

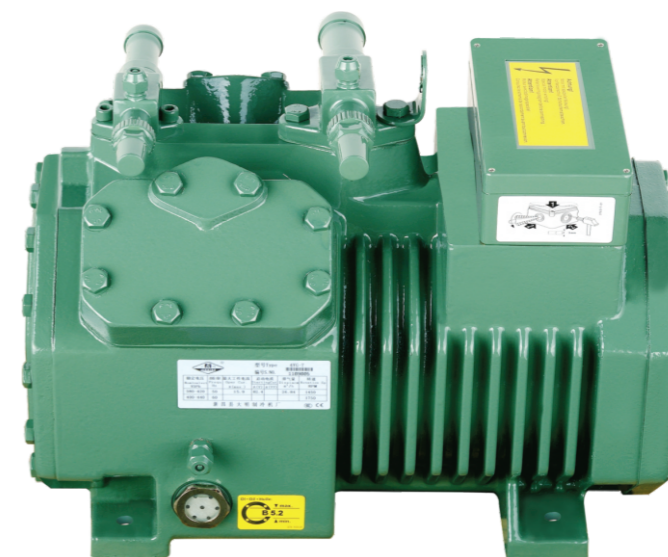
慈溪市航驰广告承制



**大明制冷**  
DAMING REFRIGERATION

**DAMING**  
**REFRIGERATION**

半封闭活塞式制冷压缩机  
SEMI-HERMETIC RECIPROCATING COMPRESSOR



**新昌县大明制冷机厂**

XINCHANG COUNTY DAMING REFRIGERATING MACHINE FACTORY

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**中国一流制冷压缩机制造商**  
Top Refrigeration Compressor Manufacturer



大明制冷  
DAMING REFRIGERATION

# 振兴民族品牌 实现百年梦想

品质为本，  
创新为魂，  
大明制冷秉承质量至上的理念，  
致力于为世界制造更优、更好的压缩机。

Quality-oriented,  
Innovation-focused,  
Adhering to the idea of quality-first,  
We are committed to producing the best compressor.

# DAMING REFRIGERATION



专注细节，力求完美表现。  
Humanized details ensure the perfect performance



新鲜生活，源于优异品质。  
Fresh life originates from reliable quality

# COMPANY PROFILE 公司简介



## 大明制冷

新昌县大明制冷机厂是一家专业从事“金明”半封闭制冷压缩机及机组系列制冷设备研发、设计、制造及销售的科技型民营企业，拥有一支优秀的技术团队和30多年的压缩机制造经验，具有国内领先水平的制冷设备生产基地，销售网络遍及全国。

企业倡导“以质取胜、力求领先”的经营理念，于2001年投入大量资金，引进先进的生产技术设备，研制出BFS31, BFS41-51, BFS81-101, BFS151, 4S151D-4S301G, 6S251D-6S501G和 2YD-2.2--2YG-4.2, 4YD-3.2--4YG-9.2, 4YD-8.2--4YG-20.2, 4VD-15.2--4VG-30.2, 6WD-25.2--6WG-50.2和6WDS-20.2--6WDS-30.2半封闭制冷压缩机及风冷、水冷机组、一体机、并联机等制冷设备。企业建立了从采购、生产、检验到销售全过程的质保控制体系和完善的售后服务体系，并获得国家强制性产品CCC认证，全国工业产品生产许可证和ISO9001:2008国际质量管理体系认证。

企业正以一个积极地姿态，不断引进人才、先进技术和经营理念，本着“品质为本，创新为魂”的企业精神，不断进行生产技术革新，提升产品质量。随着企业规模的不断扩大，产能将被进一步释放，为市场提供更多、更优质的产品。“产品无缺陷，客户无抱怨”是每一个员工的追求。我们也将一如既往地与世界新老朋友广泛合作，携手并进，共创辉煌的明天！

## DAMING REFRIGERATION

Daming refrigeration company is a technical private enterprise specialized in researching into, designing, producing and marketing of Jinming semi-hermetic refrigeration compressor and units. It has a perfect technical team and 30 years' experience in compressor manufacturing. The corporation owns a refrigeration equipment manufacturing base with leading domestic level and a country-wide marketing network.

In order to enhance the competitiveness of the products, the enterprise advocates the managing idea of "winning by quality, striving for leadership". In 2001, the company invested large sum of money to introduce advanced technologies. The company has researched into and developed the BFS31, BFS41-51, BFS81-101, BFS151, 4S151D-4S301G, 6S251D-6S501G and the 2YD-2.2--2YG-4.2, 4YD-3.2--4YG-9.2, 4YD-8.2--4YG-20.2, 4VD-15.2--4VG-30.2, 6WD-25.2--6WG-50.2 and the 6WDS-20.2--6WDS-30.2 refrigeration compressors and air and water cooled units, box-type unit and multi-compressor condensing unit. The factory established a quality control system from raw material purchasing, product producing, inspecting to marketing and a perfect after-sale service system. The company has obtained the National Compulsory Products Certification of China, the National Industrial Products Manufacture License, and the Certification of ISO9001:2008 International Quality System.

The corporation is continuously importing talented people, advanced technologies and managing ideas with a positive posture to conduct the innovation and improve the quality. With the expansion of the scale of the enterprise, the producing capacity will be further released and more qualified products will be supplied to the market. The rule of "no defect, no complain" is the pursuit of every employee of the company. We will, as always, carry out wide cooperation and advance together hand in hand with vast old and new friends from all walks of life for the purpose of jointly creating a splendid tomorrow!



## 生产设备 FACILITIES & EQUIPMENTS

大明制冷拥有国内领先的制冷压缩机及冷凝机组生产基地和国际领先的生产技术和精密的制造与测试设备。企业现有厂房一万余平米，拥有现代化的加工车间，其中引进了CNC数控立式加工中心、数控卧式镗床、多孔钻床及超声波清洗机等高精设备，拥有制冷压缩机和冷凝机组自动化生产线，并建立了制冷压缩机性能检测中心，具有完善的加工、生产和检测能力，确保每一件产品的卓越性能，不断延伸着企业对品牌的理解：我们要做到的，就是要创造一种氛围，使公司的每一位员工和客户都能够为我们所做的产品和所提供的服务而感到自豪。

The enterprise owns a leading manufacturing base, advanced technologies and precise equipments and facilities, including a factory of 10000 square meters, a modernized processing department with CNC process centers and horizontal boring machines, two automatic compressor and condensing unit manufacturing lines and a properties testing center. The enterprise owns a complete capability of manufacturing and testing to ensure the perfect performance of every product, and shows its comprehension on brand which means to make every employee and distributor be proud of the products and service it provides.

# HONOR & CERTIFICATION

## 资质荣誉



# Advanced, Professional Credible, Steady

## 行业领先，专业追求， 诚信经营，稳健发展。

创建“金明”品牌，是每个员工孜孜不倦追求的目标和理想，高新技术和高起点的产品结构是实现理想和目标的硬件，严格的管理和“大明制冷”人严谨、细实的工作作风，是完成目标的软件。“金明”是年轻的，更是充满生机和无限希望的，面对中国加入世贸所带来的激烈的市场竞争，我们将以更优质的产品服务于社会。

To create the brand of "Jinming" is the goal diligently pursued by every employee of the corporation. The high technology, the perfect product structure, and the strict management and meticulous working style, are the hardware and software to achieve it. "Jinming" is young and full of vigour and infinite hope. Facing the fierce competition brought by the China's participating into WTO, the corporation will provide the market with more qualified products.





志存高远  
勇攀巅峰

企业宗旨：追求卓越  
缔造完美  
企业精神：品质为本  
创新为魂

企业  
COMPANY CULTURE  
文化

企业作风：求真，务实  
合作，高效  
经营理念：诚实，守信  
竞合，双赢





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大明制冷  
DAMING REFRIGERATION



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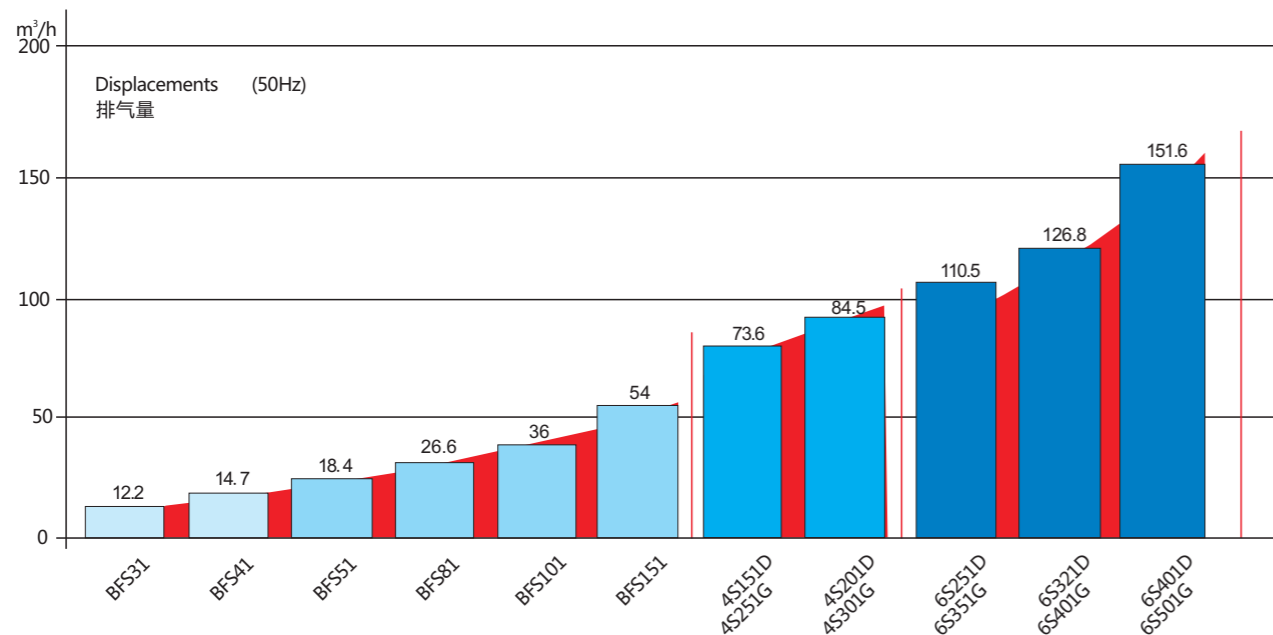
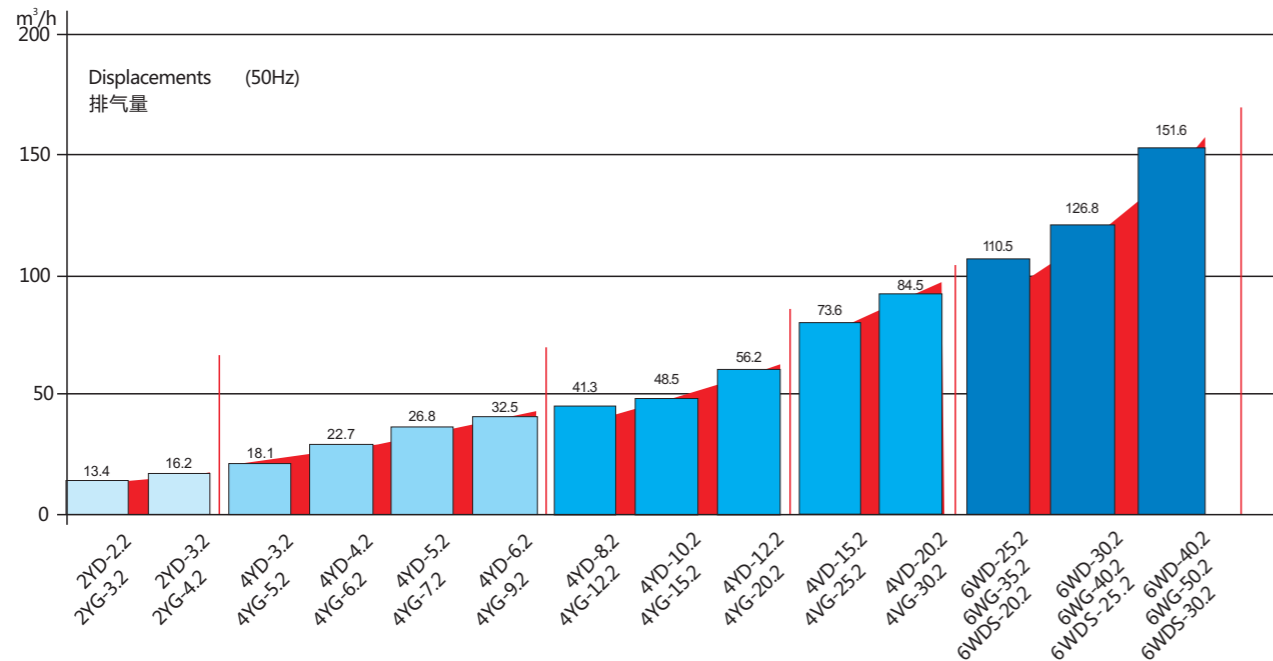


### 产品概述：

金明半封闭活塞式制冷压缩机  
Semi-hermetic Reciprocating Compressor

### 产品系列：

- |  |   |
|--|---|
| BFS系列2-3缸机型3-15HP<br>3-15HP with 2-3 cylinders | Y系列小四缸机型3-9HP<br>3-9HP with 4 cylinders     |
| 4S系列大四缸机型15-30HP<br>15-30HP with 4 cylinders   | Y系列中四缸机型8-20HP<br>8-20HP with 4 cylinders   |
| 6s系列大六缸机型25-50HP<br>25-50HP with 6 cylinders   | V系列大四缸机型15-30HP<br>15-30HP with 4 cylinders |
| V系列小二缸机型2-4HP<br>2-4HP with 2 cylinders        | W系列大六缸机型25-50HP<br>25-50HP with 6 cylinders |



# EXPLANATION OF MODEL DESIGNATION

## 型号标识

### BFS31—BFS151

- BF** 半封闭  
Semi-hermetic
- S** 型号  
Model
- 3** 匹数  
Horse-power
- 1** 设计系列编号  
Series code

### 4S151D—6S501G

- 4/6** 缸数  
Cylinders
- S** 型号  
Model
- 15** 匹数  
Horse-power
- 1** 设计系列编号  
Series code
- D/G** D指低温，G指中高温  
D for low condensing temperature,  
G for mid & high condensing temperature

### 2YD-2.2—6WG-50.2

- 2/4/6** 缸数  
Cylinders
- Y/W** 指机型  
Type
- D/G** D指低温，G指中高温  
D for low condensing temperature,  
G for mid & high condensing temperature
- 2** 匹数  
Horse-power
- 2** 设计系列编号  
Series code

### 6WDS-20.2—6WDS-30.2

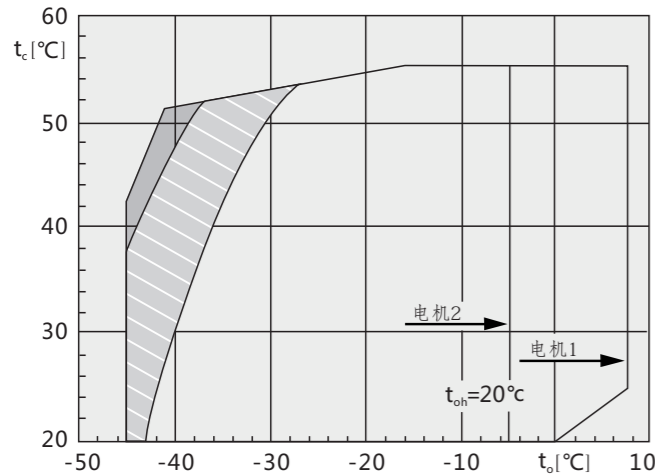
- 6** 缸数  
Cylinders
- W** 指机型  
Type
- DS** 双级压缩  
Double Stage
- 20** 匹数  
Horse-power
- 2** 设计系列编号  
Series code



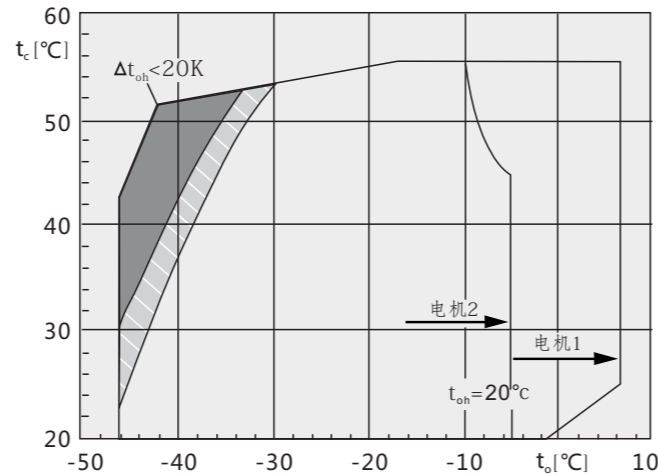
# APPLICATION LIMITS

Suction gas temperature 20°C

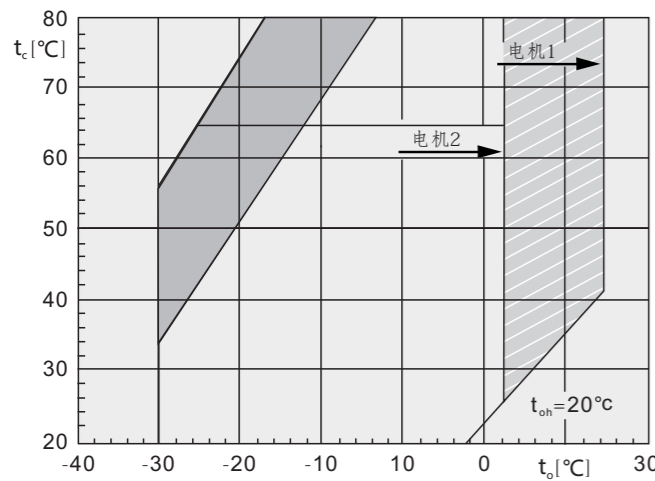
**R404A•R507A**  
2YD-2.2—4YG-9.2



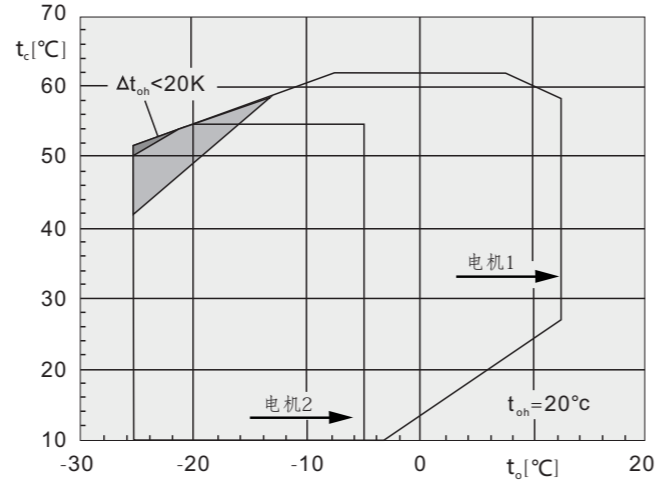
**R404A•R507A**  
4YD-8.2—6WG-50.2  
4S151D—6S501G



**R134a**



**R407C**



$t_o$  Evaporating temperature(°C)     $t_o$  蒸发温度(°C)  
 $t_{oh}$  Suction gas temperature(°C)     $t_{oh}$  吸气温度(°C)  
 $\Delta t_{oh}$  Suction superheat(K)     $\Delta t_{oh}$  吸气过热度(K)  
 $t_c$  Condensing temperature(°C)     $t_c$  冷凝温度(°C)

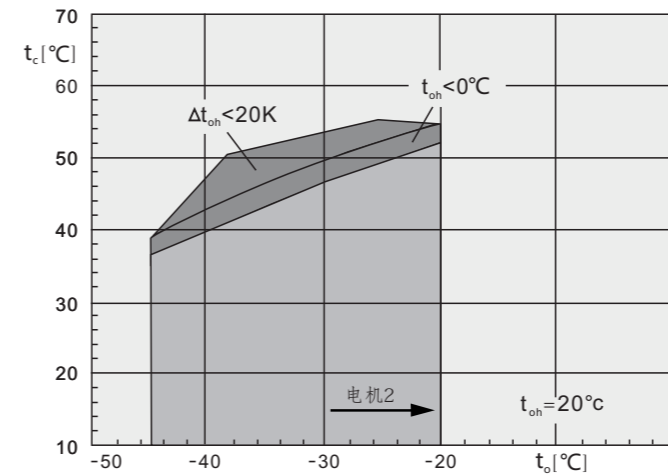
Additional cooling or max. 0°C suction gas temperature    附加冷却或最高0°C吸气温度  
 Additional cooling    附加冷却  
 Additional cooling&limited suction gas temperature    附加冷却+限制最高吸气温度  
 Suction superheat > 10K    吸气过热度 > 10K



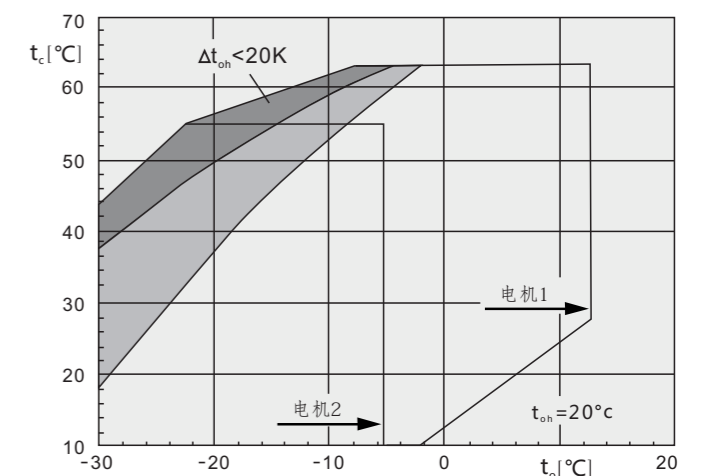
# APPLICATION LIMITS

Suction gas temperature 20°C

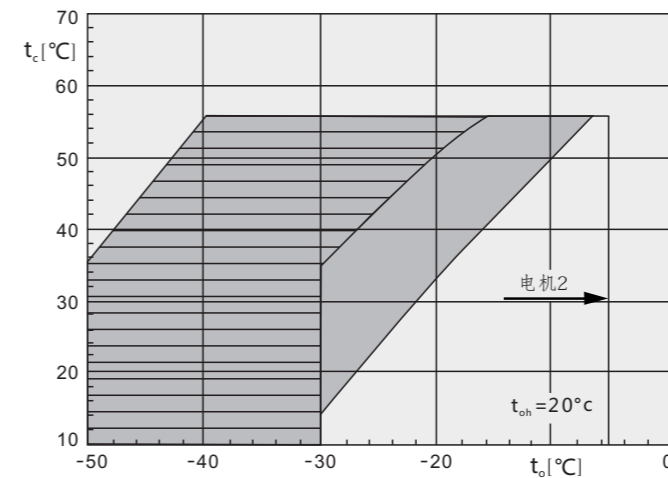
**R22**  
2YD-2.2—4YD-5.2  
空气冷却-直接吸气冷却



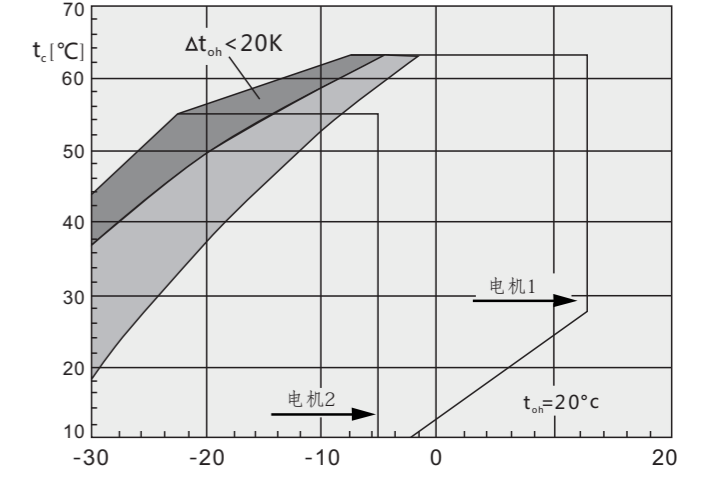
**R22**  
2YD-2.2—4YG-9.2  
吸气冷却



**R22**  
4YD-8.2—6WD-40.2  
4S151D—6S401D



**R22**  
4YD-8.2—6WG-50.2  
4S151D—6S501G



$t_o$  Evaporating temperature(°C)     $t_o$  蒸发温度(°C)  
 $t_{oh}$  Suction gas temperature(°C)     $t_{oh}$  吸气温度(°C)  
 $\Delta t_{oh}$  Suction superheat(K)     $\Delta t_{oh}$  吸气过热度(K)  
 $t_c$  Condensing temperature(°C)     $t_c$  冷凝温度(°C)

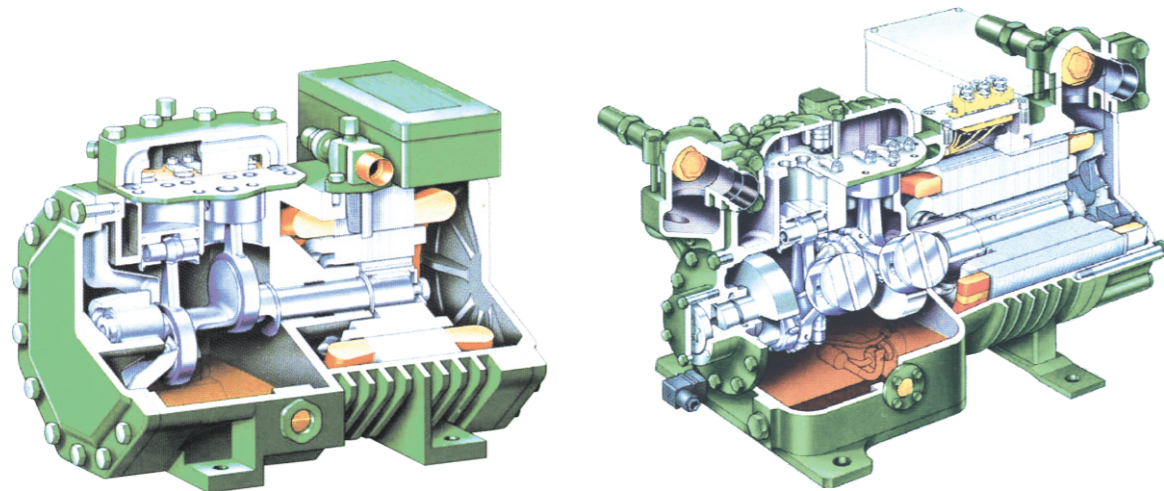
Additional cooling    附加冷却  
 Additional cooling&limited suction gas temperature    附加冷却+限制最高吸气温度  
 Additional cooling&liquid injection cooling system    附加冷却+喷液冷却系统



## 大明制冷压缩机适用于各种工况工质， 最大限度地满足您对制冷系统的要求。

The compressors of Daming suit different working condition and refrigerants, and could maximully satisfy your requirements for the refrigerating system.

- 1 技术成熟，结构紧凑/Developed technology,compact demensions  
体积小，空间要求小/Small volume and space
- 2 高精度加工，确保压缩机各项指标达标/High precision machining to ensure the compressor confirm with the standard  
数控加工中心加工壳体/CNC processing center  
特殊工艺保证三孔同心度/Concentricity due to specific processing technology  
最小的死点间隙/minimal dead space
- 3 运行平稳，震动小，噪音低/ steady operation,small vibracation and low noise  
绝佳的稳定性/Excellent stability
- 4 使用R22、R404等工质，符合国际环保要求/Refrigerant like R22 and R404 are adopted to protect the environment  
适用于低温、中高温等各种工况/For mid & low temperature application
- 5 电子保护装置，有效保护电机/Electrical motor protect device  
PTC温度监控装置/PTC sensor
- 6 耐磨的驱动件，使用寿命长/wear resistant driver gear  
镀铬的活塞环，铝制活塞/Chrome plated piston rings and aluminium pistons  
硬化处理过的曲轴/Hardened crank-shaft  
低摩擦轴套/Low friction bearing set
- 7 高效阀组设计，制冷量大，能耗低/Efficient valve plate design,high refrigerating capacity and low energy consumption  
高效的吸排气压缩比率/Efficient compression rate  
阀片为瑞典进口钢带锻造，耐冲击/Valve reed made of imported impact resistant spring steel
- 8 零部件通用程度高，拆修维护方便/General spare parts,convenient for maintenance.



型号 Model	冷凝温度 Condensing Temperature ℃	制冷量 Refrigerating Capacity Qo(W) 功率消耗 Power Consumption Pe(kW)															
		蒸发温度 Evaporating Temperature (℃)															
		↓	12.5	10	7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45	-50
4S151D	30	Qo	69100	62800	57000	51600	49150	33700	26700	20850	15920	11840	8500				
		Pe	10.40	10.07	9.74	9.41	8.74	8.07	7.38	6.67	5.95	5.20	4.42				
	40	Qo	61300	55700	50400	45600	37000	29600	23350	18100	13700	10060	7080				
		Pe	12.46	11.93	11.43	10.93	9.97	9.04	8.13	7.23	6.32	5.39	4.44				
	50	Qo	54100	49050	44400	40100	32400	25800	20250	15570	11660	8430	5800				
		Pe	14.24	13.54	12.87	12.22	10.99	9.81	8.69	7.59	6.51	5.43	4.34				
4S251G	50	Qo	54100	49050	44400	40100	32400	25800	20250	15570	11660						
		Pe	13.77	13.13	12.52	11.92	10.78	9.68	8.62	7.58	6.55						
	60	Qo	47100	42700	38600	34800	28000	22200	17320	13190	9760						
		Pe	15.04	14.27	13.53	12.81	11.44	10.13	8.89	7.69	6.53						
	70	Qo	40250	36450	32900	29600	23750	18740	14500	10940	7980						
		Pe	16.09	15.21	14.36	13.53	11.96	10.48	9.07	7.74	6.45						
4S201D	30	Qo	78500	71400	64800	58600	47700	38350	30450	23800	18190	13560	9770				
		Pe	12.45	12.15	11.83	11.50	10.78	10.00	9.16	8.26	7.31	6.32	5.28				
	40	Qo	69700	63300	57400	51900	42100	33750	26650	20700	15700	11570	8190				
		Pe	14.65	14.14	13.62	13.09	12.03	10.95	9.85	8.73	7.59	6.44	5.28				
	50	Qo	61500	55800	50500	45650	36950	29500	23200	17870	13430	9760	6770				
		Pe	16.67	15.93	15.20	14.48	13.06	11.67	10.31	8.97	7.66	6.37	5.10				
4S301G	50	Qo	61500	55800	50500	45650	36950	29500	23200	17870	13430						
		Pe	16.09	15.42	14.76	14.10	12.79	11.50	10.22	8.94	7.67						
	60	Qo	53700	48650	44000	39700	32000	25450	19890	15210	11300						
		Pe	17.65	16.80	15.96	15.14	13.54	11.99	10.49	9.03	7.60						
	70	Qo	45900	41600	37600	33850	27200	21550	16720	12680	9320						
		Pe	19.22	18.16	17.14	16.15	14.25	12.46	10.75	9.12	7.55						
6S251D	30	Qo	103800	94300	85600	77400	63000	50600	40100	31300	23900	17780	12760				
		Pe	15.62	15.12	14.62	14.12	13.12	12.11	11.08	10.02	8.93	7.81	6.64				
	40	Qo	92000	83600	75700	68500	55500	44450	35100	27150	20550	15100	10630				
		Pe	18.70	17.92	17.15	16.41	14.97	13.57	12.20	10.85	9.49	8.10	6.66				
	50	Qo	81100	73600	66600	60200	48600	38800	30400	23400	17510	12660	8710				
		Pe	21.40	20.30	19.33	18.35	16.49	14.73	13.04	11.40	9.78	8.16	6.51				
6S351G	50	Qo	81100	73600	66600	60200	48600	38800	30400	23400	17510						
		Pe	20.70	19.72	18.80	17.90	16.18	14.53	12.94	11.38	9.84						
	60	Qo	70700	64100	57900	52200	42050	33400	26000	19810	14650						
		Pe	22.60	21.40	20.30	19.24	17.17	15.21	13.34	11.54	9.80						
	70	Qo	60400	54700	49400	44450	35650	28150	21750	16420	11980						
		Pe	24.20	22.80	21.60	20.30	17.95	15.73	13.62	11.61	9.68						
6S321D	30	Qo	117900	107100	97200	88000	71600	57600	45700	35650	27300	20350	14660				
		Pe	18.68	18.23	17.76	17.26	16.18	15.01	13.74	12.40	10.97	9.48	7.93				
	40	Qo	104600	95000	86100	77900	63200	50700	40000	31050	23550	17360	12280				
		Pe	22.00	21.20	20.40	19.65	18.05	16.43	14.77	13.10	11.39	9.67	7.92				
	50	Qo	92300	83800	75800	68500	55400	44250	34800	26800	20150	14650	10160				
		Pe	25.00	23.90	22.80	21.70	19.60	17.51	15.47	13.46	11.49	9.55	7.65				
6S401G	50	Qo	92300	83800	75800	68500	55400	44250	34800	26800	20150						
		Pe	24.10	23.10	22.10	21.20	19.20	17.26	15.33	13.42	11.51						
	60	Qo	80500	73000	66000	59600	48050	38200	29850	22800	16960						
		Pe	26.50	25.20	24.00	22.70	20.30	17.99	15.74	13.55	11.41						
	70	Qo	68900	62400	56400	50800	40850	32300	25100	19020	13980						
		Pe	28.80	27.30	25.70	24.20	21.40	18.70	16.13	13.69	11.33						
6S401D	30	Qo	138400	125800	114200	103400	84200	67900	53900	42200	32400	24250	17570				
		Pe	22.20	21.60	21.10	20.50	19.27	17.91	16.44	14.87	13.20	11.44	9.59				
	40	Qo	122900	111700	101300	91700	74500	59900	47400	36900	28150	20850	14900				
		Pe	25.80	24.90	24.00	23.10	21.20	19.33	17.39	15.42	13.42	11.41	9.38				
	50	Qo	108700	98700	89500	80900	65600	52500	41450	32100	24250	17800	12520				
		Pe	29.90	28.50	27.10	25.80	23.10	20.60	18.16	15.79	13.48	11.23	9.03				

参数基于吸气温度20℃，50Hz，液体无过冷。Suction gas temperature 20℃, 50Hz, without liquid subcooling.  
 附加冷却或限制吸气温度。Additional cooling or limited suction gas temperature.







压缩机制冷量表/Refrigerating Capacity R22

Table with columns: Model, Condensing Temperature, Evaporating Temperature, Refrigerating Capacity Qo(W), Power Consumption Pe(kW). Rows include models like 6S351G, 6S321D, 6S401G, 6S401D, 6S501G, 2YD-2.2, 2YG-3.2, 2YD-3.2, 2YG-4.2, 4YD-3.2, 4YG-5.2, 4YD-4.2.

参数基于吸气温度20℃, 50Hz, 液体无过冷。Suction gas temperature 20℃, 50Hz, without liquid subcooling.
VARICOOL系统, 附加冷却, 改变吸气阀位置。VARICOOL system, additional cooling, position of suction valve changed.
附加冷却或限制吸气温度。Additional cooling or limited suction gas temperature.
附加冷却和喷液冷却系统。Additional cooling & liquid injection cooling system.



压缩机制冷量表/Refrigerating Capacity R22

Table with columns: Model, Condensing Temperature, Evaporating Temperature, Refrigerating Capacity Qo(W), Power Consumption Pe(kW). Rows include models like 4YG-6.2, 4YD-5.2, 4YG-7.2, 4YD-6.2, 4YG-9.2, 4YD-8.2, 4YG-12.2, 4YD-10.2, 4YG-15.2, 4YD-12.2, 4YG-20.2, 4YD-15.2.

参数基于吸气温度20℃, 50Hz, 液体无过冷。Suction gas temperature 20℃, 50Hz, without liquid subcooling.
VARICOOL系统, 附加冷却, 改变吸气阀位置。VARICOOL system, additional cooling, position of suction valve changed.
附加冷却或限制吸气温度。Additional cooling or limited suction gas temperature.
附加冷却和喷液冷却系统。Additional cooling & liquid injection cooling system.



压缩机制冷量表/Refrigerating Capacity R22

Table with columns for Condensing Temperature (30, 40, 50 °C) and Evaporating Temperature (-12.5 to -50 °C). Rows list compressor models like 4VG-25.2, 4VD-20.2, 4VG-30.2, 6WD-25.2, 6WG-35.2, 6WD-30.2, 6WG-40.2, 6WD-40.2, 6WG-50.2, 6WDS-20.2, 6WDS-25.2, 6WDS-30.2.

参数基于吸气温度20℃, 50Hz, 液体无过冷。Suction gas temperature 20℃, 50Hz, without liquid subcooling.

附加冷却或限制吸气温度。Additional cooling or limited suction gas temperature.

附加冷却和喷液冷却系统。Additional cooling & liquid injection cooling system.



压缩机制冷量表/Refrigerating Capacity R404A/R507A

Table with columns for Condensing Temperature (30, 40, 50 °C) and Evaporating Temperature (-7.5 to -70 °C). Rows list compressor models like BFS51, BFS81, BFS101, BFS151, 4S151D, 4S251G, 4S201D, 4S301G, 6S251D, 6S351G, 6S321D, 6S401G.

参数基于吸气温度20℃, 50Hz, 液体无过冷。Suction gas temperature 20℃, 50Hz, without liquid subcooling.

附加冷却或限制吸气温度。Additional cooling or limited suction gas temperature.

附加冷却和喷液冷却系统。Additional cooling & liquid injection cooling system.





压缩机制冷量表/Refrigerating Capacity R404A/R507A

Table with columns: Model, Condensing Temperature, Refrigerating Capacity Qo(W), Power Consumption Pe(kW), and Evaporating Temperature (°C). Rows include models like 6S401D, 6S501G, 2YD-2.2, etc.

参数基于吸气温度20℃, 50Hz, 液体无过冷. Suction gas temperature 20℃, 50Hz, without liquid subcooling. 附加冷却或限制吸气温度. Additional cooling or limited suction gas temperature.



压缩机制冷量表/Refrigerating Capacity R404A/R507A

Table with columns: Model, Condensing Temperature, Refrigerating Capacity Qo(W), Power Consumption Pe(kW), and Evaporating Temperature (°C). Rows include models like 4YG-7.2, 4YD-6.2, 4YG-9.2, etc.

参数基于吸气温度20℃, 50Hz, 液体无过冷. Suction gas temperature 20℃, 50Hz, without liquid subcooling. 附加冷却或限制吸气温度. Additional cooling or limited suction gas temperature.



压缩机制冷量表/Refrigerating Capacity R404A/R507A

型号 Model	冷凝温度 Condensing Temperature °C	制冷量 Refrigerating Capacity Qo(W) 功率消耗 Power Consumption Pe(kW)																
		蒸发温度 Evaporating Temperature(°C)																
		↓	7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45	-50	-55	-60	-65
4VD-20.2	30	Qo				67100	55500	45400	36750	29350	23000	17600	13060	9260				
	40	Pe				18.22	17.12	15.89	14.55	13.12	11.62	10.08	8.53	6.97				
		Qo				57200	47300	38700	31200	24800	19250	14540	10540	7160				
4VG-30.2	30	Qo	103800	95300	79900	66500	54900	44900	36250	28800	22450	17040	12480					
	40	Pe	19.21	19.07	18.57	17.81	16.84	15.70	14.41	13.02	11.57	10.09	8.61					
		Qo	89100	81800	68600	57000	47000	38250	30700	24200	18610	13860	9850					
6WD-25.2	30	Qo				87900	72500	59300	47800	38000	29700	22650	16740	11850				
	40	Pe				23.50	22.15	20.58	18.83	16.94	14.95	12.89	10.81	8.75				
		Qo				74700	61600	50200	40400	31900	24700	18590	13440	9130				
6WG-35.2	30	Qo	136000	124800	104500	86900	71600	58400	47000	37200	28800	21700	15720					
	40	Pe	25.11	24.84	24.07	23.04	21.77	20.29	18.64	16.83	14.91	12.89	10.81					
		Qo	116300	106600	89300	74100	60900	49450	39600	31100	23800	17670	12480					
6WD-30.2	30	Qo				98300	81200	66400	53600	42700	33350	25400	18760	13210				
	40	Pe				26.77	2.507	23.21	21.20	19.08	16.84	14.54	12.17	9.76				
		Qo				84000	69300	56600	45550	36050	27900	21000	15130	10210				
6WG-40.2	30	Qo	156100	143200	120000	99900	82500	67400	54300	43150	33600	25550	18730					
	40	Pe	30.46	29.91	28.66	27.20	25.57	23.77	21.82	19.75	17.56	15.28	12.93					
		Qo	133400	122400	102700	85400	70300	57300	46000	36300	28000	20900	14940					
6WD-40.2	30	Qo				118800	98100	80100	64700	51400	40100	30500	22400	15600				
	40	Pe				31.46	29.74	27.69	25.37	22.84	20.14	17.34	14.49	11.63				
		Qo				100900	83100	67600	54300	42800	32950	24600	17570	11680				
6WG-50.2	30	Qo	184400	169300	142200	118600	98100	80400	65200	52100	40900	31400	23450					
	40	Pe	36.24	35.76	34.49	32.87	30.95	28.79	26.43	23.94	21.38	18.79	16.23					
		Qo	157900	145000	121700	101300	83600	68300	55000	43600	33850	25600	18620					
6WDS-20.2	30	Qo							31900	27450	23300	19440	15910	12760	10020	7690	5770	4230
	40	Pe							16.43	15.02	13.64	12.30	11.00	9.76	8.57	7.44	6.40	5.40
		Qo								30600	26350	22350	18610	15230	12240	9640	7420	5540
6WDS-25.2	30	Qo							36200	31300	26600	22250	18220	14620	11480	8830	6630	4870
	40	Pe							18.84	17.27	15.71	14.16	12.65	11.19	9.80	8.49	7.29	6.20
		Qo								34900	30100	25500	21300	17420	14000	11040	8500	6350
6WDS-30.2	30	Qo							43400	37400	31750	26500	21700	17420	13690	10540	7920	5800
	40	Pe							22.53	20.65	18.78	16.94	15.15	13.42	11.77	10.20	8.74	7.40
		Qo								41500	35700	30300	25300	20700	16680	13170	10150	7590

参数基于吸气温度20℃, 50Hz, 液体无过冷。Suction gas temperature 20°C, 50Hz, without liquid subcooling.

附加冷却或限制吸气温度。Additional cooling or limited suction gas temperature.

附加冷却和喷液冷却系统。Additional cooling & liquid injection cooling system.



压缩机技术参数/ Technical Data

压缩机 型号 Compressor Model	电机 名义 功率 Nominal Motor- Power Hp/kW	排气量 Displacement m³/h 50/60Hz	缸数x直径 x行程 Number Of Cylinder x Diameter x Stroke mm	吸、排气阀接管 Suction, Discharge Line mm		油注入量 Oil Volume L	电源 Power Supply V/Φ/Hz	电气参数 Electrical Parameter		曲轴箱加热器 Crankcase Heater (220V) W	供油方式 Oil Supply Method	重量 Weight kg
				DL Discharge Valve	SL Suction Valve			最大工作 电流(A) Max Operating Current	启动、堵转 电流(A) Starting/ Locked Current			
BFS31	3/2.2	12.2/14.6	2 × Φ47.6 × 39.2	Φ16	Φ19.05	1.25	380- 420/3/50 440- 480/3/60	5.2	24/26	60	飞溅式润滑 Splashing lubrication	62
BFS41	4/3	14.7/17.8	2 × Φ54 × 37	Φ19.05	Φ25.4	1.85		7.6	38/44	60		85
BFS51	5/3.7	18.4/22.1	2 × Φ54 × 46	Φ19.05	Φ25.4	1.85		7.6	38/44	60		87
BFS81	8/5.5	26.6/32.1	2 × Φ64 × 48	Φ25.4	Φ31.75	3.5		15	74/81	120		133
BFS101	10/7.5	36/43.2	2 × Φ64 × 64	Φ25.4	Φ31.75	3.5		15.6	93/103	120	137	
BFS151	15/10.5	54/64.8	3 × Φ64 × 64	Φ28	Φ38.1	4.8		22.3	133/150	180	172	
4S151D	15/10.5	73.6/88.8	4 × Φ70 × 55	Φ28	Φ42	4		31	81/132	140	183	
4S251G	25/18.5	73.6/88.8	4 × Φ70 × 55	Φ28	Φ54	4.5		45	116/193	140	203	
4S201D	20/15	84.5/101.9	4 × Φ75 × 55	Φ28	Φ54	4.5		37	97/158	140	192	
4S301G	30/22	84.5/101.9	4 × Φ75 × 55	Φ28	Φ54	4.5		53	135/220	140	206	
6S251D	25/18.5	110.5/133.4	6 × Φ70 × 55	Φ35	Φ54	4.75	45	116/193	140	224		
6S351G	35/25.5	110.5/133.4	6 × Φ70 × 55	Φ42	Φ54	4.75	61	147/262	140	235		
6S321D	30/22	126.8/153.0	6 × Φ75 × 55	Φ42	Φ54	4.75	53	135/220	140	228		
6S401G	40/30	126.8/153.0	6 × Φ75 × 55	Φ42	Φ54	4.75	78	180/323	140	238		
6S401D	40/30	151.6/183.0	6 × Φ82 × 55	Φ42	Φ54	4.75	78	180/323	140	239		
6S501G	50/37	151.6/183.0	6 × Φ82 × 55	Φ42	Φ54	4.75	92	226/404	140	241		



## 压缩机技术参数/ Technical Data

压缩机 型号 Compressor Model	电机 名义 功率 Nominal Motor- Power Hp/kW	排气量 Displacement m <sup>3</sup> /h 50/60Hz	缸数x直径 x行程 Number Of Cylinder x Diameter x Stroke mm	吸、排气阀接管 Suction, Discharge Line mm		油注入量 Oil Volume L	电源 Power Supply V/Φ/Hz	电气参数 Electrical Parameter		曲轴箱加热器 Crankcase Heater (220v) W	供油方式 Oil Supply Method	重量 Weight kg
				DL Discharge Valve	SL Suction Valve			最大工作 电流(A) Max Operating Current	启动、堵转 电流(A) Starting/ Locked Current			
2YD-2.2	2/1.5	13.4/16.2	2 × Φ50 × 39.3	Φ16	Φ22	1.5		11.9/6.9	53.7/30.7	120		67.5
2YG-3.2	3/2.2	13.4/16.2	2 × Φ50 × 39.3	Φ16	Φ22	1.5		13.5/7.8	64/37	120		70.5
2YD-3.2	3/2.2	16.2/19.6	2 × Φ55 × 39.3	Φ16	Φ22	1.5		14.8/8.5	64/37	120		70
2YG-4.2	4/3	16.2/19.6	2 × Φ55 × 39.3	Φ16	Φ22	1.5		16.4/9.4	76.6/44.2	120		70
4YD-3.2	3/2.2	18.1/21.8	4 × Φ41 × 39.3	Φ16	Φ22	2		15.9/9.2	76.6/44.2	120		82
4YG-5.2	5/3.7	18.1/21.8	4 × Φ41 × 39.3	Φ16	Φ22	2	220-240△	18.7/10.8	107.7/62.2	120		86
4YD-4.2	4/3	22.7/27.4	4 × Φ46 × 39.3	Φ22	Φ28	2	/380- 420Y/3/50	18.5/10.7	92.7/53.2	120		84
4YG-6.2	6/4.4	22.7/27.4	4 × Φ46 × 39.3	Φ22	Φ28	2	265-290△	22.9/13.2	107.7/62.2	120		86
4YD-5.2	5/3.7	26.8/32.4	4 × Φ50 × 39.3	Φ22	Φ28	2	/440- 480Y/3/60	23.4/13.5	107.7/62.2	120	离心润滑 Centrifugal lubrication	85.5
4YG-7.2	7/5.1	26.8/32.4	4 × Φ50 × 39.3	Φ22	Φ28	2		27.5/15.9	142.8/82.4	120		88.5
4YD-6.2	6/4.4	32.5/39.2	4 × Φ55 × 39.3	Φ22	Φ28	2		27.5/15.9	142.8/82.4	120		90.5
4YG-9.2	9/6.6	32.5/39.2	4 × Φ55 × 39.3	Φ22	Φ28	2		34.5/20	142.8/82.4	120		90.5
4YD-8.2	8/5.5	41.3/49.9	4 × Φ60 × 42	Φ28	Φ35	2.6		17	49/81	120		134
4YG-12.2	12/8.8	41.3/49.9	4 × Φ60 × 42	Φ28	Φ35	2.6		24	69/113	140		141
4YD-10.2	10/7.5	48.5/58.5	4 × Φ65 × 42	Φ28	Φ35	2.6	380- 420YY/3/50	21	59/99	140		139
4YG-15.2	15/10.5	48.5/58.5	4 × Φ65 × 42	Φ28	Φ35	2.6	440- 480YY/3/60	31	81/132	140		147
4YD-12.2	12/8.8	56.2/67.9	4 × Φ70 × 42	Φ28	Φ35	2.6		24	69/113	140		141



## 压缩机技术参数/ Technical Data

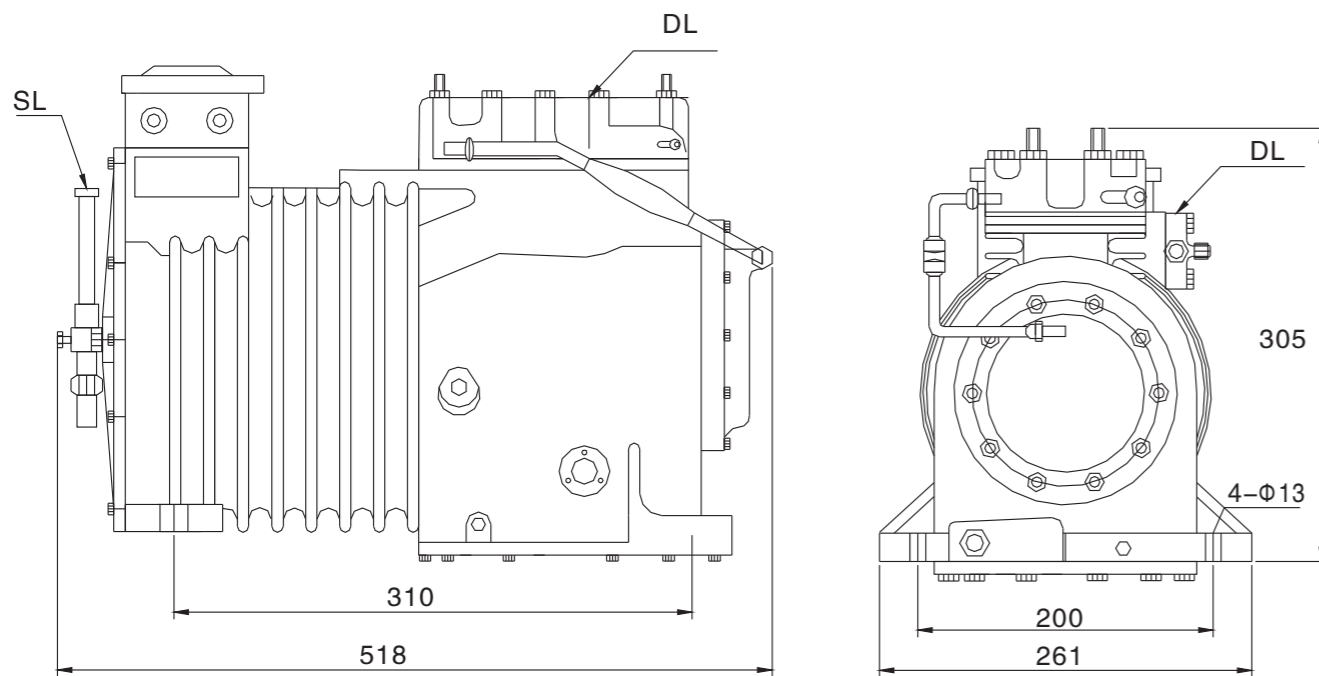
压缩机 型号 Compressor Model	电机 名义 功率 Nominal Motor- Power Hp/kW	排气量 Displacement m <sup>3</sup> /h 50/60Hz	缸数x直径 x行程 Number Of Cylinder x Diameter x Stroke mm	吸、排气阀接管 Suction, Discharge Line mm		油注入量 Oil Volume L	电源 Power Supply V/Φ/Hz	电气参数 Electrical Parameter		曲轴箱加热器 Crankcase Heater (220v) W	供油方式 Oil Supply Method	重量 Weight kg
				DL Discharge Valve	SL Suction Valve			最大工作 电流(A) Max Operating Current	启动、堵转 电流(A) Starting/ Locked Current			
4YG-20.2	20/15	56.2/67.9	4 × Φ70 × 42	Φ28	Φ42	2.6		37	97/158	140	离心润滑 Centrifugal lubrication	150
4VD-15.2	15/10.5	73.6/88.8	4 × Φ70 × 55	Φ28	Φ42	4		31	81/132	140		183
4VG-25.2	25/18.5	73.6/88.8	4 × Φ70 × 55	Φ28	Φ54	4.5		45	116/193	140		203
4VD-20.2	20/15	84.5/101.9	4 × Φ75 × 55	Φ28	Φ54	4.5		37	97/158	140		192
4VG-30.2	30/22	84.5/101.9	4 × Φ75 × 55	Φ28	Φ54	4.5		53	135/220	140		206
6WD-25.2	25/18.5	110.5/133.4	6 × Φ70 × 55	Φ35	Φ54	4.75	380- 420YY/3/50	45	116/193	140		224
6WG-35.2	35/25.5	110.5/133.4	6 × Φ70 × 55	Φ42	Φ54	4.75	440- 480YY/3/60	61	147/262	140	油泵供油 Forced- lubrication	235
6WD-30.2	30/22	126.8/153.0	6 × Φ75 × 55	Φ35	Φ54	4.75		53	135/220	140		228
6WG-40.2	40/30	126.8/153.0	6 × Φ75 × 55	Φ42	Φ54	4.75		78	180/323	140		238
6WD-40.2	40/30	151.6/183.0	6 × Φ82 × 55	Φ42	Φ54	4.75		78	180/323	140		239
6WG-50.2	50/37	151.6/183.0	6 × Φ82 × 55	Φ42	Φ54	4.75		92	226/404	140		241
6WDS-20.2	20/15	73.6/36.9 88.8/44.5	6 × Φ70/70 × 55	Φ35	Φ42	4.75		37	97/158	140		220
6WDS-25.2	25/18.5	84.5/42.3 101.9/51.1	6 × Φ75/75 × 55	Φ35	Φ42	4.75		45	116/193	140		233
6WDS-30.2	30/22	101.1/50.5 122.0/60.9	6 × Φ82/82 × 55	Φ35	Φ42	4.75		53	135/220	140		234



▶ BFS31 压缩机 / BFS31 Compressor



▶ BFS31 压缩机外形图 / Dimensional drawing of BFS31 Compressor

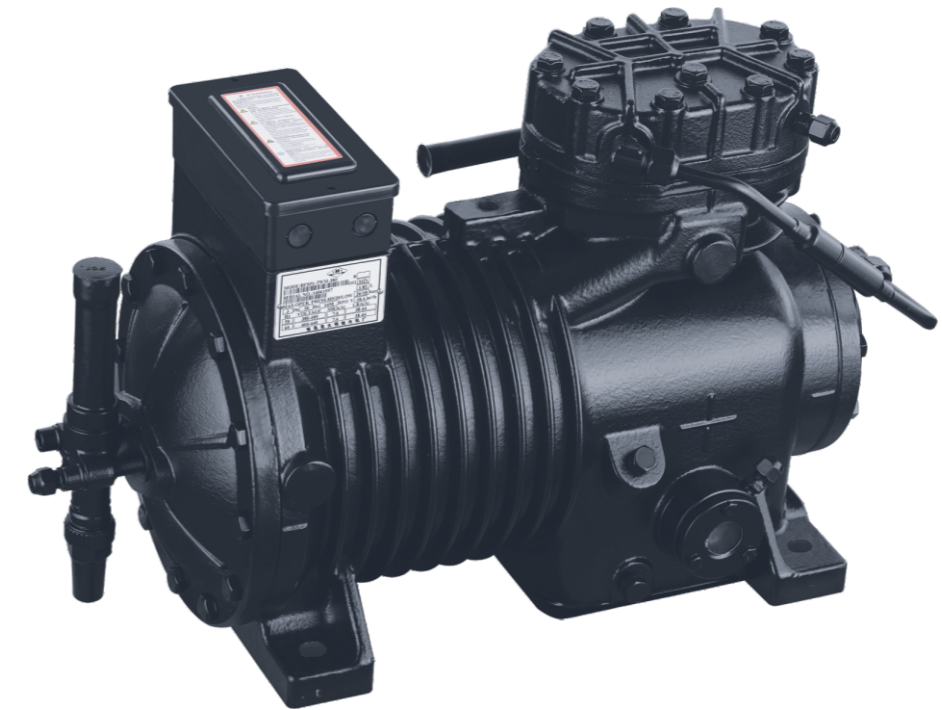


DL排气阀件/DL Discharge Valve

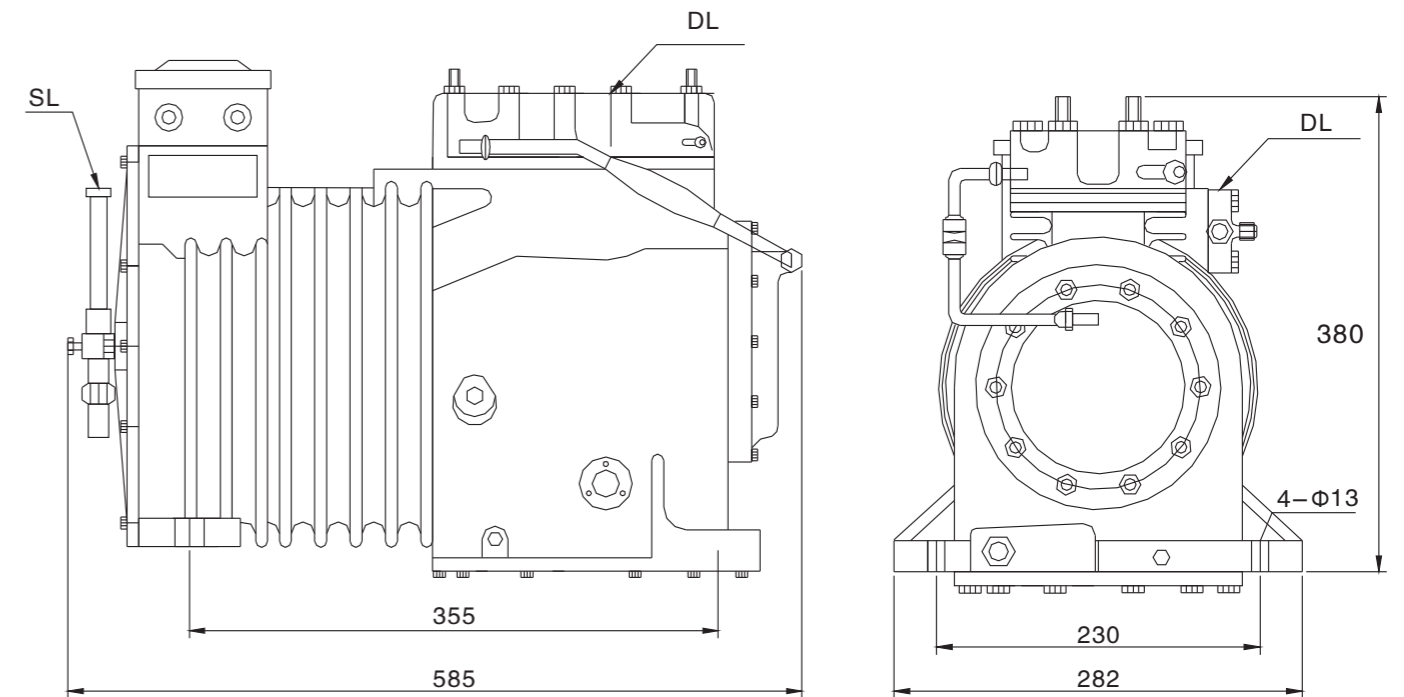
SL吸气阀件/SL Suction Valve



▶ BFS41-51 压缩机 / BFS41-51 Compressor



▶ BFS41-51 压缩机外形图 / Dimensional drawing of BFS41-51 Compressor



DL排气阀件/DL Discharge Valve

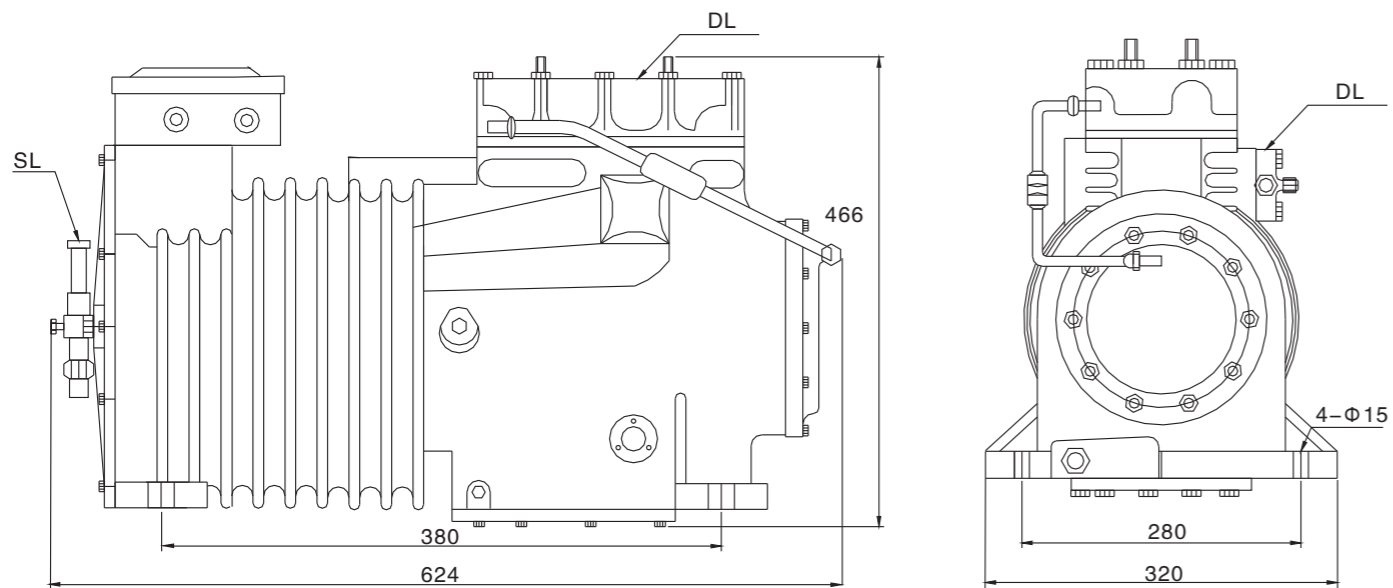
SL吸气阀件/SL Suction Valve



▶ BFS81-101 压缩机 / BFS81-101 Compressor



▶ BFS81-101 压缩机外形图 / Dimensional drawing for BFS81-101 compressor

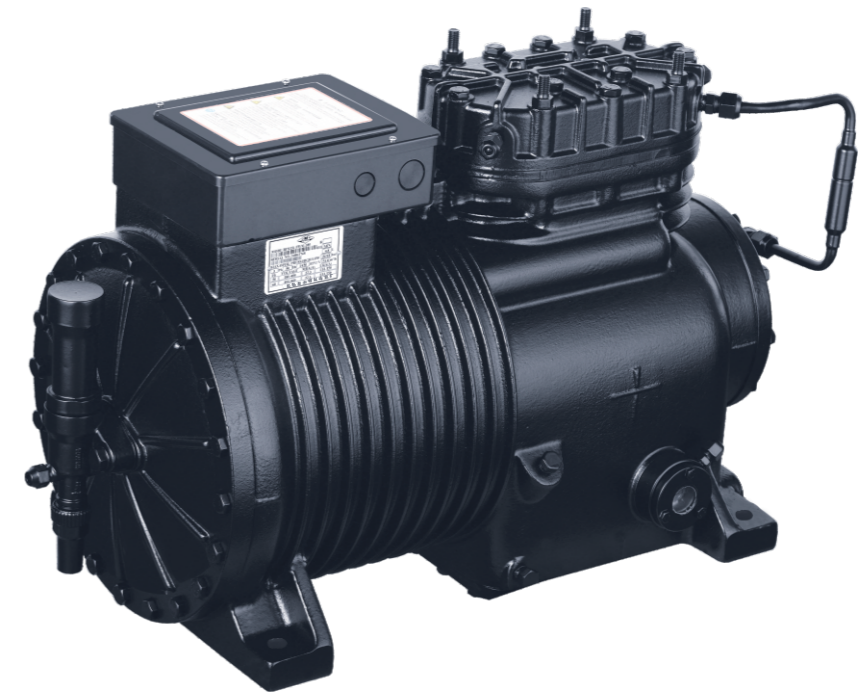


DL排气阀件/DL Discharge Valve

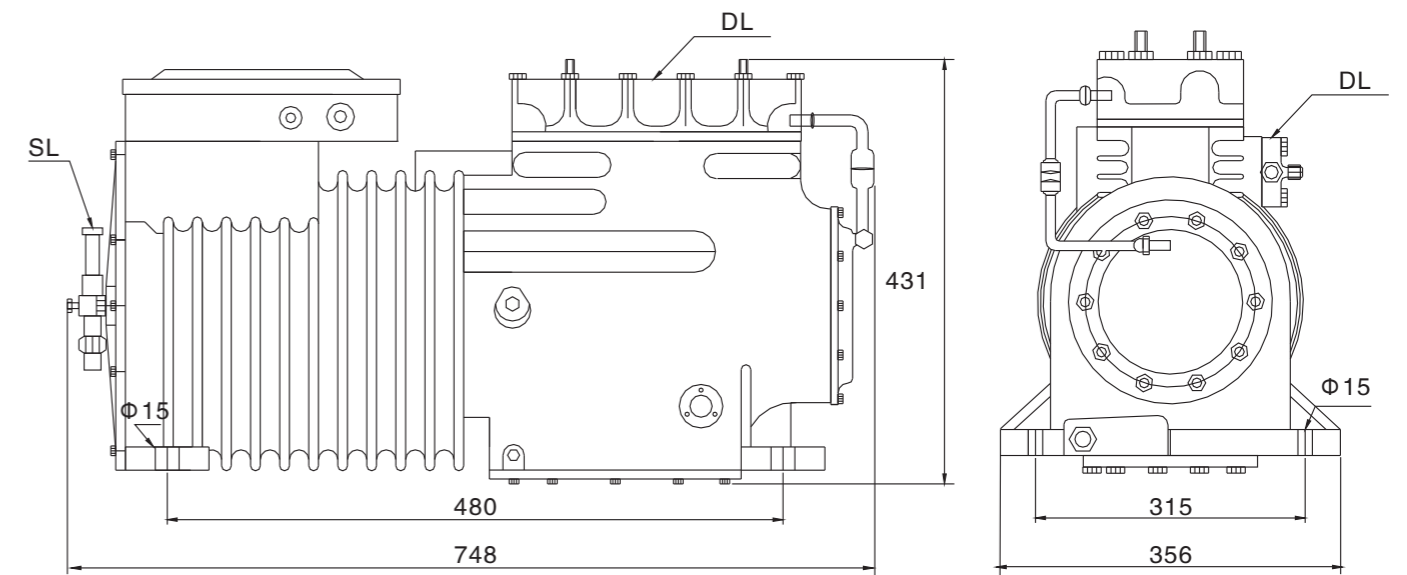
SL吸气阀件/SL Suction Valve



▶ BFS151 压缩机 / BFS151 Compressor



▶ BFS151 压缩机外形图 / Dimensional drawing for BFS151 compressor



DL排气阀件/DL Discharge Valve

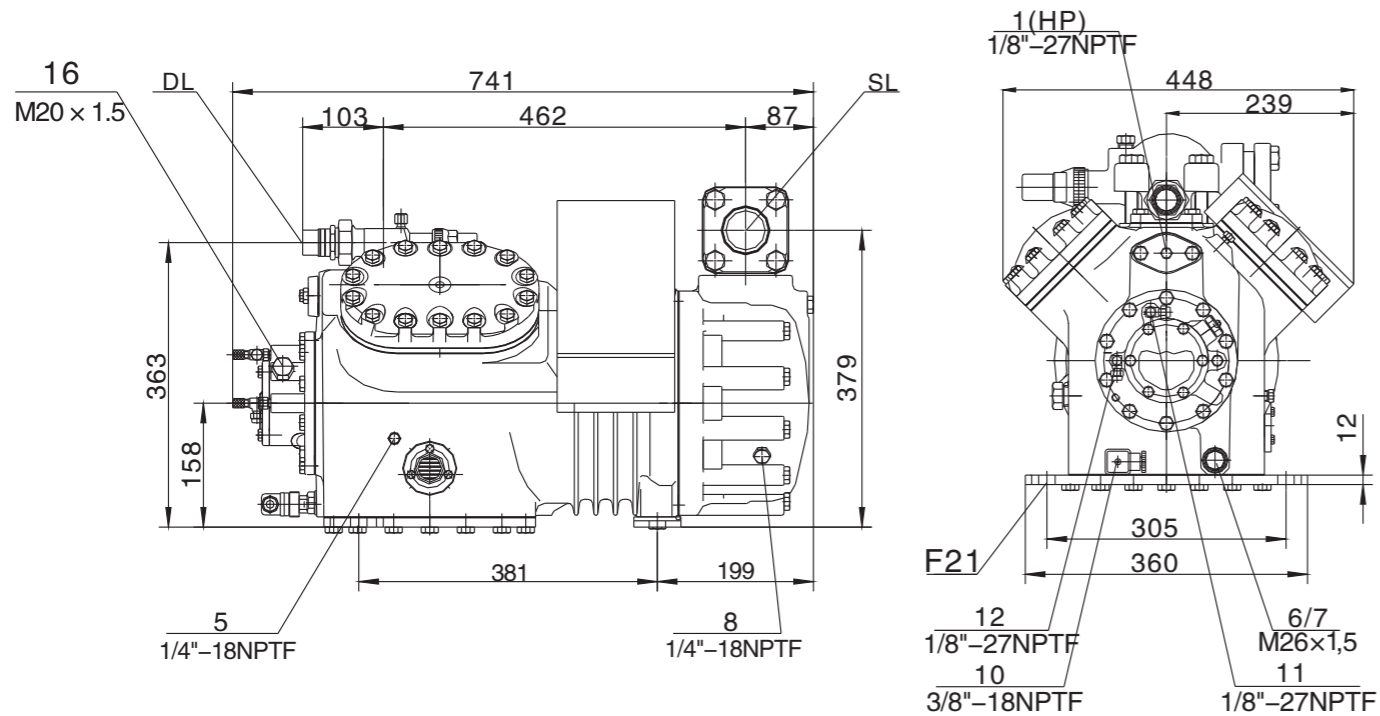
SL吸气阀件/SL Suction Valve



4S151D - 4S301G 压缩机 / 4S151D - 4S301G Compressor



4S151D - 4S301G 压缩机外形图 / Dimensional drawing of 4S151D - 4S301G compressor



DL 排气阀件 / DL Discharge Valve

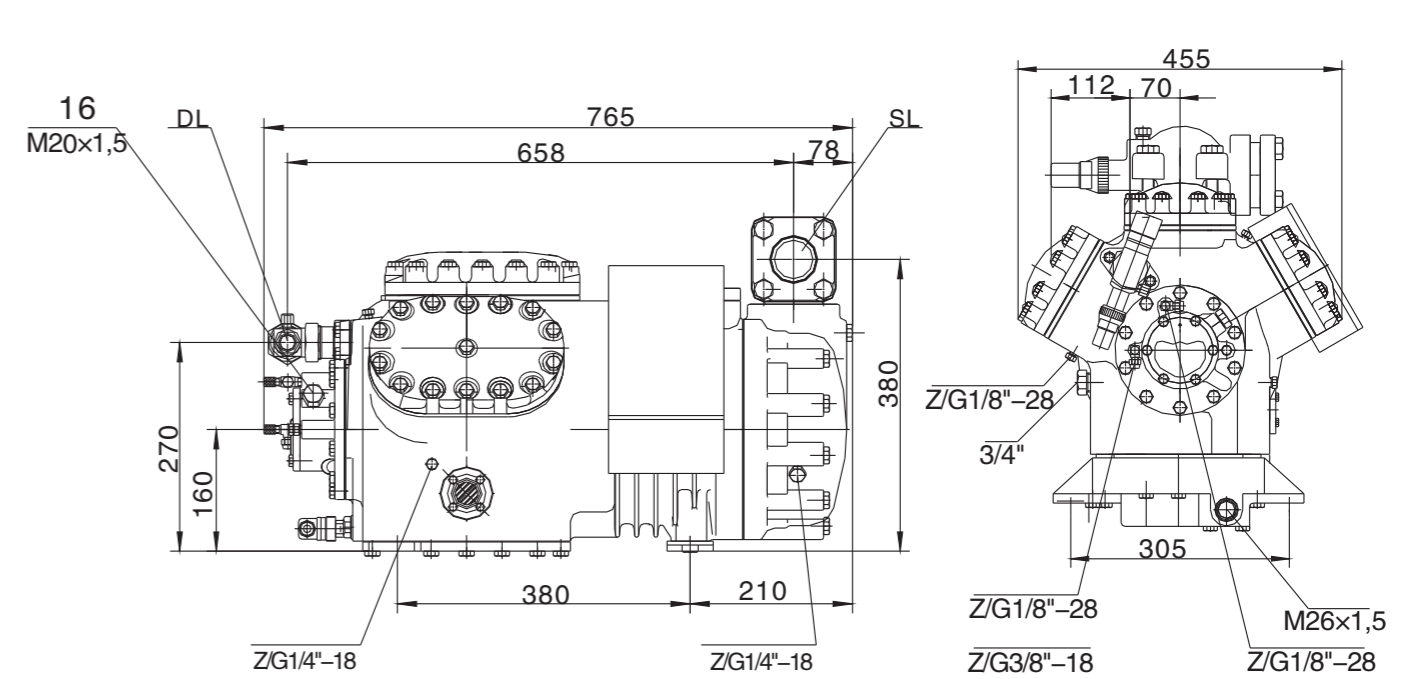
SL 吸气阀件 / SL Suction Valve



6S251D - 6S501G 压缩机 / 6S251D - 6S501G Compressor



6S251D - 6S501G 压缩机外形图 / Dimensional drawing of 6S251D - 6S501G compressor

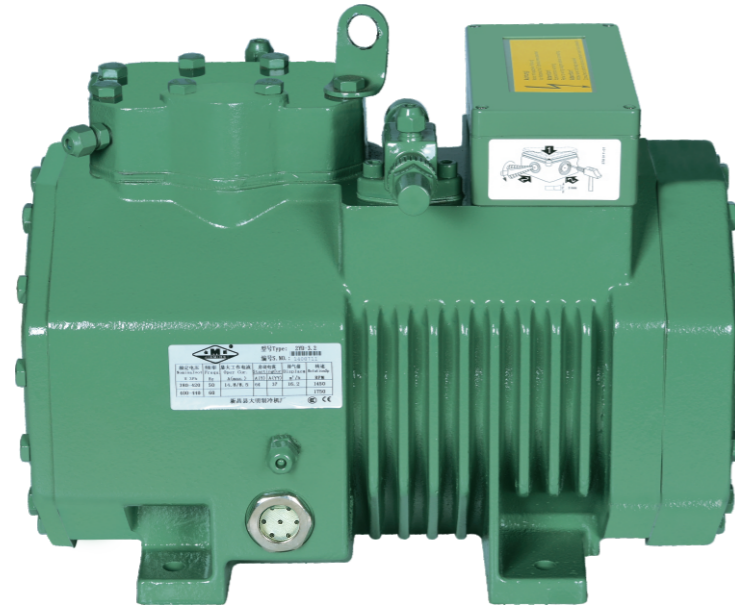


DL 排气阀件 / DL Discharge Valve

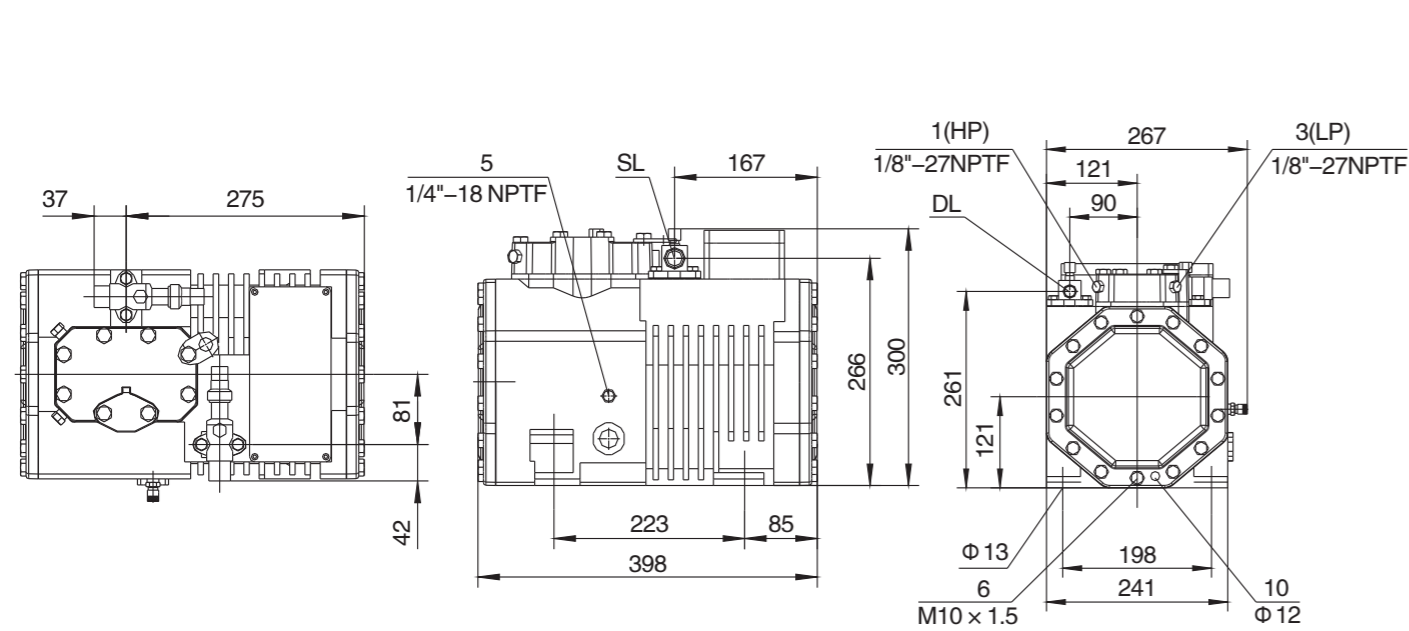
SL 吸气阀件 / SL Suction Valve



2YD-2.2---2YG-4.2 压缩机 / 2YD-2.2---2YG-4.2 compressor



2YD-2.2---2YG-4.2 压缩机外形图 / Dimensional drawing of 2YD-2.2---2YG-4.2 compressor

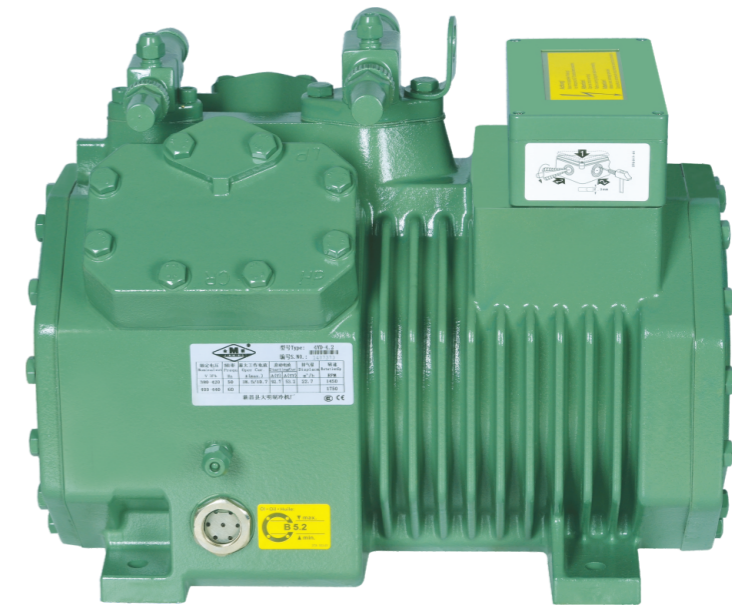


DL 排气阀件 / DL Discharge Valve

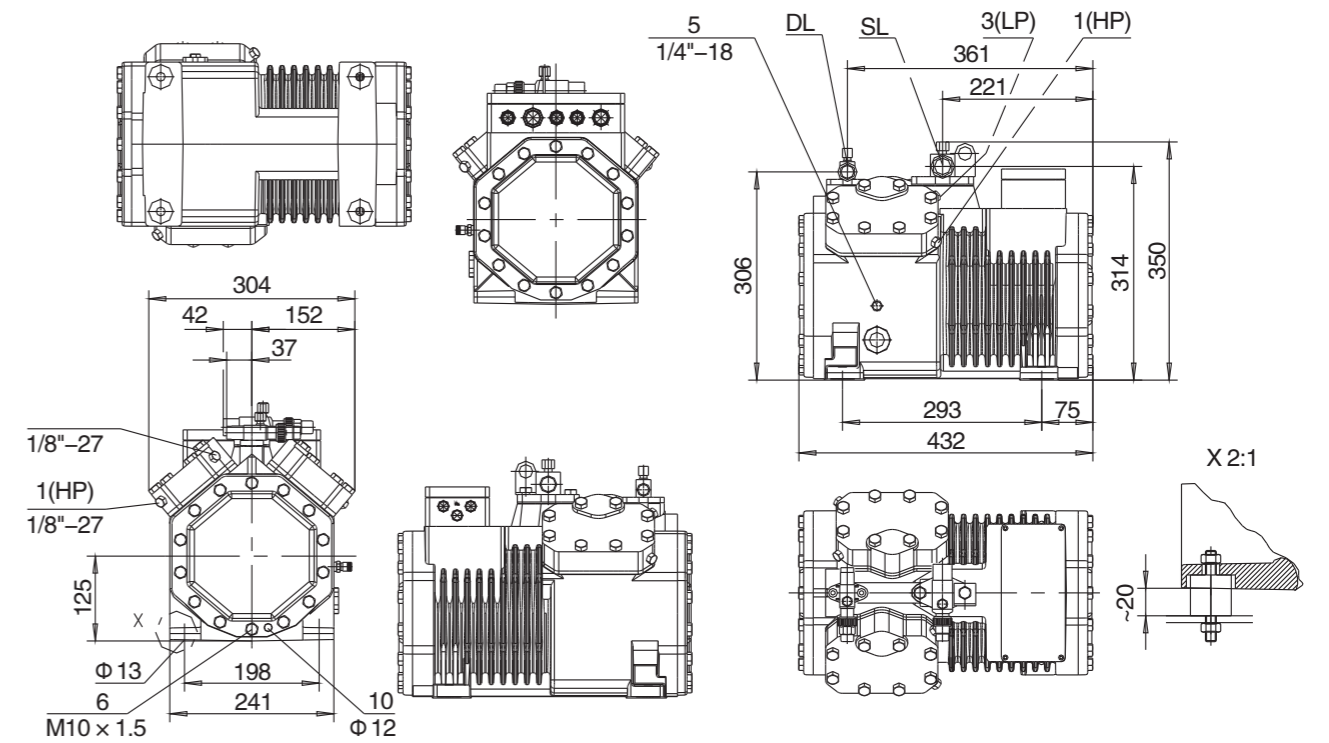
SL 吸气阀件 / SL Suction Valve



4YD-3.2---4YG-9.2 压缩机 / 4YD-3.2---4YG-9.2 compressor



4YD-3.2---4YG-9.2 压缩机外形图 / Dimensional drawing of 4YD-3.2---4YG-9.2 compressor

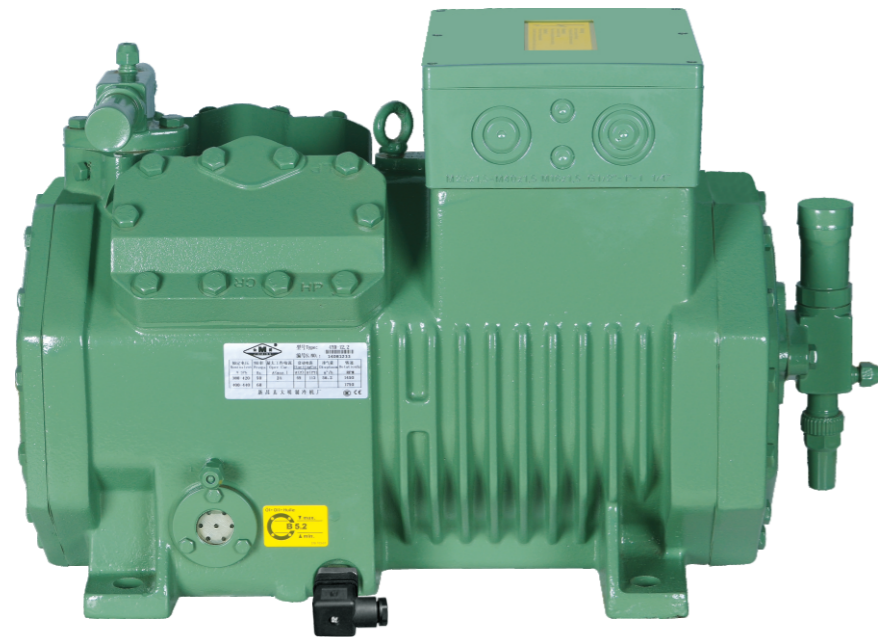


DL 排气阀件 / DL Discharge Valve

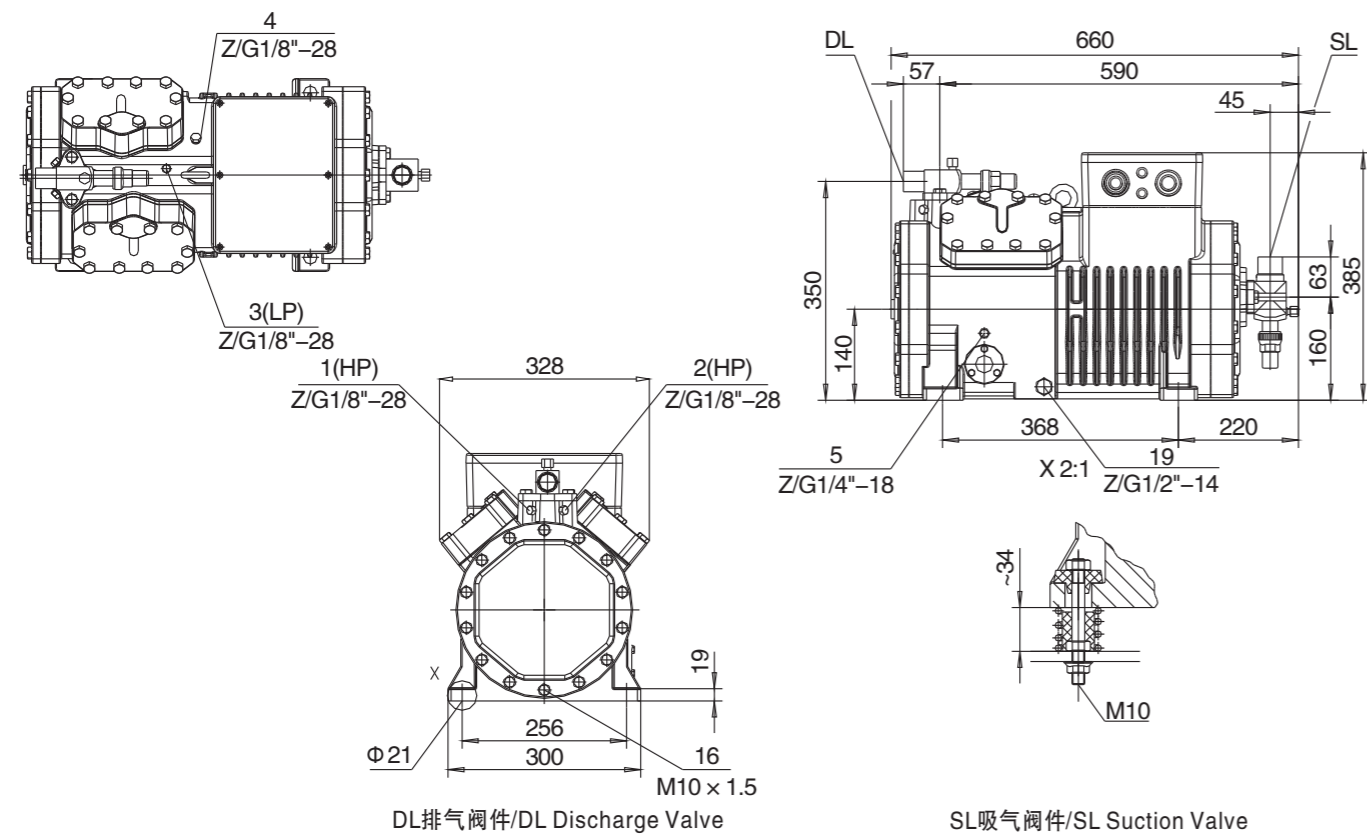
SL 吸气阀件 / SL Suction Valve



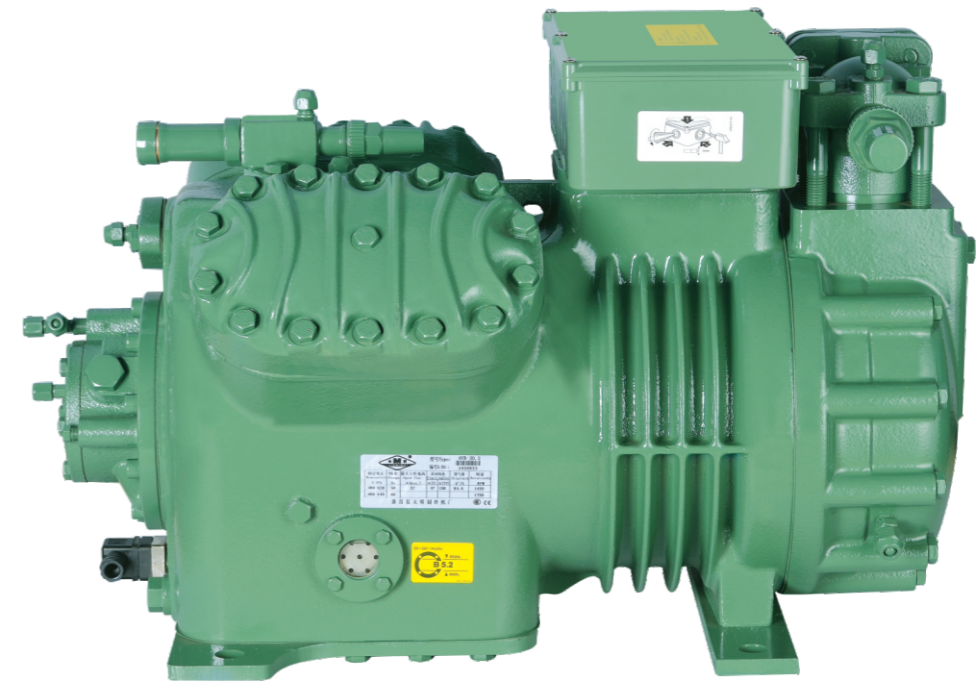
4YD-8.2---4YG-20.2 压缩机 / 4YD-8.2---4YG-20.2 compressor



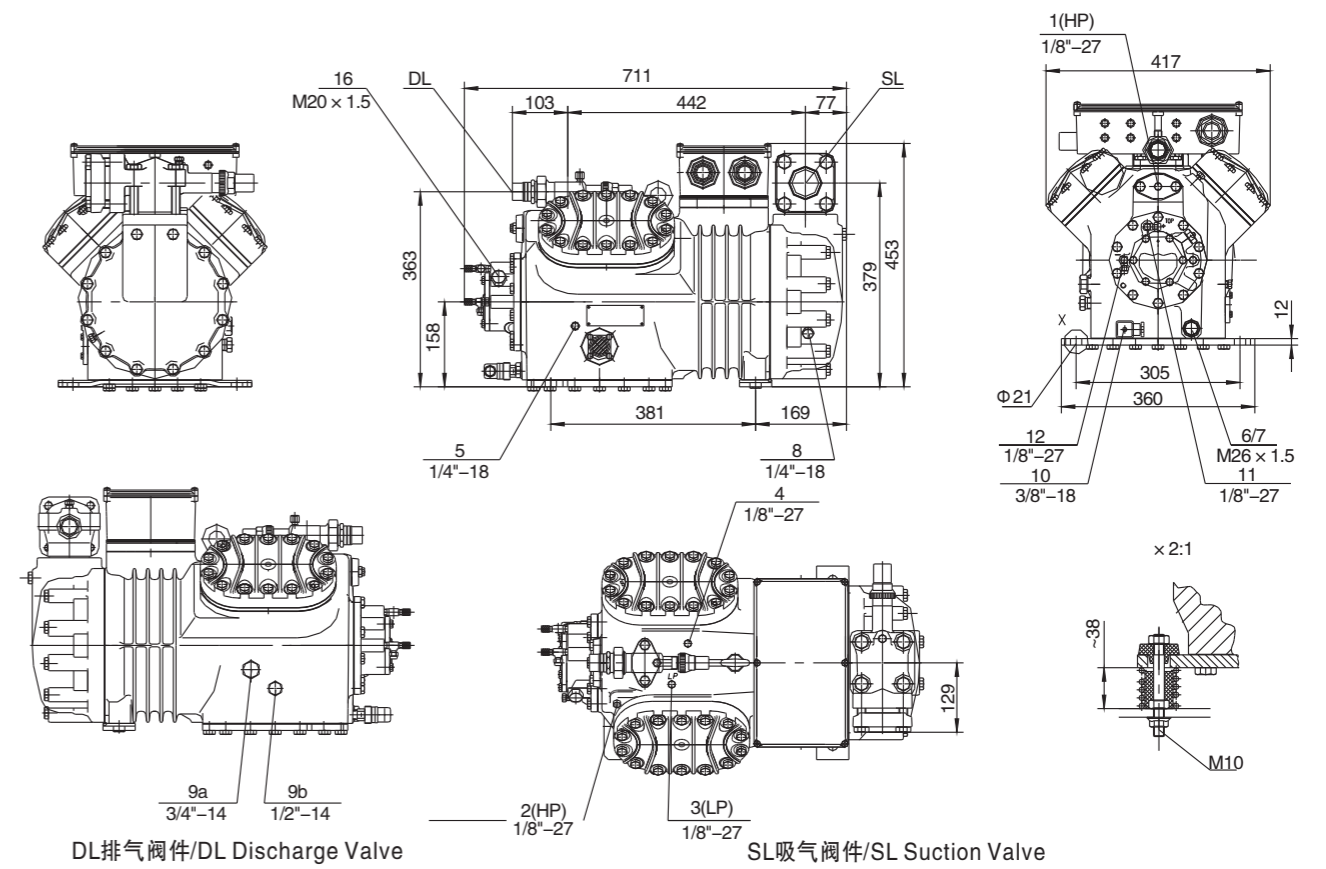
4YD-8.2---4YG-20.2 压缩机外形图 / Dimensional drawing of 4YD-8.2---4YG-20.2 compressor



4VD-15.2---4VG-30.2 压缩机 / 4VD-15.2---4VG-30.2 compressor



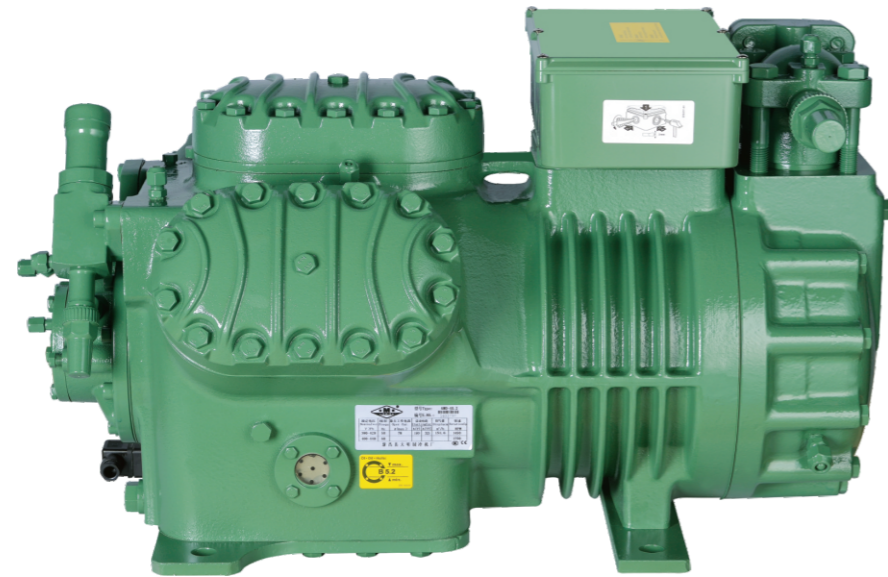
4VD-15.2---4VG-30.2 压缩机外形图 / Dimensional drawing of 4VD-15.2---4VG-30.2 compressor



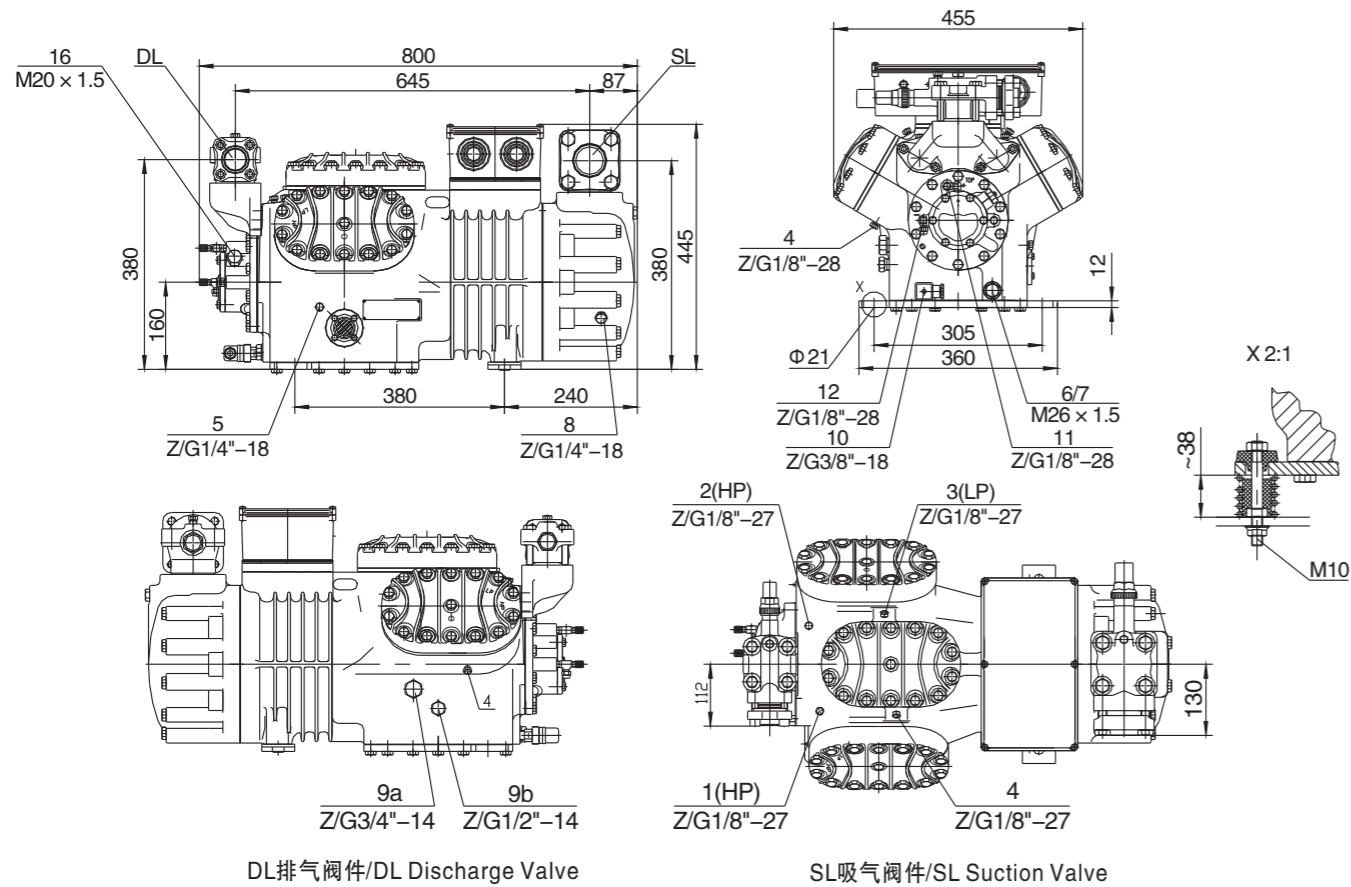




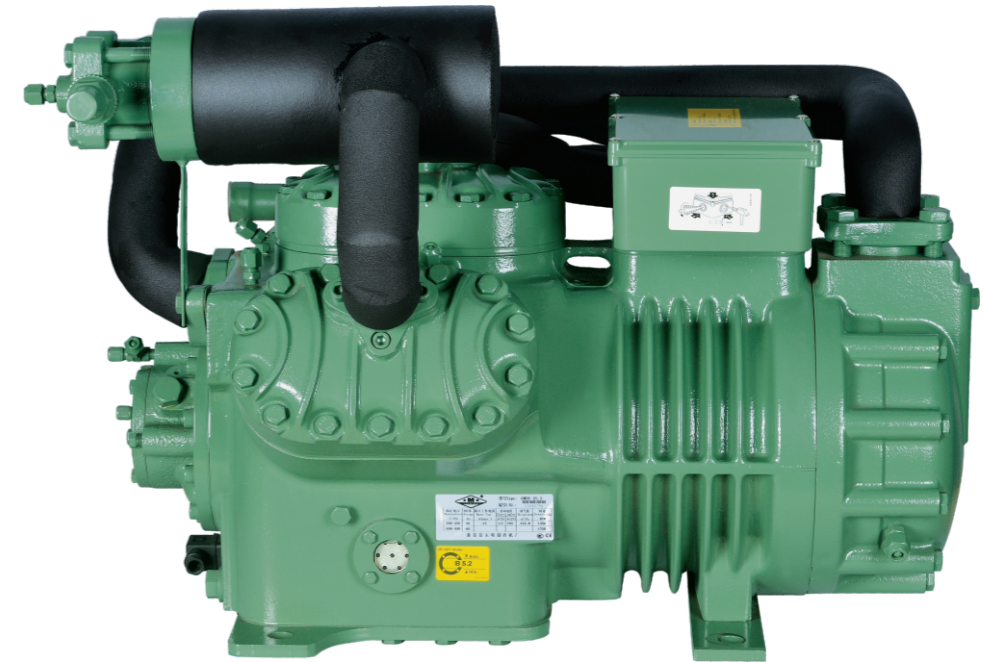
6WD-25.2- -6WG-50.2 压缩机 / 6WD-25.2- -6WG-50.2 compressor



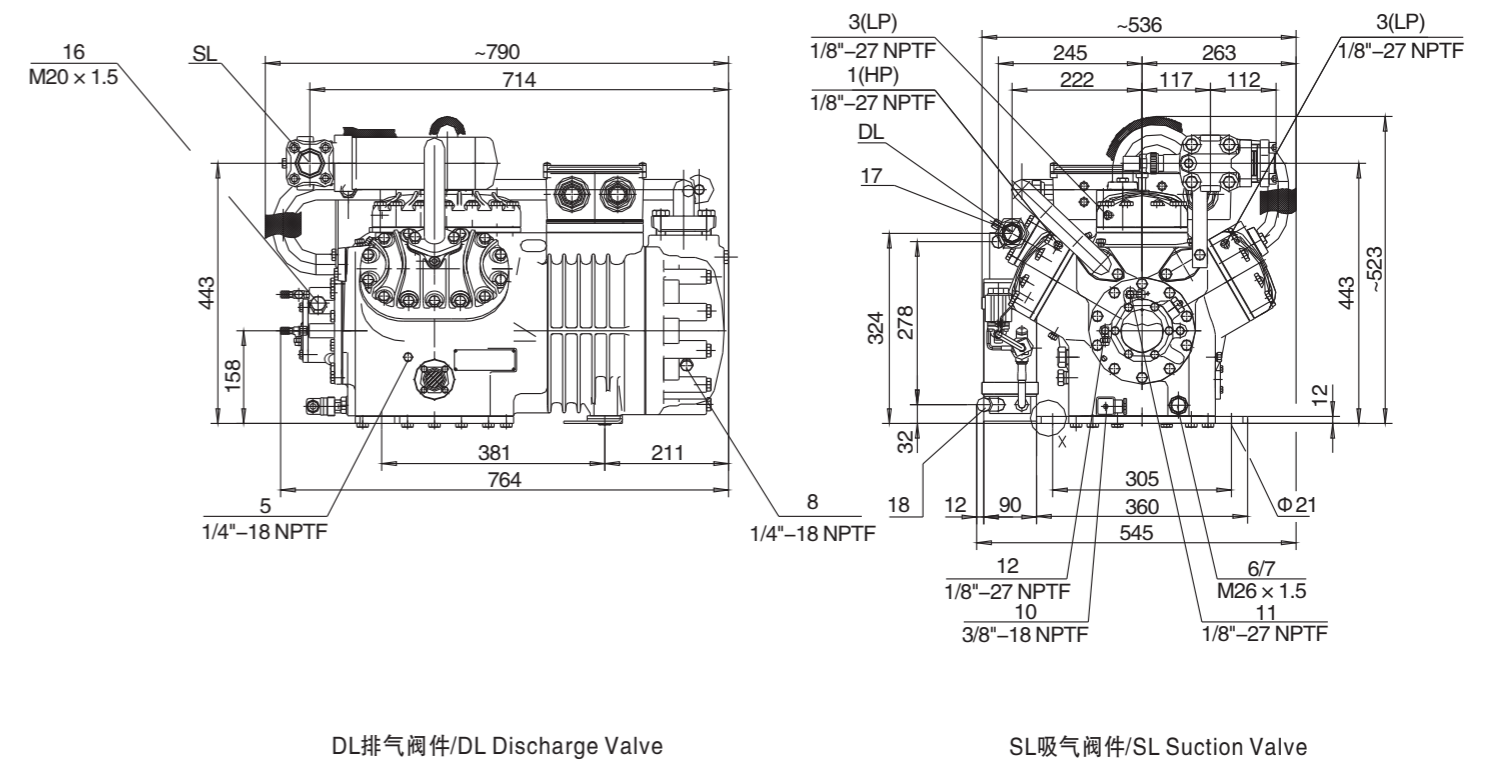
6WD-25.2- -6WG-50.2 压缩机外形图 / Dimensional drawing of 6WD-25.2- -6WG-50.2 compressor



6WDS-20.2- -6WDS-30.2 双级压缩机 / Double-Stage compressor



6WDS-20.2- -6WDS-30.2 双级压缩机外形图 / Dimensional drawing of Double-Stage Compressor





完美与卓越的追求者  
质量与服务的践行者

The pursuer of perfection  
and excellence  
The practitioner of quality  
and service

