

LSBLGWXXX/C		380	500	600	720
Cooling capacity	kW	376	496	594	720
Power input	kW	124	159	187	234
COP	kW/kW	3.03	3.12	3.17	3.07
IPLV	kW/kW	3.93	4.02	3.94	3.87
Semi-hermetic screw compressor					
Circuit A	Quantity	1	1	1	1
Circuit B	Quantity	--	--	--	--
Oil recharge	Type	BSE170	BSE170	BSE170	BSE170
Circuit A	L	30	30	30	32
Circuit B	L	--	--	--	--
Refrigerant	Type	R134a	R134a	R134a	R134a
Circuit A	kg	76	90	105	140
Circuit B	kg	--	--	--	--
Control Type		EXV	EXV	EXV	EXV
Evaporator	Type	Shell and tube heat exchanger(DX)			
Water content	L	222	308	340	520
Water flow	m <sup>3</sup> /h	65.4	86	103.2	123.8
Pressure drop	kPa	39	54	56	58
Max. woking pressure(water side)	MPa	1	1	1	1
Pipe connection type		Victaulic coupling			
Water inlet/outlet pipe dim		DN125	DN125	DN125	DN150
Condenser	Type	Fin-coil	Fin-coil	Fin-coil	Fin-coil
Fan	Quantity	6	8	10	10
Total air flow	m <sup>3</sup> /h	23000x6	23000x8	23000x10	23000x10
Fan speed	rpm	940	940	940	940
Unit size(LxWxH)	mm	3810x2280x2370	4865x2280x2370	5800x2280x2370	5800x2280x2370
Shipping weight	kg	3320	4330	5000	5500
Running weight	kg	3540	4640	5340	6020

LSBLGWXXX/C		900	1000	1200	1420
Cooling capacity	kW	902	996	1203	1419
Power input	kW	285	318	381	466
COP	kW/kW	3.16	3.13	3.15	3.04
IPLV	kW/kW	3.94	4.01	4.10	3.80
Semi-hermetic screw compressor					
Circuit A	Quantity	1	1	1	1
Circuit B	Quantity	1	1	1	1
Oil recharge	Type	BSE170	BSE170	BSE170	BSE170
Circuit A	L	30	30	30	32
Circuit B	L	30	30	30	32
Refrigerant	Type	R134a	R134a	R134a	R134a
Circuit A	kg	76	90	105	140
Circuit B	kg	90	90	105	140
Control Type		EXV	EXV	EXV	EXV
Evaporator	Type	Shell and tube heat exchanger(DX)			
Water content	L	620	600	770	910
Water flow	m <sup>3</sup> /h	154.8	172	206.4	244.2
Pressure drop	kPa	74	75	71	69
Max. woking pressure(water side)	MPa	1	1	1	1
Pipe connection type		Victaulic coupling			
Water inlet/outlet pipe dim.		DN150	DN150	DN200	DN200
Condenser	Type	Fin-coil	Fin-coil	Fin-coil	Fin-coil
Fan	Quantity	14	16	16	20
Total air flow	m <sup>3</sup> /h	23000x14	23000x16	23000x16	23000x20
Fan speed	rpm	940	940	940	940
Unit size(LxWxH)	mm	8800x2280x2370	9640x2280x2370	9640x2280x2370	11700x2280x2370
Shipping weight	kg	7750	8900	9100	11100
Running weight	kg	8370	9500	9870	12010

LSBLGWXXX/C		380	500	600	720
Standard voltage		380V 3Ph 50Hz			
Voltage range	V	340~420			
Max. running current	A	287	368	412	523
Max. power consumption	kW	124	159	187	234
Rated current	A	212	271	319	398
Compressor A					
Locked rotor Amps.	A	586	805	805	917
Max. allowed current	A	370	450	450	480
Rated current	A	187	239	278	358
Rated power	kW	109.6	139.8	163	210
Compressor B					
Locked rotor Amps.	A	--	--	--	--
Max. allowed current	A	--	--	--	--
Rated current	A	--	--	--	--
Rated power	kW	--	--	--	--
Fan					
Full load Amps.(each)	A	5.6	5.6	5.6	5.6
Power input(each)	kW	2.4	2.4	2.4	2.4
Total input	kW	14.4	19.2	24	24
Crankcase heater					
Voltage	V	220	220	220	220
Total input	kW	0.3	0.3	0.3	0.3
Total Amps.	A	1.36	1.36	1.36	1.36

LSBLGWXXX/C		900	1000	1200	1420
Standard voltage		380V 3Ph 50Hz			
Voltage range	V	340~420			
Max. running current	A	655	368	824	1046
Max. power consumption	kW	285	318	381	466
Rated current	A	483	542	650	796
Compressor A					
Locked rotor Amps.	A	586	805	805	917
Max. allowed current	A	370	450	450	480
Rated current	A	187	239	292	358
Rated power	kW	109.6	139.8	171.3	210
Compressor B					
Locked rotor Amps.	A	805	805	805	917
Max. allowed current	A	450	450	450	480
Rated current	A	239	239	292	358
Rated power	kW	139.8	139.8	171.3	210
Fan					
Full load Amps.(each)	A	5.6	5.6	5.6	5.6
Power input(each)	kW	2.4	2.4	2.4	2.4
Total input	kW	33.6	38.4	38.4	48
Crankcase heater					
Voltage	V	220	220	220	220
Total input	kW	0.6	0.6	0.6	0.6
Total Amps.	A	2.72	2.72	2.72	2.72

LSBLGWXXX/C(T3)		380	500	600	760
Cooling capacity	kW	376	496	594	756
Power input	kW	124	159	187	246
COP	kW/kW	3.03	3.12	3.17	3.07
IPLV	kW/kW	3.93	4.02	3.94	4.12
Semi-hermetic screw compressor					
Circuit A	Quantity	1	1	1	1
Circuit B	Quantity	--	--	--	1
Oil recharge	Type	BSE170	BSE170	BSE170	BSE170
Circuit A	L	30	30	30	30
Circuit B	L	--	--	--	30
Refrigerant	Type	R134a	R134a	R134a	R134a
Circuit A	kg	76	90	105	76
Circuit B	kg	--	--	--	76
Control Type		EXV	EXV	EXV	EXV
Evaporator	Type	Shell and tube heat exchanger(DX)			
Water content	L	222	308	340	550
Water flow	m <sup>3</sup> /h	65.4	86	103.2	130.7
Pressure drop	kPa	39	54	56	75
Max. woking pressure (water side)	MPa	1	1	1	1
Pipe connection type		Victaulic coupling			
Water inlet/outlet pipe dim		DN125	DN125	DN125	DN150
Condenser	Type	Fin-coil	Fin-coil	Fin-coil	Fin-coil
Fan	Quantity	6	8	10	12
Total air flow	m <sup>3</sup> /h	23000x6	23000x8	23000x10	23000x12
Fan speed	rpm	940	940	940	940
Unit size (L×W×H)	mm	3810x2280x2370	4865x2280x2370	5800x2280x2370	7400x2280x2370
Shipping weight	kg	3420	4460	5170	6630
Running weight	kg	3640	4770	5510	7080

LSBLGWXXX/C(T3)		900	1000	1200
Cooling capacity	kW	902	996	1203
Power input	kW	285	318	381
COP	kW/kW	3.16	3.13	3.157
IPLV	kW/kW	3.94	4.01	4.26
Semi-hermetic screw compressor				
Circuit A	Quantity	1	1	1
Circuit B	Quantity	1	1	1
Oil recharge	Type	BSE170	BSE170	BSE170
Circuit A	L	30	30	30
Circuit B	L	30	30	30
Refrigerant	Type	R134a	R134a	R134a
Circuit A	kg	76	90	105
Circuit B	kg	90	90	105
Control Type		EXV	EXV	EXV
Evaporator	Type	Shell and tube heat exchanger(DX)		
Water content	L	620	600	770
Water flow	m <sup>3</sup> /h	154.8	172	206.4
Pressure drop	kPa	74	75	71
Max. woking pressure (water side)	MPa	1	1	1
Pipe connection type		Vicktualic coupling		
Water inlet/outlet pipe dim		DN150	DN150	DN200
Condenser	Type	Fin-coil	Fin-coil	Fin-coil
Fan	Quantity	14	16	20
Total air flow	m <sup>3</sup> /h	23000x14	23000x16	23000x20
Fan speed	rpm	940	940	940
Unit size (L×W×H)	mm	8800x2280x2370	9640x2280x2370	11700x2280x2370
Shipping weight	kg	7980	9160	9580
Running weight	kg	8600	9760	10350

LSBLGWXXX/C(T3)		380	500	600	760	900	1000	1200
Standard voltage		380V 3Ph 50Hz						
Voltage range	V	340~420						
Max. running current	A	287	368	412	574	655	736	824
Max. power consumption	kW	124	159	187	246	285	318	381
Rated current	A	212	271	319	424	483	542	638
Compressor A								
Locked rotor Amps.	A	586	805	805	586	586	805	805
Max. allowed current	A	370	450	450	370	370	450	450
Rated current	A	187	239	278	187	187	239	278
Rated power	kW	109.6	139.8	163	109.6	109.6	139.8	163
Compressor B								
Locked rotor Amps.	A	--	--	--	586	805	805	805
Max. allowed current	A	--	--	--	370	450	450	450
Rated current	A	--	--	--	187	239	239	278
Rated power	kW	--	--	--	109.6	139.8	139.8	163
Fan								
Full load Amps. (each)	A	5.6	5.6	5.6	5.6	5.6	5.6	5.6
Power input(each)	kW	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Total input	kW	14.4	19.2	24	28.8	33.6	38.4	48
Crankcase heater								
Voltage	V	220	220	220	220	220	220	220
Total input	kW	0.3	0.3	0.3	0.6	0.6	0.6	0.6
Total Amps.	A	1.36	1.36	1.36	2.72	1.36	2.72	2.72