

SLSB(I) Screw Type(Type I) Water Cooled Water Chiller

Cooling capacity

301KW-2227KW

Product feature

- Single unit with large capacity.
- Using imported screw compressors.
 - The innovative design of rotors profile lead to the high compression efficiency.
 - High quality bearings lead to the low noise level and long operating time.
 - Electronic protection module can avoid the damage to the compressor and the operating time can reach 60,000 hours.
- Automatic computer controlling cabinet.
 - World top-rank electronic controlling components can provide all kind of auto-controlling and protective function.
 - Operating state can be showed in the liquid crystal display and the operating parameter can be controlled and modified.
 - Intelligent operation can be achieved by central computer.
- Heat exchanger of top quality.
 - Self-designed shell and tube heat exchanger lead to logical matching.



Item	Model	SLSB300 I	SLSB400 I	SLSB500 I	SLSB550 I	SLSB600 I
Cooling capacity	kW	301	378	459	557	611
Power Input	kW	68.5	83.6	97.9	115.0	127.8
Compressor	Qty	1	1	1	1	1
Energy adjust method		Automatic				
Energy adjust range %		50,75,100	50,75,100	50,75,100	50,75,100	25%+12.5% increase
Refrigerant	kg	60	75	80	83	87
Electrical specification	Power supply	380V-3Ph-50HZ				
	Protection	High/Low pressure /water lacking/compressor overload/ oil heater/inverse phase/ safty valve				
Chilled water flow	t/h	52	65	79	96	105
Cooling water flow	t/h	63	79	95	115	127
Condenser	Temperature of inlet water (°C)	20~35				
	Max. pressure of condensing(Mpa)	2.5				
	Max. pressure of water side (Mpa)	1.0				
	Pressure drop of water side (Kpa)	50				
	Water connector (mm)	DN100	DN100	DN125	DN125	DN125
Evaporator	Temperature of outlet water (°C)	5-13				
	Max. pressure of water side (Mpa)	1.0				
	Pressure drop of water side (Kpa)	50				
	Water connector (mm)	DN100	DN100	DN125	DN125	DN150
Coefficient of dirt (m ² .k/kw)		0.086				
Dimension Length×Width×Height (mm)		3100×1200×1750	3440×1200×1780	3500×1280×1530	3570×1315×1610	3580×1400×1690
Unit weight	kg	1850	2050	2350	2490	2830
Shipping weight	kg	2450	2650	2950	3090	3430
Running weight	dB(A)	1980	2220	2570	2710	3160

Note:

Cooling condition: Temperature of inlet chilled water 12°C, temperature of outlet chilled water 7°C
 Temperature of inlet cooling water 30°C, temperature of outlet cooling water 35°C

Item	Model	SLSB800 I	SLSB900 I	SLSB1100 I	SLSB1200 I	SLSB1400 I
Cooling capacity	kW	777	944	1114	1222	1500
Power Input	kW	165.4	193.8	230.0	255.6	324.4
Compressor	Qty	2	2	2	2	2
Energy adjust method		Automatic				
Energy adjust range %		25%+12.5% increase	25%+12.5% increase	25%+12.5% increase	25%+12.5% increase	25%+12.5% increase
Refrigerant	kg	75×2	78×2	83×2	87×2	110×2
Electrical specification	Power supply	380V-3Ph-50HZ				
	Protection	High/Low pressure /water lacking/compressor overload/ oil heater/inverse phase/ safty valve				
Chilled water flow	t/h	133	162	191	209	257
Cooling water flow	t/h	162	195	230	253	313
Condensor	Temperature of inlet water (°C)	20~35				
	Max. pressure of condensing(Mpa)	2.5				
	Max. pressure of water side (Mpa)	1.0				
	Pressure drop of water side (Kpa)	50				
	Water connector (mm)	DN150	DN150	DN150	DN150	DN200
Evaporator	Temperature of outlet water (°C)	5-13				
	Max. pressure of water side (Mpa)	1.0				
	Pressure drop of water side (Kpa)	50				
	Water connector (mm)	DN150	DN150	DN150	DN200	DN200
Coefficient of dirt (m ² .k/kw)		0.086				
Dimension Length×Width×Height (mm)		4250×1440×1590	4220×1430×1690	4405×1490×1680	4410×1515×1780	4780×1620×1790
Unit weight	kg	3950	3950	4690	5240	6300
Shipping weight	kg	4700	4700	5450	6000	7070
Running weight	dB(A)	4350	4510	5360	5900	7060

Note:

Cooling condition: Temperature of inlet chilled water 12°C, temperature of outlet chilled water 7°C
 Temperature of inlet cooling water 30°C, temperature of outlet cooling water 35°C