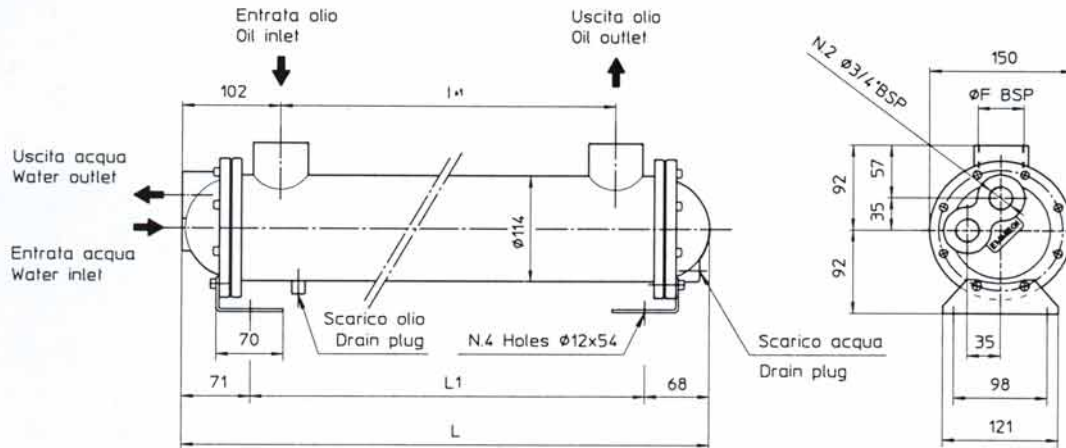


Scambiatori acqua-olio serie MGB 114 Water-oil heat exchangers series MGB 114

Con circuito acqua ispezionabile a quattro passaggi. Four ways controllabile 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

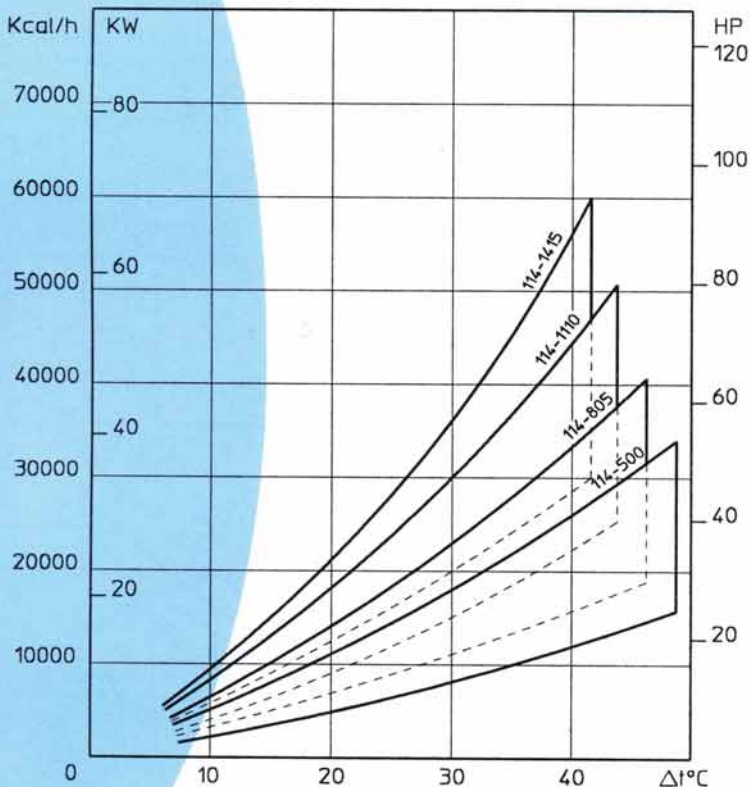
TIPO TYPE	PORTATA OLIO OIL FLOW (l/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL +55°C H ₂ O=20°C	CAPACITA' CONTENTS (l)	Kg	Dimensioni - Over all dimension			
					4 Pass			
					ØF	I	L	L1
MGB 114-500-4	50-220	16-35	3.5	17	1 1/2"	500	745	598
MGB 114-805-4	60-250	23-45	5	21	1 1/2"	805	1050	903
MGB 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

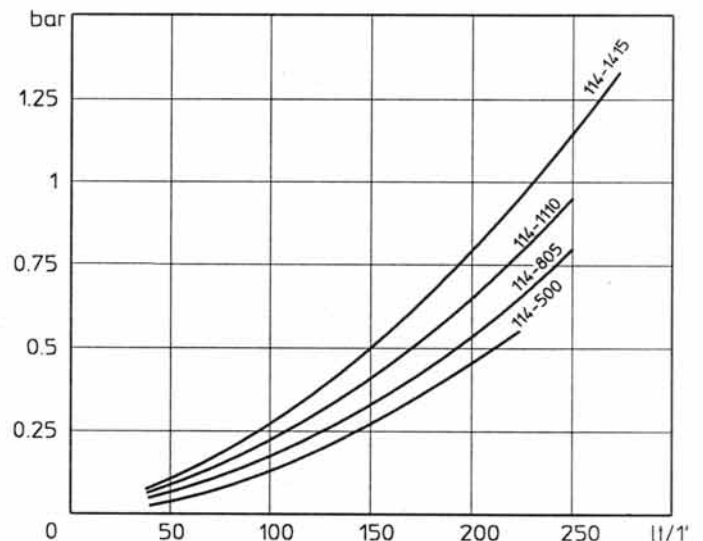
At the maximum and minimum flow stated in schedule



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

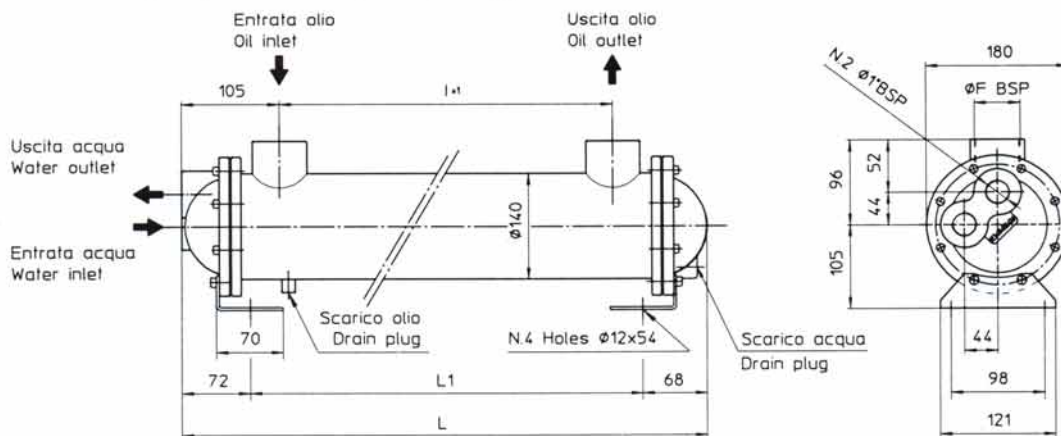
PERDITE DI CARICO (32 cst) PRESSURE DROP (32 cst)



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



Con circuito acqua ispezionabile a quattro passaggi. Four ways controllible 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

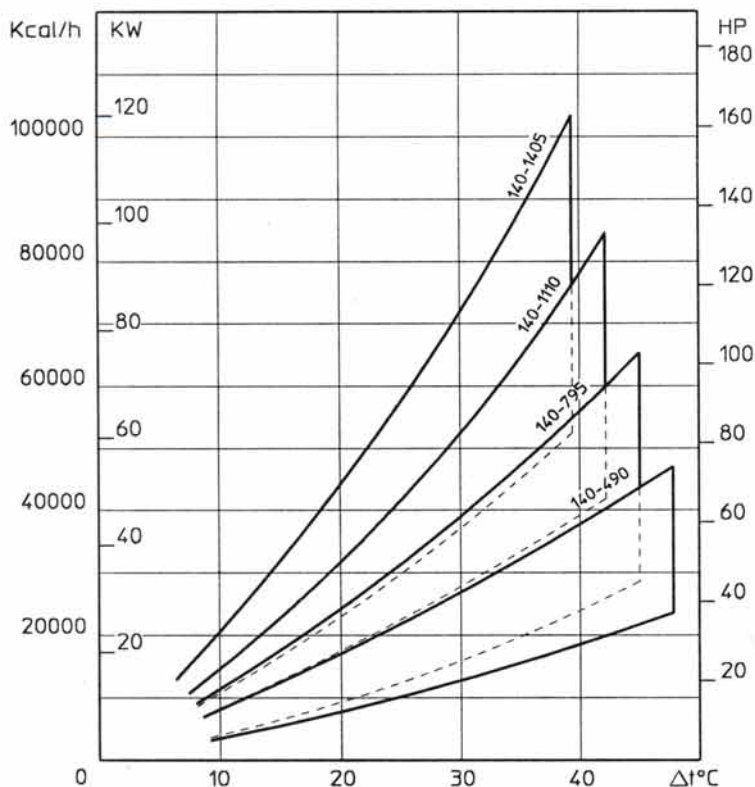
TIPO TYPE	PORTATA OLIO OIL FLOW (l/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL $\Delta T = 55^\circ\text{C H}_2\text{O} = 20^\circ\text{C}$	CAPACITA' CONTENTS (l)	Kg	Dimensioni - Over all dimension			
					4 Pass			
					ϕF	L	L	L1
MGB 140-490-4	50-220	25-50	6.4	26	1 1/2"	490	733	591
MGB 140-795-4	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

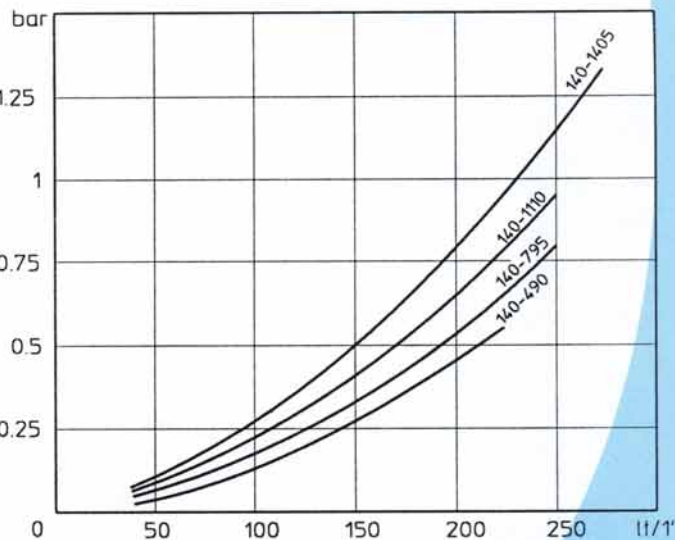


FATTORE DI CORREZIONE (F)-PERDITE DI CARICO

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

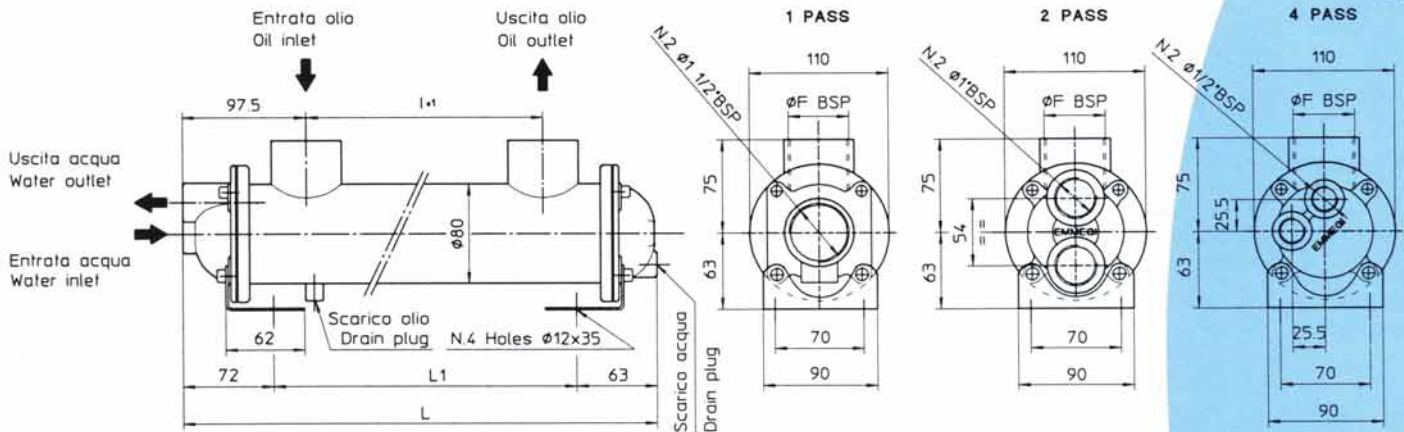
PERDITE DI CARICO (32 cst) PRESSURE DROP (32 cst)



Scambiatori acqua-olio serie MGB 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

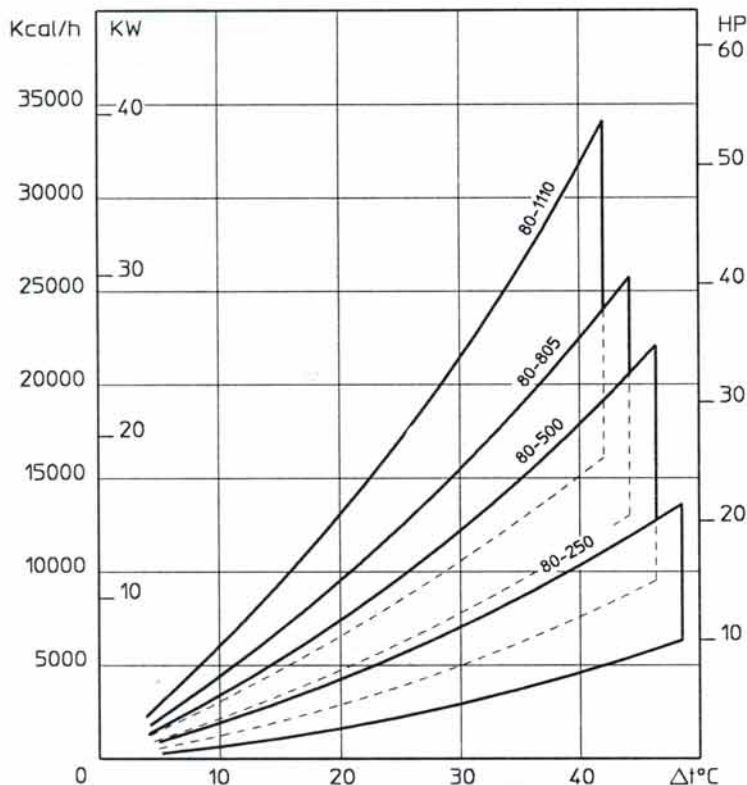
TIPO TYPE	PORTATA OLIO OIL FLOW (l/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL =55°C H2O=20°C	CAPACITA' CONTENTS (l)	Kg	Dimensioni - Over all dimension											
					1 Pass				2 Pass				4 Pass			
					øF	I	L	L1	øF	I	L	L1	øF	I	L	L1
MGB 80-250-	30-160	6-14	1.1	6	1 1/2"	250	516	325	1 1/2"	250	464	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

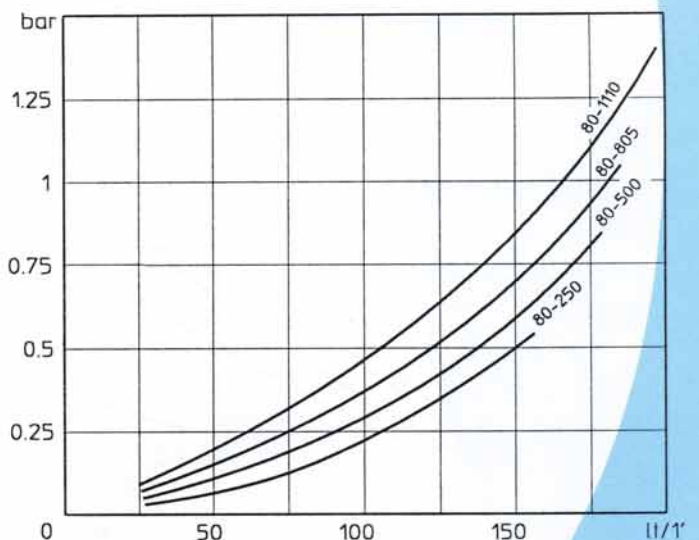
At the maximum and minimum flow stated in schedule



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)

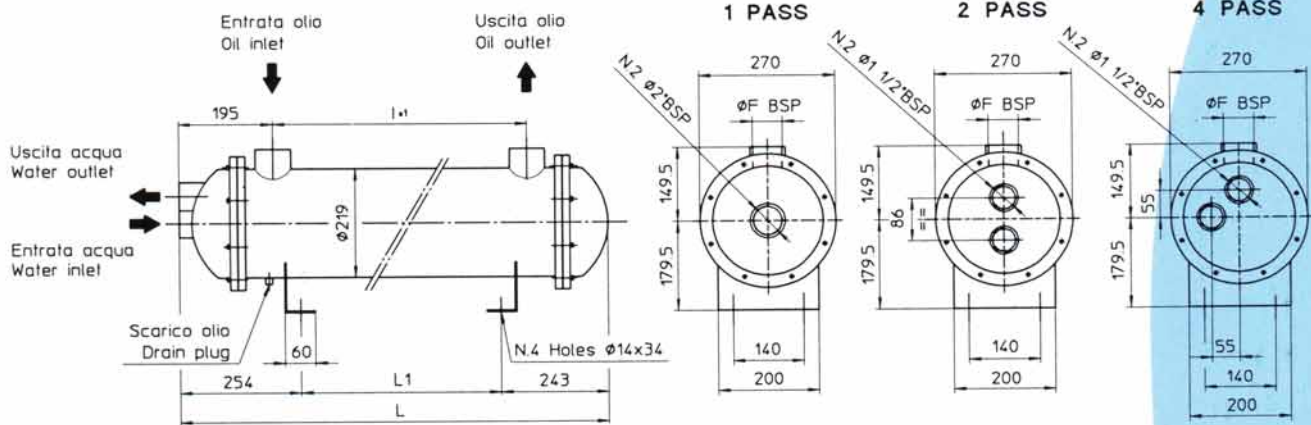


Scambiatori acqua-olio serie MGB 219

Water-oil heat exchangers series MGB 219



Con circuito acqua ispezionabile a uno-due-quattro passaggi. One-two-four ways controllabile 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

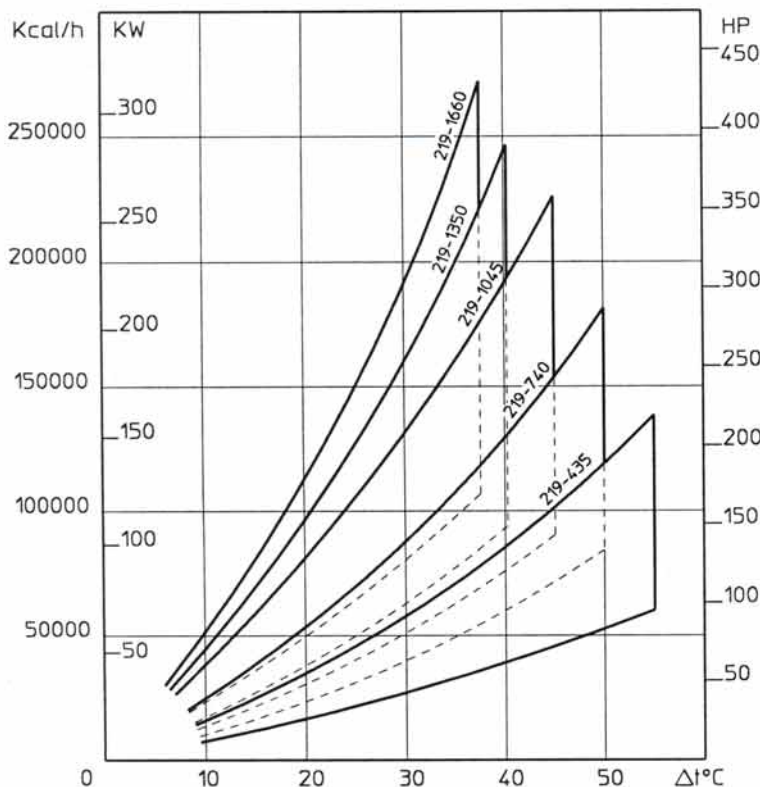
TIPO TYPE	PORTATA OLIO OIL FLOW (lit/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL +55°C H2O=20°C	CAPACITA' CONTENTS (lit)	Kg	Dimensioni - Over all dimension											
					1 Pass				2 Pass				4 Pass			
					øF	I	L	L1	øF	I	L	L1	øF	I	L	L1
MGB219-435-	80-800	50-120	12.7	36	2 1/2"	435	839	330	2 1/2"	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



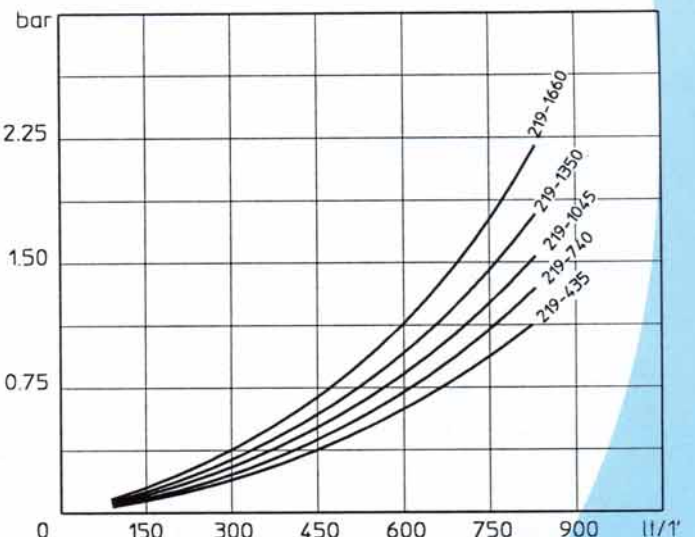
FATTORE DI CORREZIONE (F)-PERDITE DI CARICO

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)

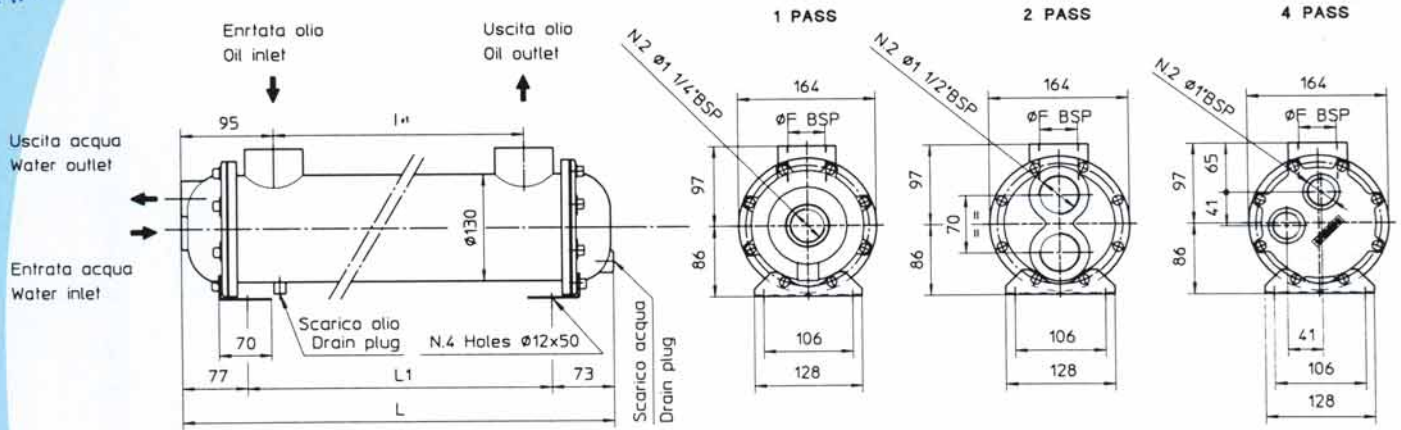
PRESSURE DROP (32 cst)





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

Con circuito acqua ispezionabile a uno-due-quattro passaggi. One-two-four ways controllabile 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
AlSi	AlSi 304	AlSi 304	AlSi 304	CuZn40	AlSi 304	Graphite-kevlar

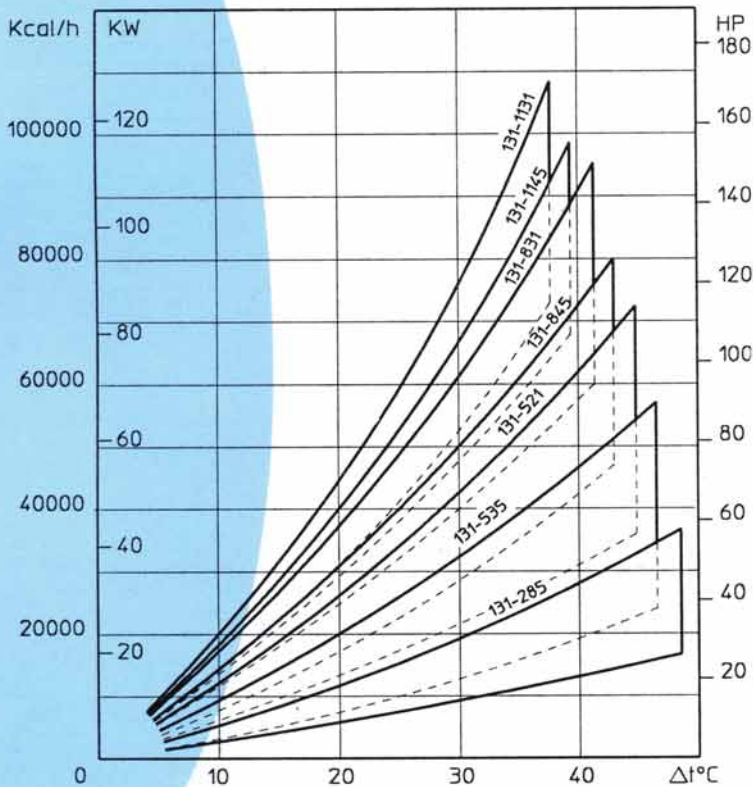
TIPO TYPE	PORTATA OLIO OIL FLOW (l/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL -55°C H2O-20°C	CAPACITA' CONTENTS (l)	Kg	Dimensioni - Over all dimension											
					1 Pass				2 Pass				4 Pass			
					ØF	I	L	L1	ØF	I	L	L1	ØF	I	L	L1
MGB131-285-	50-140	17-38	2.7	17	1 1/2"	285	563	377	1 1/2"	285	532	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

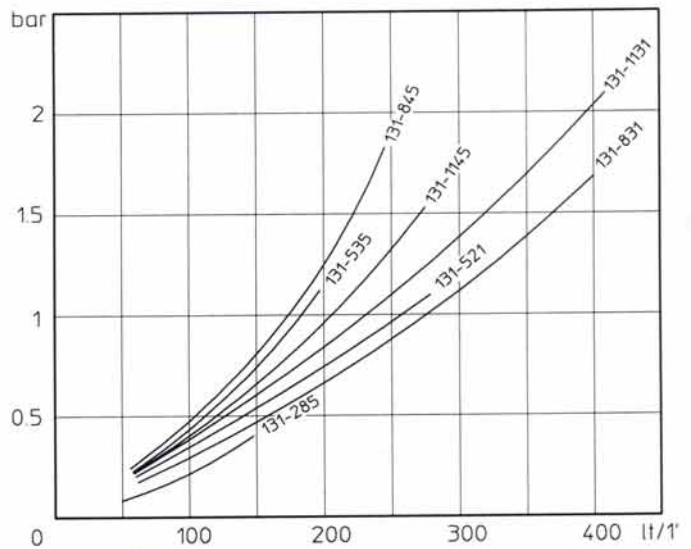
At the maximum and minimum flow stated in schedule



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

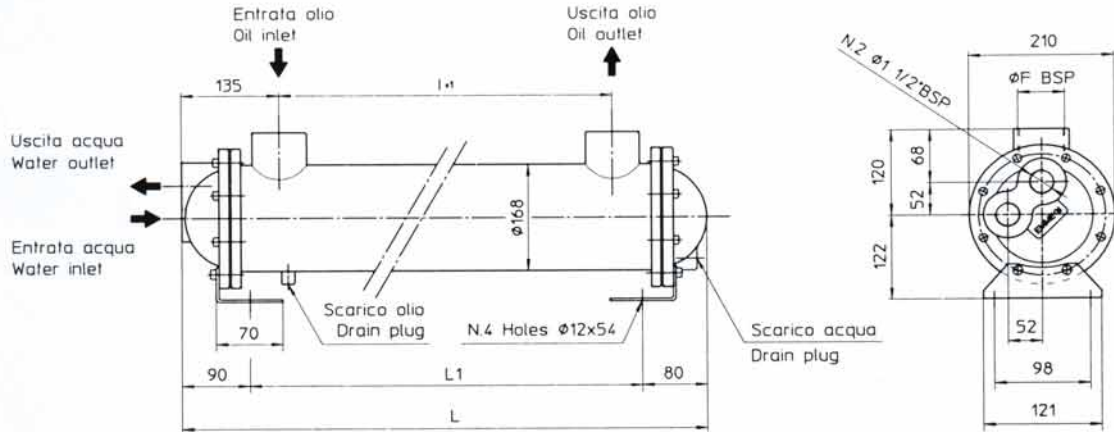
CST	10	15	20	30	40	50	60	80	100	200	300
F	0.5	0.65	0.77	1	1.2	1.4	1.6	1.9	2.1	3.3	4.3

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



Scambiatori acqua-olio serie MGB 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	MANTELLLO 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

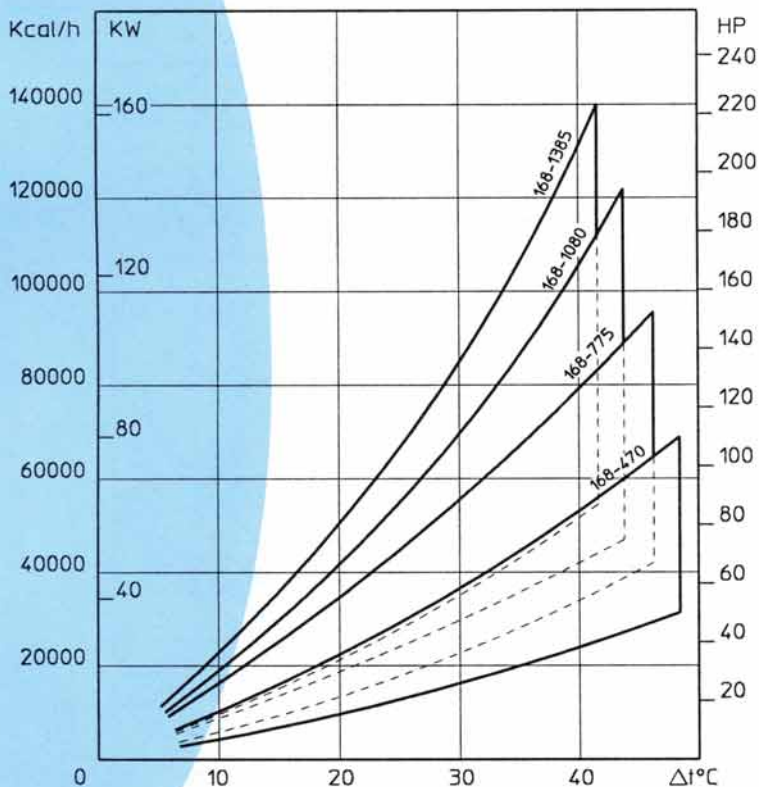
TIPO TYPE	PORTATA OLIO OIL FLOW (l/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL =55°C H2O=20°C	CAPACITA' CONTENTS (l)	Kg	Dimensioni - Over all dimension			
					4 Pass			
					øF	l	L	L1
MGB 168-470-4	100-450	32-72	8.3	35	2"	470	758	578
MGB 168-775-4	120-500	45-105	12.5	43	2"	775	1063	883
MGB 168-1080-4	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



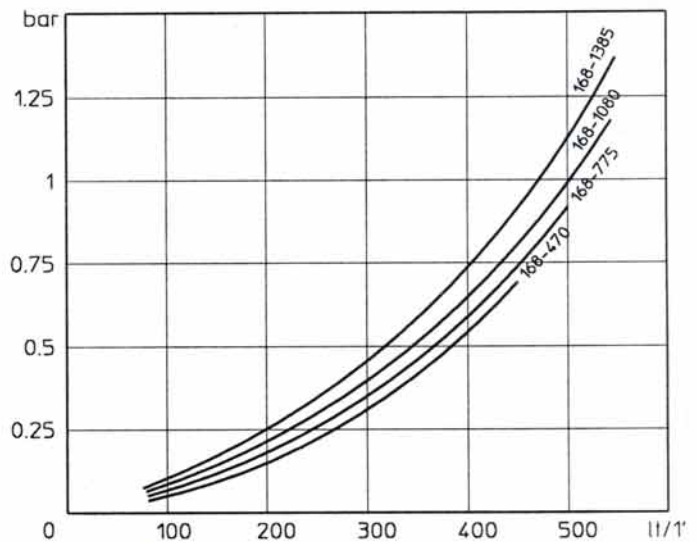
FATTORE DI CORREZIONE (F)-PERDITE DI CARICO

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

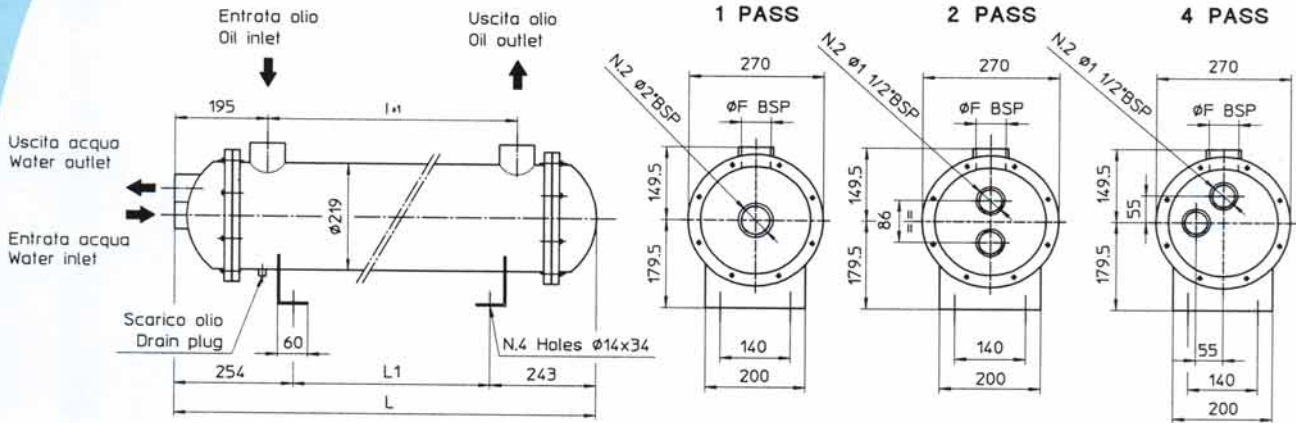
PERDITE DI CARICO (32 cst)

PRESSURE DROP (32 cst)



Scambiatori acqua-olio serie MGB 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

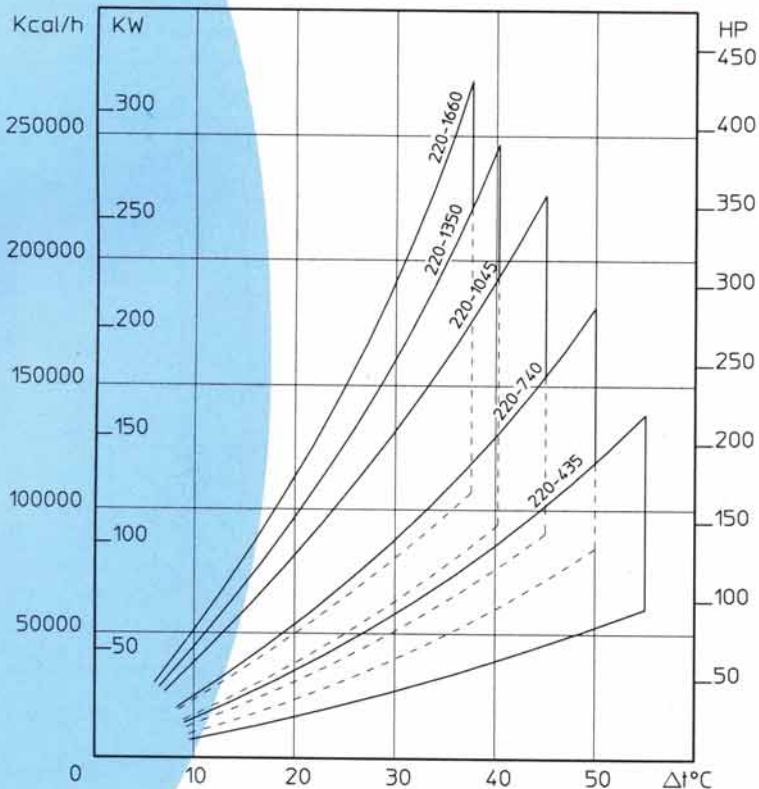
TIPO TYPE	PORTATA OLIO OIL FLOW (lt/min)	HP DISPERSI CON OLIO HP DISSIPATED WITH OIL +55°C H ₂ O=20°C	CAPACITA' CONTENTS (lt)	Kg	Dimensioni - Over all dimension											
					1 Pass				2 Pass				4 Pass			
					øF	I	L	L1	øF	I	L	L1	øF	I	L	L1
MGB220-435-..	80-800	50-120	11	48	2 1/2"	435	839	330	2 1/2"	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)

