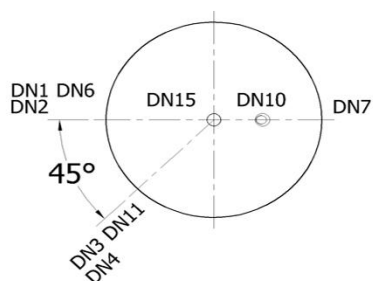
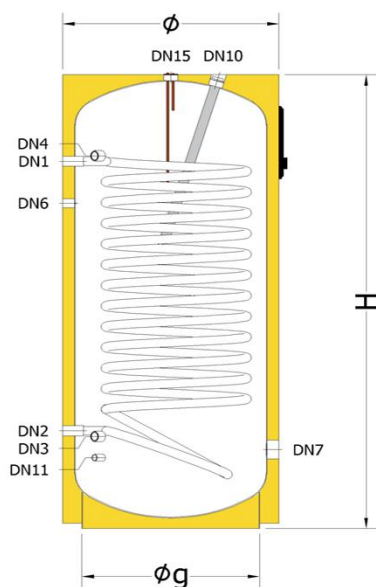
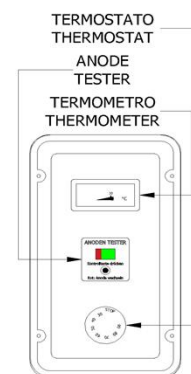
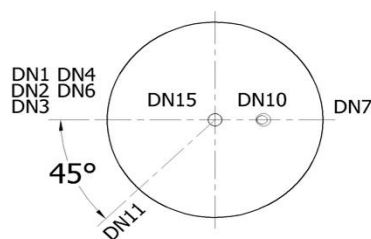
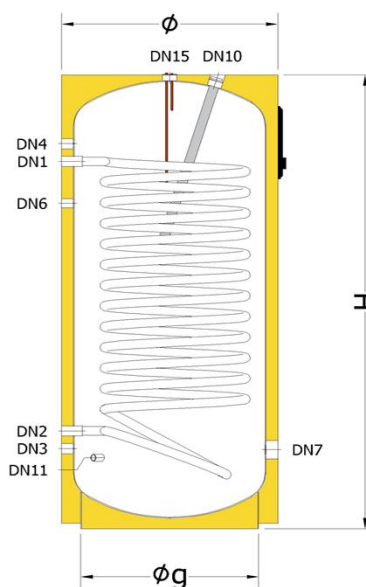


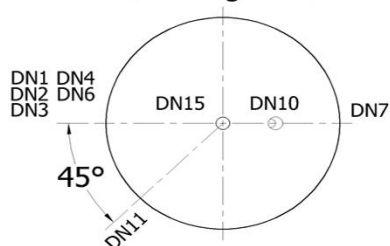
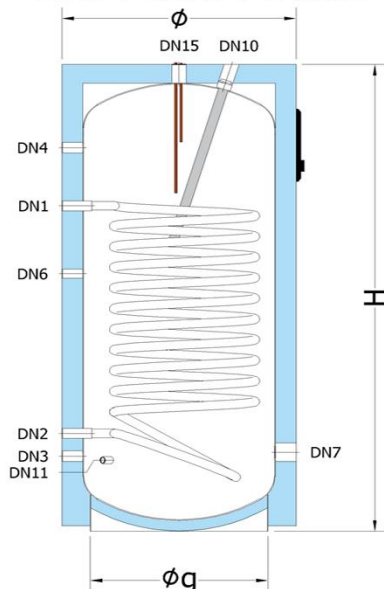
BSM 150÷200



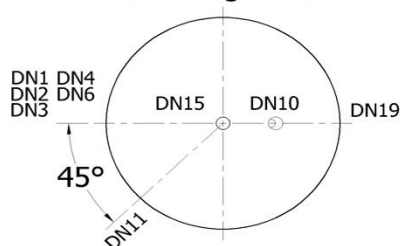
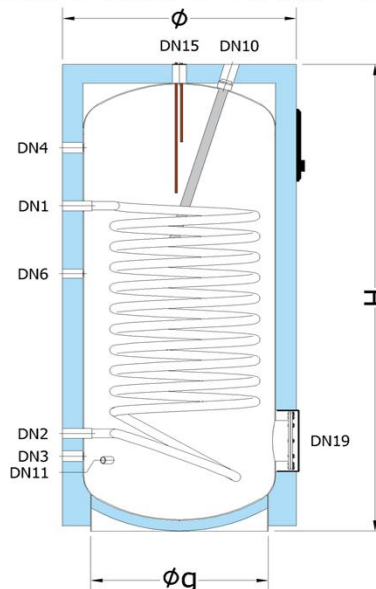
BSM 300÷500



BSM 800÷1000



BSM 800÷1000+FL



Dati dimensionali / Ratings data sheet

		Modello / Type									
Pos.	Descrizione Description		BSM								
Cod.	Codice Code		A3C0L43 PGP40	A3C0L47 PGP40	A3C0L51 PGP40	A3C0L53 PGP40	A3C0L55 PGP40	A3C0L60 VG470	A3C0L62 VG470	A3C1L60 VG470	A3A1L62 VG470
-	Capacità nominale <i>Nominal capacity</i>	L	150	200	300	400	500	800	1000	800+FL	1000+FL
-	Volume utile (accumulo) <i>Storage volume (DHW tank)</i>	L	146	185	279	400	478	764	888	768	892
-	Volume utile (serpentino) <i>Storage volume (coil)</i>	L	7	10	11	13	17	21	28	21	28
-	Superficie di scambio <i>Coil surface</i>	m²	1,1	1,6	1,9	2,1	2,7	3,5	4,5	3,5	4,5
-	Classe di efficienza energetica <i>Energy efficiency class</i>		B	B	B	C	C	C	C	C	C
-	Dispersione termica <i>Standing loss</i>	W	53	57	65	98	108	125	130	131	135
Ø	Diametro accumulatore <i>Cylinder diameter</i>	mm	600	600	650	750	750	1020	1020	1020	1020
H	Altezza <i>Height</i>	mm	950	1170	1410	1450	1710	1870	2120	1870	2120
Ø _G	Diametro gonna <i>Skirt diameter</i>	mm	460	460	510	60	600	760	760	760	760
-	Quota di ribaltamento <i>Pivot measurement</i>	mm	1130	1320	1560	1640	1870	2140	2360	2140	2360
DN1	Quota connessione <i>Connection height</i>	mm	715	920	1030	960	1140	1270	1510	1270	1510
DN2	Quota connessione <i>Connection height</i>	mm	275	300	365	385	385	450	450	450	450
DN3	Quota connessione <i>Connection height</i>	mm	290	290	260	280	280	340	340	340	340
DN4	Quota connessione <i>Connection height</i>	mm	720	940	1160	1180	1430	1460	1710	1460	1710
DN6	Quota connessione <i>Connection height</i>	mm	590	770	890	850	1000	995	1295	995	1295
DN7	Quota connessione <i>Connection height</i>	mm	250	255	310	330	330	440	440	/	/
DN11	Quota connessione <i>Connection height</i>	mm	225	225	245	265	265	320	320	320	320
DN19	Quota connessione <i>Connection height</i>	mm	/	/	/	/	/	/	/	435	435

Modello / Type

Pos.	Descrizione Description		BSM								
-	Capacità nominale <i>Nominal capacity</i>	L	150	200	300	400	500	800	1000	800+FL	1000+FL
DN1	Entrata fluido primario scambiatore Flow to heat exchanger		G1"	G1"	G1"	G1"	G1"	G1¼"	G1¼"	G1¼"	G1¼"
DN2	Uscita fluido primario scambiatore Flow from heat exchanger		G1"	G1"	G1"	G1"	G1"	G1¼"	G1¼"	G1¼"	G1¼"
DN3	Entrata acqua fredda sanitaria Mains water supply		G1"	G1"	G1"	G1"	G1"	G1¼"	G1¼"	G1¼"	G1¼"
DN4	Uscita acqua calda DHW draw-off		G1"	G1"	G1"	G1"	G1"	G1¼"	G1¼"	G1¼"	G1¼"
DN6	Ricircolo Recirculation		G¾"	G¾"	G¾"	G¾"	G¾"	G1"	G1"	G1"	G1"
DN7	Predisp. per resistenza elettrica Provision for immersion heater		G2"	G2"	G2"	G2"	G2"	G2"	G2"	/	/
DN10	Anodo di magnesio Magnesium anode		G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"
DN11	Scarico Drain		G½"	G½"	G½"	G½"	G½"	G¾"	G¾"	G¾"	G¾"
DN15	Guaina porta-strumenti Instruments sheat		G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"	G1¼"
DN19	Boccaporto di ispezione Inspection hatch		/	/	/	/	/	/	/	Øi 220	Øi 220

Pressione massima di esercizio (accumulo) Max. working pressure (cylinder)	bar	10
Temperatura massima di esercizio (accumulo) Max. working temperature (cylinder)	°C	+95
Pressione massima di esercizio (serpentino) Max. working pressure (coil)	bar	12
Temperatura massima di esercizio (serpentino) Max. working temperature (coil)	°C	+110

Caratteristiche della coibentazione / Insulation characteristics:

Modello Type	Tipo coibentazione Insulation type	Spessore coibentazione Insulation thickness	Finitura Finish
BSM-150	Poliuretano espanso rigido con il 95% di cellule chiuse, esente CFC e HCFC, classe di resistenza al fuoco B2 secondo DIN 4102-1 <i>Rigid expanded polyurethane with 95% closed cells, CFC and HCFC free, fire resistance class B2 acc. to DIN 4102-1</i>	50 mm	Polistirolo grigio RAL 9006 <i>Polystyrene gray RAL 9006</i>
BSM-200			
BSM-300			
BSM-400			
BSM-500			
BSM-800	Fibra di poliestere 100% riciclabile, classe di resistenza al fuoco B1 secondo DIN 4102-1 <i>100% recyclable polyester fiber, fire resistance class B1 acc. to DIN 4102-1</i>	110 mm	PVC grigio RAL 9006 <i>PVC gray RAL 9006</i>
BSM-1000			

Dispositivi di protezione / Protective devices:

Modello Type	Anodo di magnesio in dotazione Installed magnesium anode	Vaso di espansione raccomandato lato ACS(*) Recommended sanitary expansion tank(*)
BSM-150	nr. 1 - Ø32x1¼" L=320 - cod. 8560040	DP-8
BSM-200	nr. 1 - Ø32x1¼" L=320 - cod. 8560040	DP-11
BSM-300	nr. 1 - Ø32x1¼" L=520 - cod. 8560060	DP-18
BSM-400	nr. 1 - Ø32x1¼" L=520 - cod. 8560060	DP-18
BSM-500	nr. 1 - Ø32x1¼" L=700 - cod. 8560080	DP-24
BSM-800	nr. 1 - Ø32x1¼" L=700 - cod. 8560080	DP-35
BSM-1000	nr. 1 - Ø32x1¼" L=700 - cod. 8560080	DPV-50

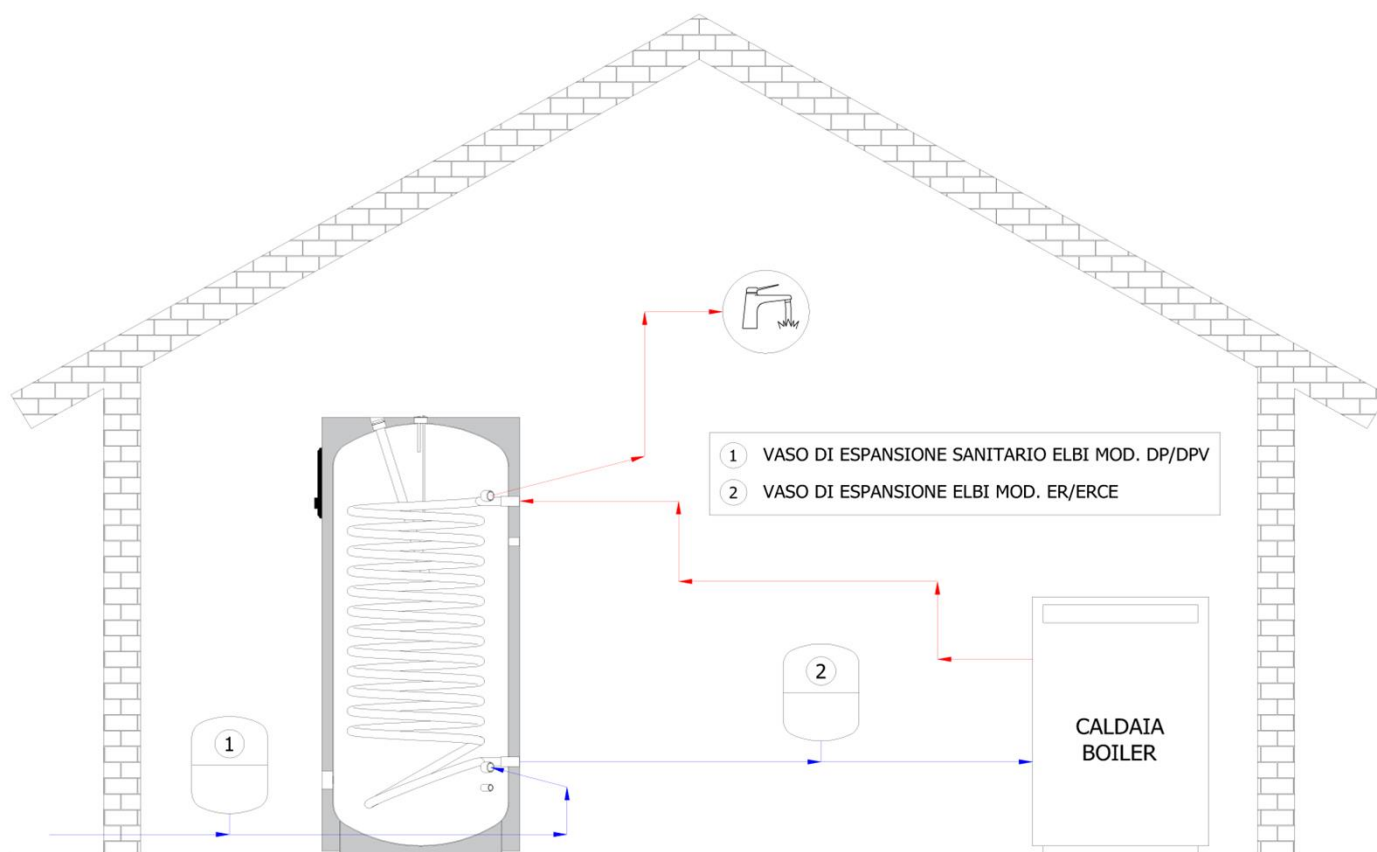
(*) Il vaso di espansione deve essere sempre dimensionato da un progettista termotecnico esperto sulla base dei dati effettivi dell'impianto.

The expansion tank must always be sized by an expert technician on the basis of actual system parameters.

Resistenze elettriche / Immersion heaters:

Codice Code	Potenza Power	Alimentazione Source	Attacco Connection	Lunghezza Length	Applicabilità / Applicable to BSM type						
					150	200	300	400	500	800	1000
RESISTENZE SENZA TERMOSTATO / IMMERSION HEATERS WITHOUT THERMOSTAT											
8601000	1	220V / 1F	G1¼"	295	✓	✓	✓	✓	✓	✓	✓
8601650	1,65	220V / 1F	G1¼"	450	✓	✓	✓	✓	✓	✓	✓
8602000	2	220V / 1F	G1¼"	515	✗	✗	✗	✓	✓	✓	✓
8602600	2,6	220V / 1F	G1¼"	675	✗	✗	✗	✗	✗	✓	✓
8602601	2,6	220V / 1F	G1¼"	360	✓	✓	✓	✓	✓	✓	✓
8603301	3,3	220V / 1F	G1¼"	435	✓	✓	✓	✓	✓	✓	✓
8604001	4	220V / 1F	G1¼"	510	✗	✗	✗	✓	✓	✓	✓
8705000	5	380V / 3F	G1½"	445	✓	✓	✓	✓	✓	✓	✓
8706000	6	380V / 3F	G1½"	510	✗	✗	✗	✓	✓	✓	✓
8708000	8	380V / 3F	G1½"	670	✗	✗	✗	✗	✗	✓	✓
RESISTENZE CON TERMOSTATO / IMMERSION HEATERS WITH THERMOSTAT											
8T01500	1,5	220V / 1F	G1½"	320	✓	✓	✓	✓	✓	✓	✓
8T02000	2	220V / 1F	G1½"	320	✓	✓	✓	✓	✓	✓	✓
8T02200	2,2	220V / 1F	G1½"	320	✓	✓	✓	✓	✓	✓	✓
8T02500	2,5	220V / 1F	G1½"	320	✓	✓	✓	✓	✓	✓	✓
8T03000	3	220V / 1F	G1½"	320	✓	✓	✓	✓	✓	✓	✓
8T04000	4	380V / 3F	G1½"	400	✓	✓	✓	✓	✓	✓	✓
8T05000	5	380V / 3F	G1½"	500	✗	✗	✓	✓	✓	✓	✓
8T06000	6	380V / 3F	G1½"	600	✗	✗	✗	✓	✓	✓	✓
8T09000	9	380V / 3F	G1½"	700	✗	✗	✗	✗	✗	✓	✓

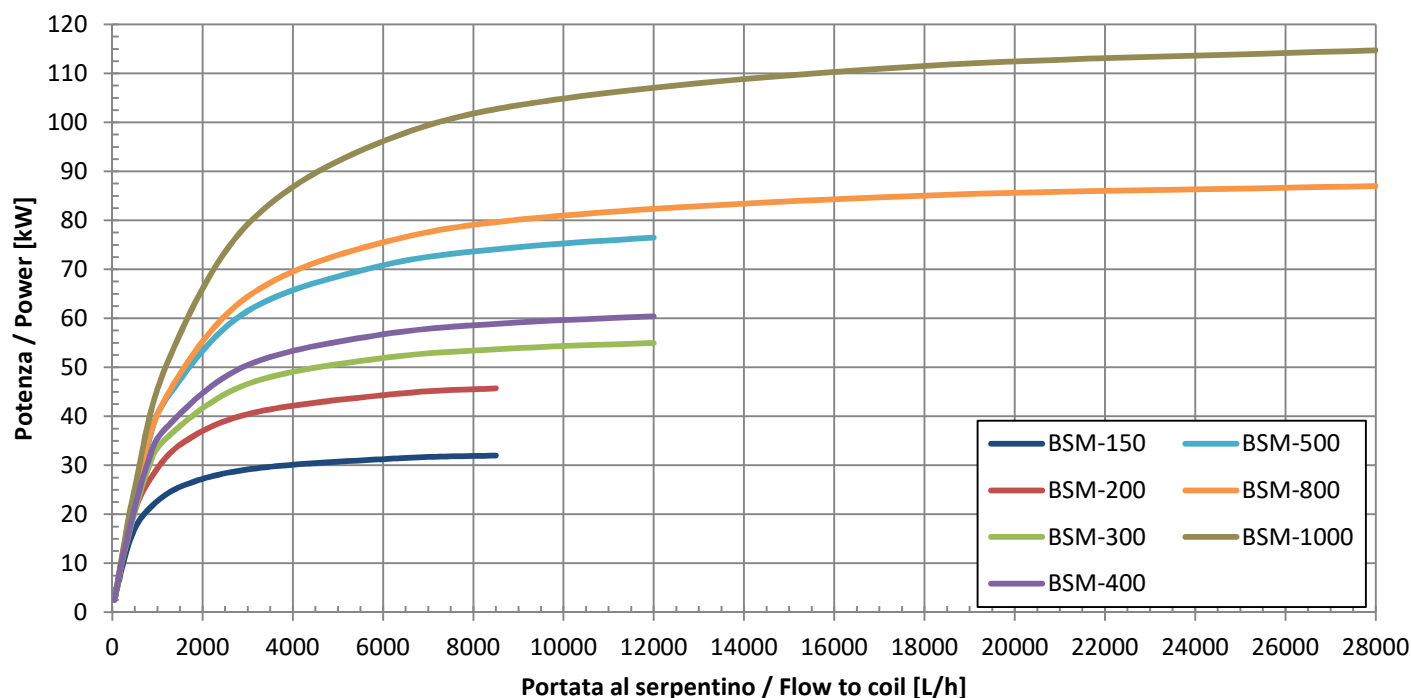
Esempio di installazione / Installation scheme:



Prestazioni teoriche / typical performances:

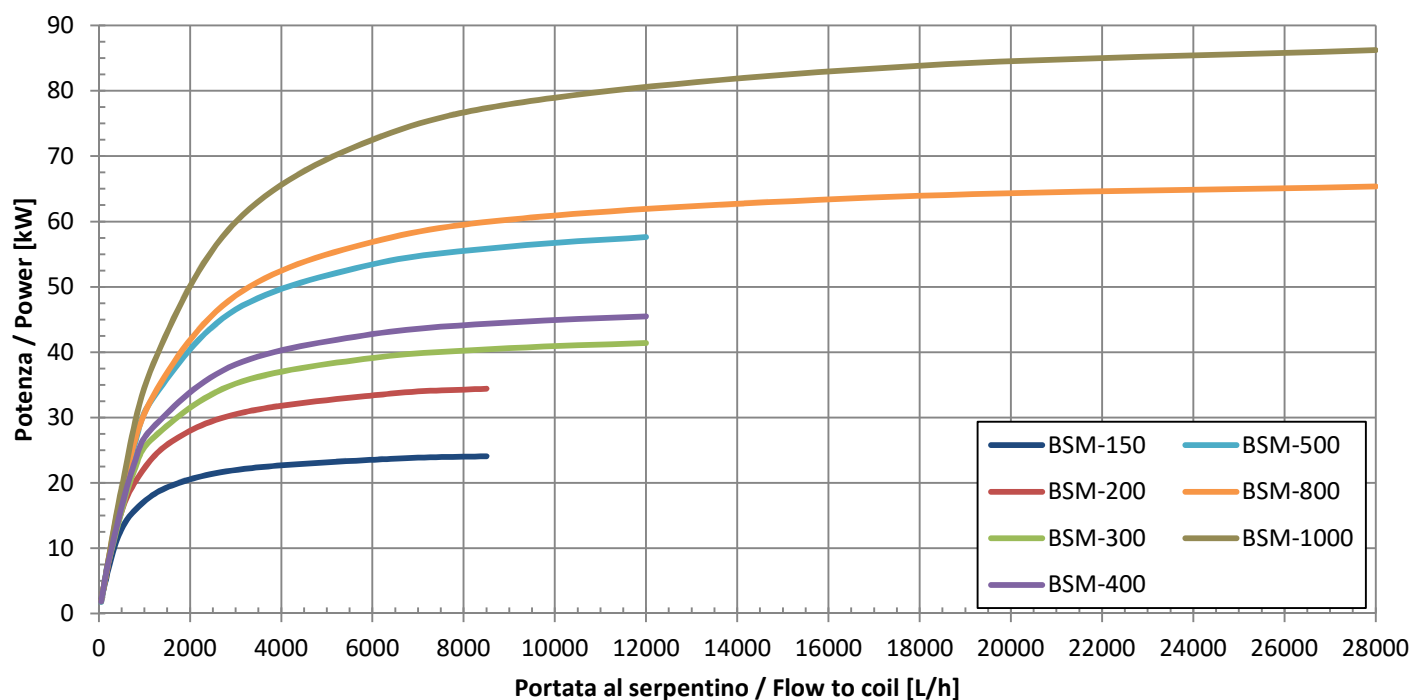
Potenza scambiata / Exch. power

$T_{in,coil} = 80\text{ °C}$; $T_{serb,in} = 10\text{ °C}$, $T_{serb,out} = 45\text{ °C}$



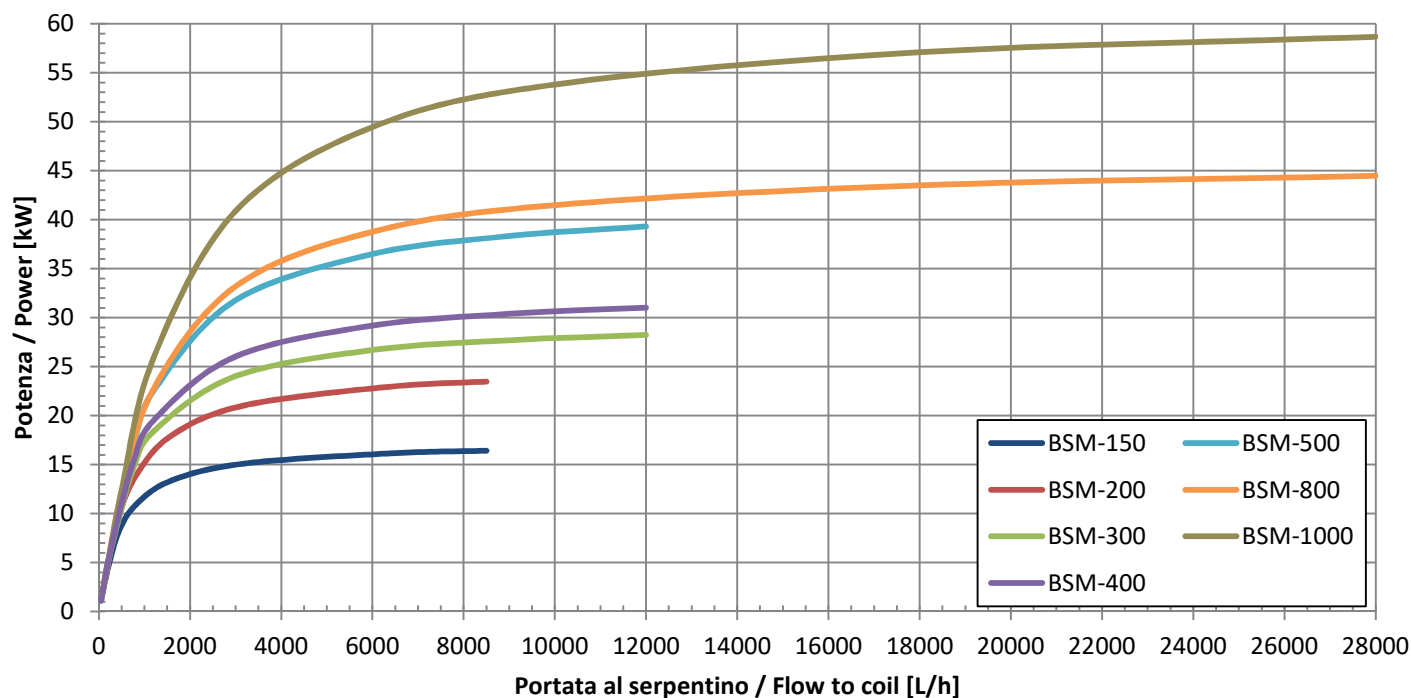
Potenza scambiata / Exch. power

$T_{in,coil} = 70\text{ °C}$; $T_{serb,in} = 10\text{ °C}$, $T_{serb,out} = 45\text{ °C}$



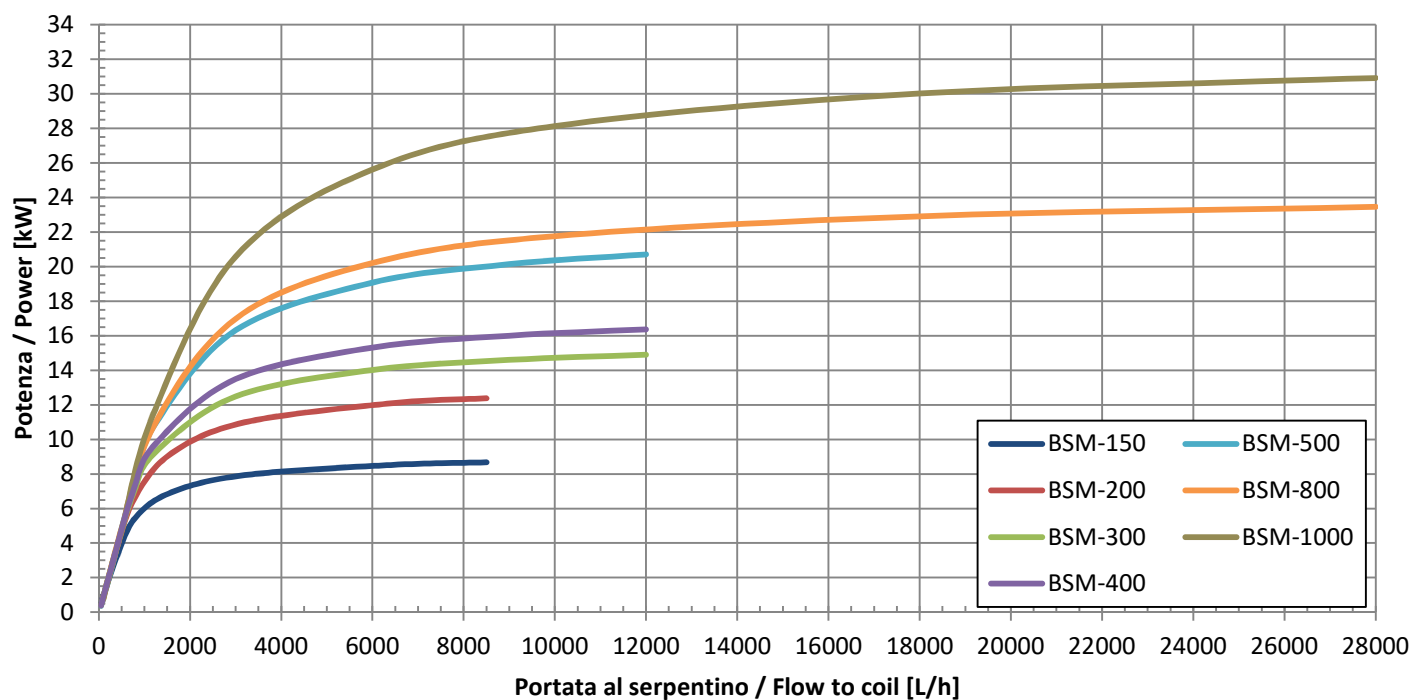
Potenza scambiata / Exch. power

$T_{in,coil} = 60\text{ }^{\circ}\text{C}$; $T_{serb,in} = 10\text{ }^{\circ}\text{C}$, $T_{serb,out} = 45\text{ }^{\circ}\text{C}$

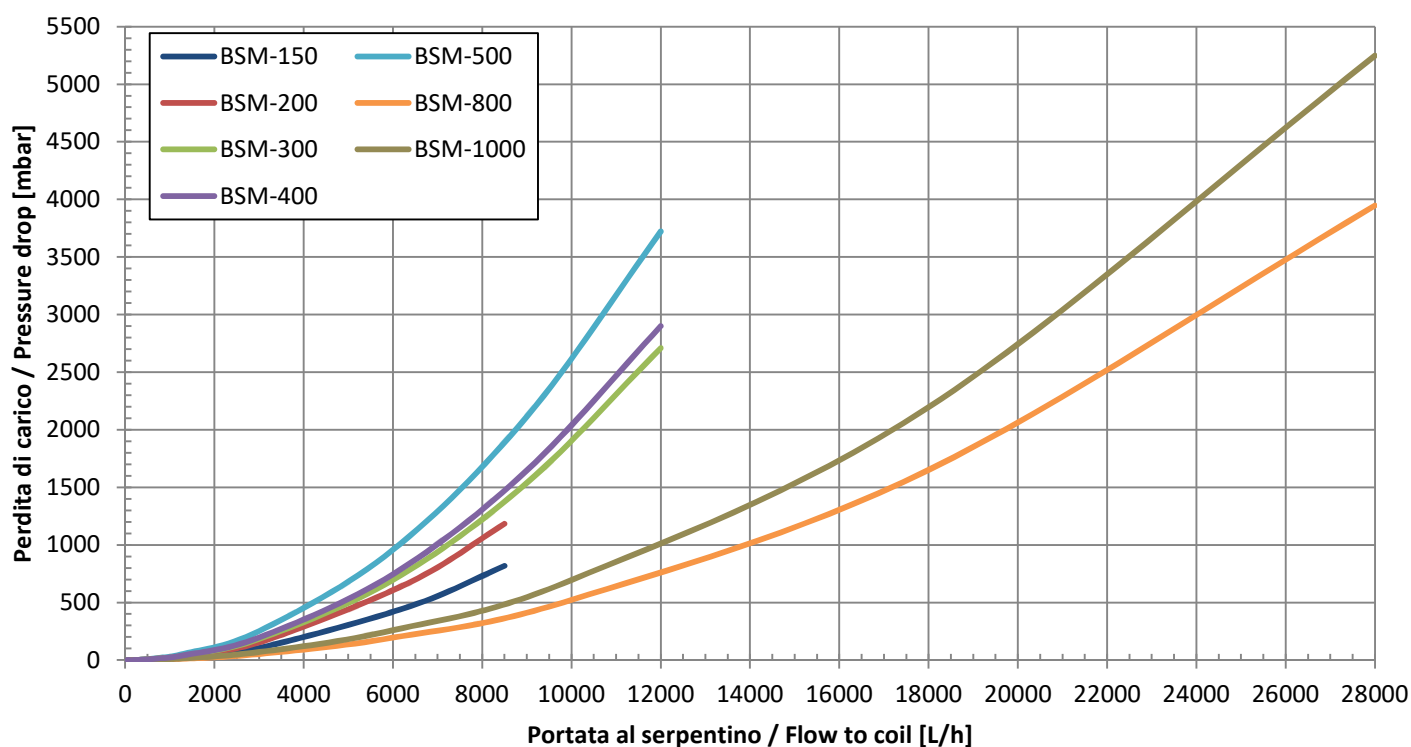


Potenza scambiata / Exch. power

$T_{in,coil} = 50\text{ }^{\circ}\text{C}$; $T_{serb,in} = 10\text{ }^{\circ}\text{C}$, $T_{serb,out} = 45\text{ }^{\circ}\text{C}$



Perdita di carico al serpentino / Coil pressure drop



Note / Notes:

1. Il serbatoio subisce un trattamento anticorrosivo interno di **VETRIFICAZIONE** in accordo con la norma DIN 4753 che assieme alla protezione catodica garantisce una protezione interna totale dalla corrosione ed è idoneo per il contenimento di acqua calda per uso igienico sanitario.

*Internal surface of cylinder is **VITREOUS ENAMELED** according to DIN 4753 standard, this treatment together with the cathodic protection guarantees total internal protection from corrosion and make it suitable for hot sanitary water applications.*

2. I bollitori serie **BSM** sono conformi all'art. 4.3 della **Direttiva 2014/68/UE** ed alla **Direttiva 2009/125/CE**.
BSM series cylinders are in compliance with **Directive No. 2014/68/EU** art. 4.3 and **Directive 2009/125/CE**.
3. I bollitori ELBI serie **BSM** sono garantiti **5 anni**.
5 years warranty on ELBI Hot Water Cylinders BSM series.