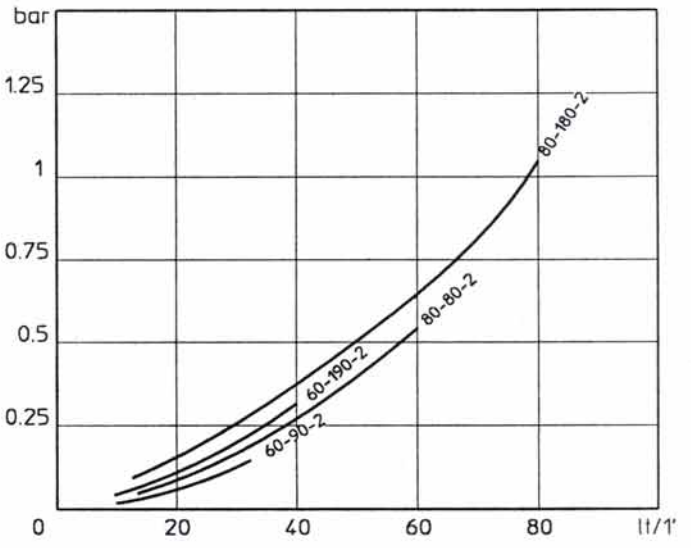
DIAGRAMMA RENDIMENTO
Alla portata massima e minima indicata in tabella
PERFORMANCE DIAGRAM
At the maximum and minimum flow stated in schedule



FATTORE DI CORREZIONE (F)–PERDITE DI CARICO
CORRECTION FACTOR (F)–PRESSURE DROP

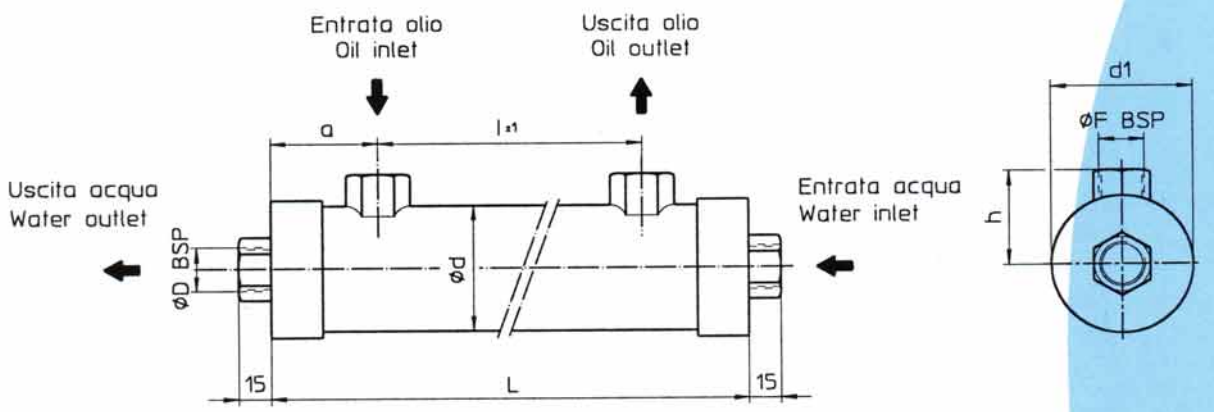
CST	10	15	20	30	40	50	60	80	100	200	300
F	0.5	0.65	0.77	1	1.2	1.4	1.6	1.9	2.1	3.3	4.3

PERDITE DI CARICO (32 cst)
PRESSURE DROP (32 cst)



Scambiatori acqua–olio serie MGE 60e80
Water–oil heat exchangers series MGE 60e80

Con circuito acqua a un passaggio. One way water circuit

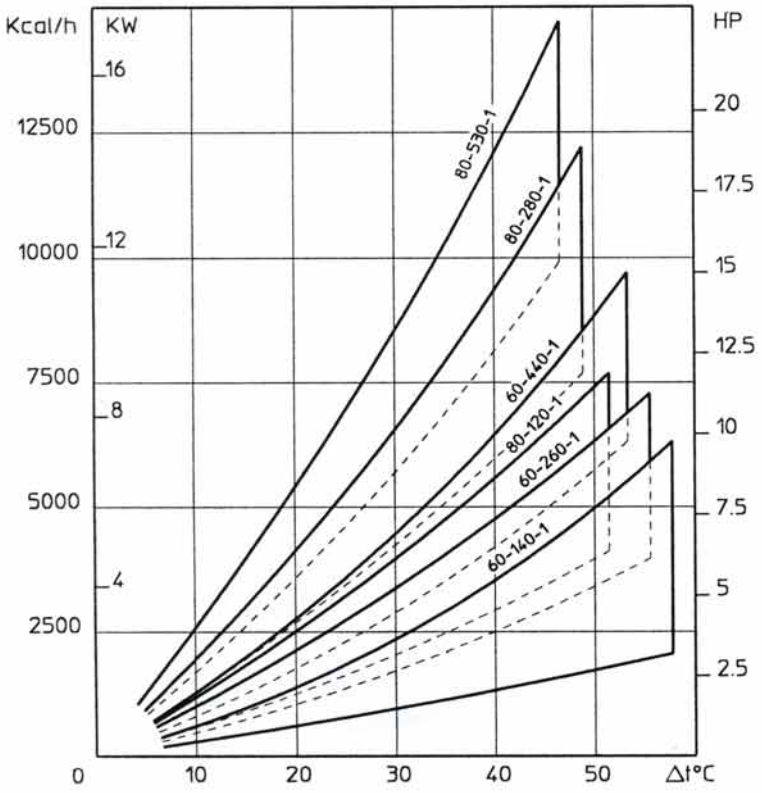


Le dimensioni e le caratteristiche tecniche non sono impegnative. Over-all dimension and technical characteristics are not binding.

TIPO TYPE	TUBI TUBES	PIASTRA TUBIERA TUBES SHEET	DEFLETTORI BAFFLES	FONDI COVERS	MANTELLO SHELL
STANDARD	CuDHP	CuZn40	CuZn37	CuZn40	CuZn37

TIPO TYPE	PORTATA OLIO OIL FLOW (lt/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL -55°C H2O-20°	CAPACITA' CONTENTS (lt)	Kg	Dimensioni - Over all dimension 1 Pass							
					ØD	ØF	l	L	a	Ød	d1	h
MGE 60-140-1	5-30	1.5-4.5	0.4	1.8	1/2"	1/2"	140	240	50	60	65	45
MGE 60-260-1	7.5-40	3.5-6.5	0.6	3	1/2"	1/2"	260	360	50	60	65	45
MGE 60-440-1	10-50	6-9	0.9	5	1/2"	1/2"	440	540	50	60	65	45
MGE 80-120-1	20-50	4-7.5	0.6	3	3/4"	3/4"	120	240	60	80	85	65
MGE 80-280-1	25-60	8-12.5	1	4.4	3/4"	3/4"	280	400	60	80	85	65
MGE 80-530-1	30-80	11-16	1.8	6.8	3/4"	3/4"	530	650	60	80	85	65

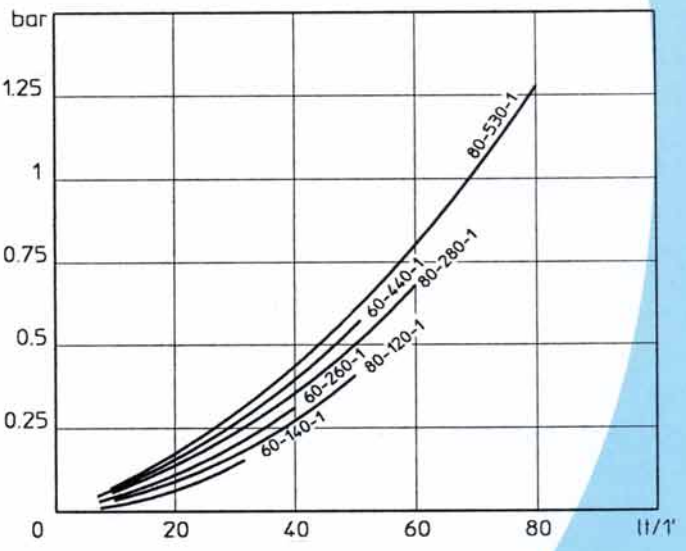
DIAGRAMMA RENDIMENTO
Alla portata massima e minima indicata in tabella
PERFORMANCE DIAGRAM
At the maximum and minimum flow stated in schedule



FATTORE DI CORREZIONE (F)–PERDITE DI CARICO
CORRECTION FACTOR (F)–PRESSURE DROP

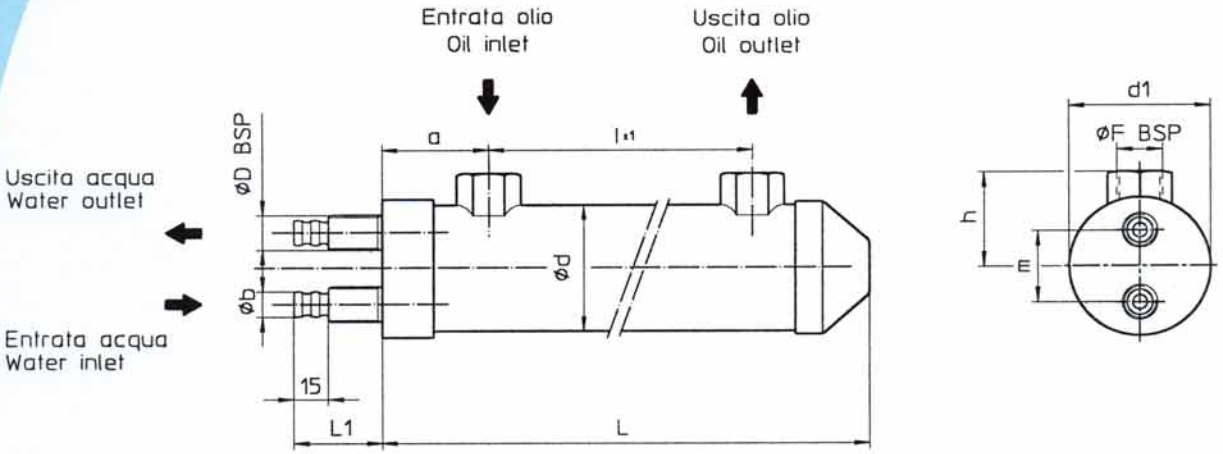
CST	10	15	20	30	40	50	60	80	100	200	300
F	0.5	0.65	0.77	1	1.2	1.4	1.6	1.9	2.1	3.3	4.3

PERDITE DI CARICO (32 cst)
PRESSURE DROP (32 cst)



Scambiatori acqua–olio serie MGE 60e80
Water–oil heat exchangers series MGE 60e80

Con circuito acqua a due passaggi. Two ways water circuit

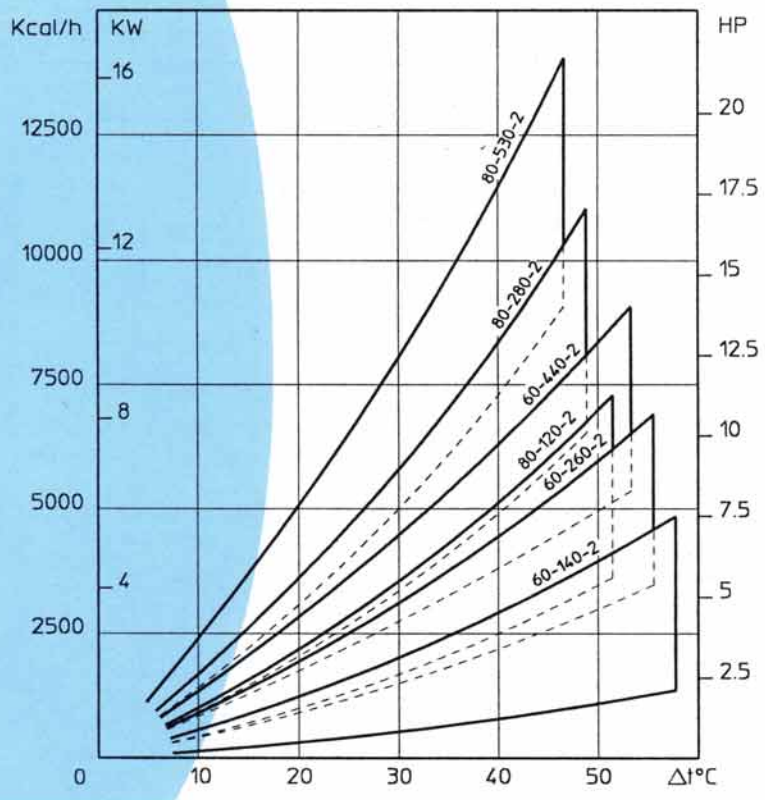


Le dimensioni e le caratteristiche tecniche non sono impegnative. Over-all dimension and technical characteristics are not binding.

TIPO TYPE	TUBI TUBES	PIASTRA TUBIERA TUBES SHEET	DEFLETTORI BAFFLES	FONDI COVERS	MANTELLO SHELL
STANDARD	CuDHP	CuZn40	CuZn37	CuZn40	CuZn37

TIPO TYPE	PORTATA OLIO OIL FLOW (lt/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL -55°C H20-20°C	CAPACITA' CONTENTS (lt)	Kg	Dimensioni - Over all dimension 2 Pass										
					ØD	ØF	l	L	L1	a	Øb	Ød	d1	h	m
MGE 60-140-2	5-30	1-4	0.4	1.8	3/8"	1/2"	140	245	40	50	13	60	65	45	38
MGE 60-260-2	7.5-40	3-6	0.6	3	3/8"	1/2"	260	365	40	50	13	60	65	45	38
MGE 60-440-2	10-50	5-5.8	0.9	5	3/8"	1/2"	440	545	40	50	13	60	65	45	38
MGE 80-120-2	20-50	3.5-8	0.6	3	1/2"	3/4"	120	255	40	60	16	80	85	65	45
MGE 80-280-2	25-60	7-11.5	1	4.4	1/2"	3/4"	280	415	40	60	16	80	85	65	45
MGE 80-530-2	30-80	10-15	6.8	6.8	1/2"	3/4"	530	665	40	60	16	80	85	65	45

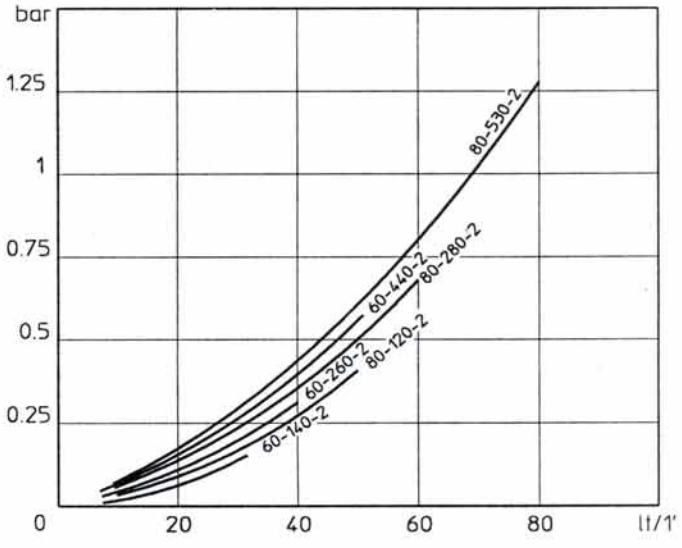
DIAGRAMMA RENDIMENTO
Alla portata massima e minima indicata in tabella
PERFORMANCE DIAGRAM
At the maximum and minimum flow stated in schedule



FATTORE DI CORREZIONE (F)–PERDITE DI CARICO
CORRECTION FACTOR (F)–PRESSURE DROP

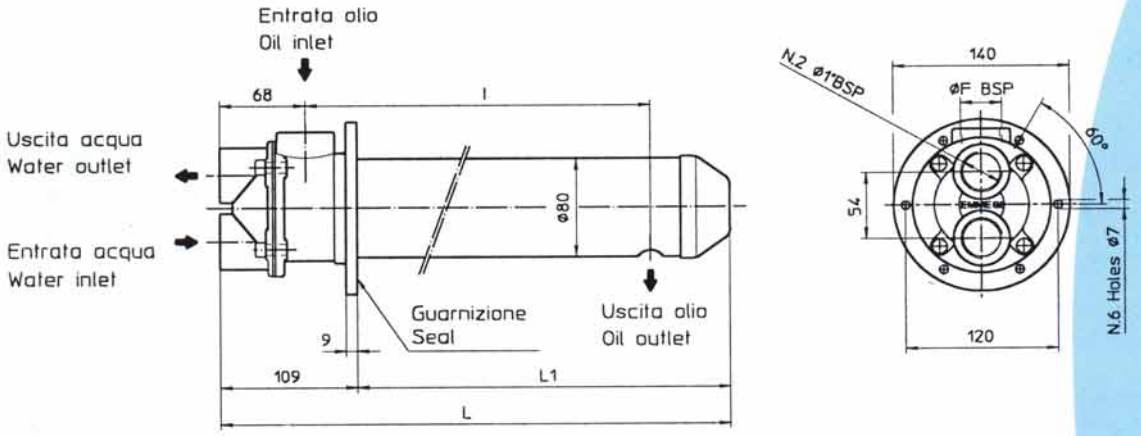
CST	10	15	20	30	40	50	60	80	100	200	300
F	0.5	0.65	0.77	1	1.2	1.4	1.6	1.9	2.1	3.3	4.3

PERDITE DI CARICO (32 cst)
PRESSURE DROP (32 cst)



Scambiatore acqua–olio serie MGF 80
Water–oil heat exchangers series MGF 80

Con circuito acqua ispezionabile a due passaggi. Two ways controllable water circuit



Le dimensioni e le caratteristiche tecniche non sono impegnative. Over-all dimension and technical characteristics are not binding.

TIPO TYPE	TUBI TUBES	PIASTRA TUBIERA TUBES SHEET	DEFLETTORI BAFFLES	FONDI COVERS	MANTELLO SHELL	GUARNIZIONI SEAL
STANDARD	CuDHP	CuZn40	CuZn37	CuZn40	CuZn37	Rubber-cork

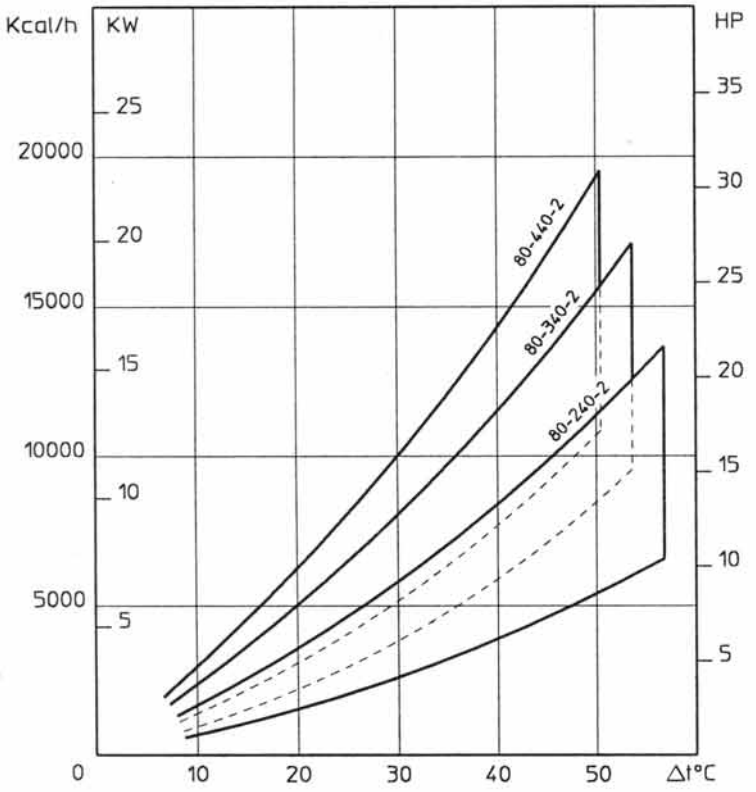
TIPO TYPE	PORTATA OLIO OIL FLOW (lt/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL -55°C H20-20°C	CAPACITA' CONTENTS (lt)	Kg	Dimensioni - Over all dimension 2 Pass			
					øF	l	L	L1
MGF 80-240-2	20-60	3-6	0.9	5	ø1"	240	369	260
MGF 80-340-2	30-70	6-9	1.2	5.7	ø1"	340	469	360
MGF 80-440-2	40-80	9-12	1.5	6.4	ø1"	440	569	460

DIAGRAMMA RENDIMENTO

Alla portata massima e minima indicata in tabella

PERFORMANCE DIAGRAM

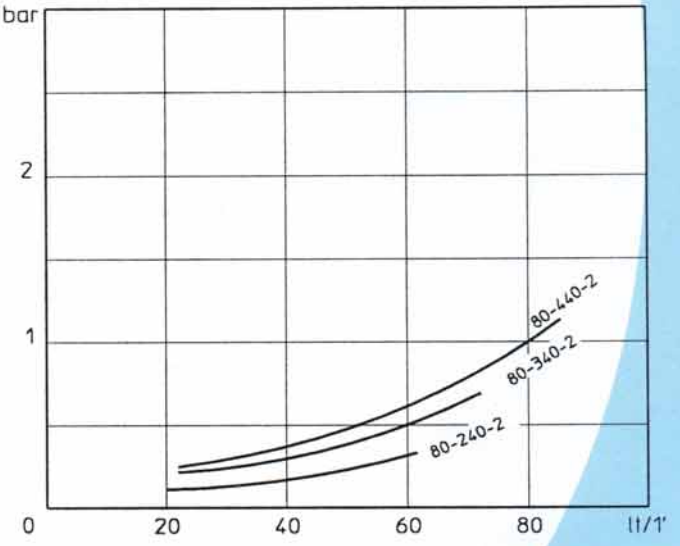
At the maximum and minimum flow stated in schedule



FATTORE DI CORREZIONE (F)–PERDITE DI CARICO

CORRECTION FACTOR (F)–PRESSURE DROP

CST	10	15	20	30	40	50	60	80	100	200	300
F	0.5	0.65	0.77	1	1.2	1.4	1.6	1.9	2.1	3.3	4.3

PERDITE DI CARICO (32 cst)

PRESSURE DROP (32 cst)