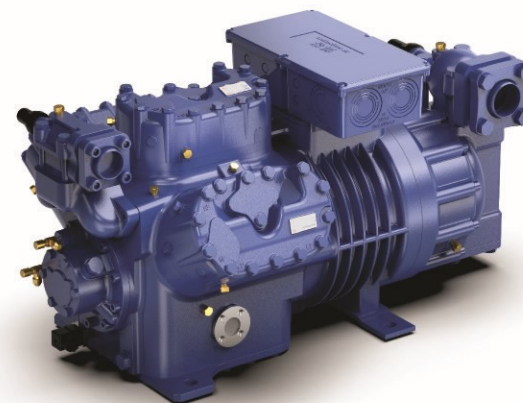
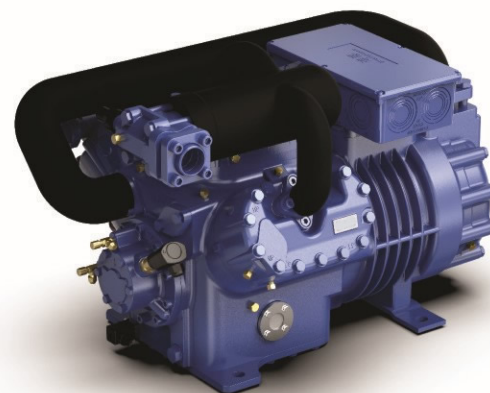




专注于工商制冷压缩机
FOCUS ON INDUSTRIAL AND COMMERCIAL REFRIGERATION COMPRESSORS

Customize For Your Brand



中科高易冷链系统（江苏）有限公司

CAS GYW COLD CHAIN SYSTEM (JIANGSU) CO.,LTD.

地址：常州市武进区常武中路18号常州科教城天润科技大厦B座909室

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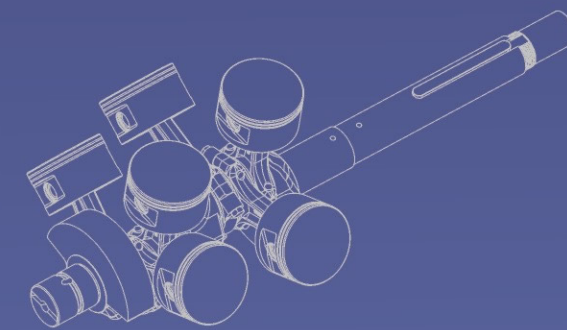
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制冷活塞压缩机
REFRIGERATION
PISTON COMPRESSORS

源自欧洲的制冷压缩机先进技术
专注于工商制冷压缩机制造





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活塞式制冷压缩机

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在本产品目录中,我们将向您介绍半封闭制冷压缩机技术。

该产品广泛应用于石油、化工、化学、制药、船舶和休闲设施等各领域。作为拥有50多年制冷压缩机制造生产的制冷专家,我们开发、设计制造的制冷压缩机,以实用、可靠、高效著称业界。

在技术创新,零部件通用性和产品能效方面,处于国际水平。希望我们注入产品的极大热情,能为您的成功助力。

In this catalogue, we introduce you to semi-hermetic refrigeration compressor technology. The products are widely used in petroleum, chemical, chemical, pharmaceutical, marine and leisure facilities and other fields. As a refrigeration expert in the manufacture and production of refrigeration compressors for more than 50years, we develop, design and manufacture refrigeration compressors that are known for their practicality, reliability and efficiency. In terms of technological innovation, component versatility and product energy efficiency, it is at the international first-class level. We hope that we inject great enthusiasm into our products and contribute to your success.



活塞式制冷压缩机

PISTON REFRIGERATION
COMPRESSOR

03

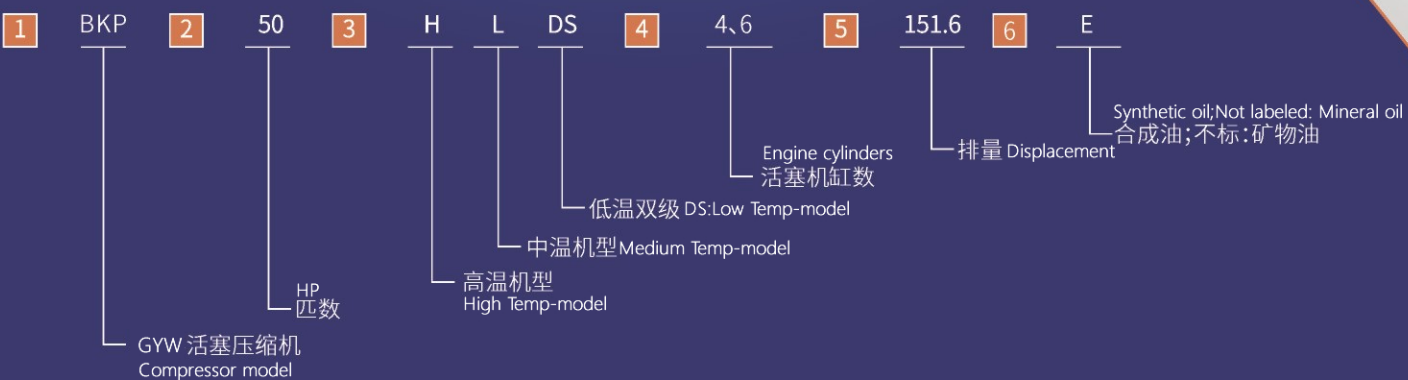


产品特点 Features

- 经验证的压缩机制造工艺,其制冷量和效率均已获得验证;
- 全系运动副均采用专利技术纳米涂层工艺,使产品在短暂缺油状态下,运行更加安全可靠;
- 大排量产品采用拥有专利的三轴承支撑结构设计,极大地改善了电机转子侧的受力状态,使压缩机运行更稳定可靠。
- 全系气阀结构,引进国际先进设计,采用贺尔碧格阀板组,其中,大排量产品采用拥有专利的环状气阀结构,最大限度的增加了阀板吸排气通道面积,并全系配套防液击新型缸盖,极大的提高了产品抗液击能力,使产品更节能、更高效;
- 大排量产品吸气滤网结构,采用拥有专利的,外置大容量吸气滤网结构,易拆洗,降低了压缩机使用和维护成本,同时,提高了压缩机运行的可靠性。
- 高效节能的电机设计,采用高性能 低铁损值的涂膜矽钢片,使电机具有较强的抗过载能力;
- 采用国内首创,全系产品电机采用间隙配合,使现场电机更换维护,简便易行。
- 全系产品结构紧凑、标准化程度高、零部件通用性强,产品运行平稳、噪音低;
- 可提供各种工况的技术参数和产品技术支持。

型号说明 Model Description

BKP50H6-151.6E



The validated compressor manufacturing process has been validated for its refrigeration capacity and efficiency;

All sports pairs in the series adopt patented nano coating technology, which makes the product operate more safely and reliably in a short oil shortage state;

The high displacement product adopts a patented three bearing support structure design, which greatly improves the force state on the motor rotor side, making the compressor operation more stable and reliable.

The entire series of air valve structures are introduced with international advanced design, adopting the Helbig valve plate group. Among them, the large displacement products adopt a patented circular air valve structure, which maximizes the area of the valve plate suction and exhaust channels. The entire series is equipped with a new type of anti liquid shock cylinder head, greatly improving the product's anti liquid shock ability, making the product more energy-saving and efficient

The suction filter structure of the high displacement product adopts a patented and external large capacity suction filter structure, which is easy to disassemble and clean, reducing the cost of compressor use and maintenance, and improving the reliability of compressor operation.

Efficient and energy-saving motor design, using high-performance and low iron loss coated silicon steel sheets, endowing the motor with strong overload resistance: using domestically pioneered products, all series of motors adopt gap fit, making on-site motor replacement and maintenance easy and feasible.

The product structure of the entire series is compact, with a high degree of standardization, strong universality of components, smooth operation of products, and low noise;

We Can provide technical parameters and product technical support for various working conditions.

1.1

技术参数

TECHNICAL PARAMETERS

机型 Engine cylinders	压缩机型号 Compressor model	排量50HL Displacement	排量60HL Displacement	缸数 C-No.	缸径 C-D	行程 stroke	排气 接口	吸气 接口	电源 Power	最大工作电流 I-MAX	最大 功率	启动/堵转电流 Starting current	重量 weight
		m ³ /h	m ³ /h	N	mm	mm	mm	mm					
小四缸 Small four cylinder	BKP3L4-18.05	18.05	21.66	4	41	39.3	16	22	380~420 Y-3-50 440~480 Y-3-60	9.5	5.3	44.2	82
	BKP5H4-18.05	18.05	21.66	4	41	39.3	16	22		10.8	5.8	62.2	86
	BKP4L4-22.72	22.72	27.26	4	46	39.3	16	28		12.2	6.9	53.5	84
	BKP6H4-22.72	22.72	27.26	4	46	39.3	16	28		13.6	7.6	62.2	86
	BKP5L4-26.84	26.84	32.21	4	50	39.3	22	28		14.5	8.1	62.2	85.5
	BKP7H4-26.84	26.84	32.21	4	50	39.3	22	28		16.5	8.9	82.4	88.5
	BKP6L4-32.48	32.48	38.98	4	55	39.3	22	28		17.7	9.7	82.4	90.5
	BKP9H4-32.48	32.48	38.98	4	55	39.3	22	28		20.2	11.3	82.4	90.5
中四缸 Middle four cylinder	BKP7L4-34.73	34.73	41.68	4	55	42.0	22	28	380~420 PW-3-50 440~480 PW-3-60	16.6	11	39/68	129
	BKP10H4-34.73	34.73	41.68	4	55	42.0	22	28		19.9	12	59/99	139
	BKP9L4-41.33	41.33	49.60	4	60	42.0	28	35		19.9	13	49/81	134
	BKP12H4-41.33	41.33	49.60	4	60	42.0	28	35		25.1	14	69/113	141
	BKP12L4-48.50	48.5	58.20	4	65	42.0	28	35		22.7	14	59/99	139
	BKP15H4-48.50	48.5	58.20	4	65	42.0	28	42		28.2	16	81/132	142
	BKP14L4-56.25	56.25	67.50	4	70	42.0	28	35		26.6	17	69/113	141
	BKP20H4-56.25	56.25	67.50	4	70	42.0	28	42		33.2	19	97/158	150
大四缸 Big four cylinder	BKP15L4-63.5	63.5	76.2	4	65	55	28	42		30.8	19	97/158	179
	BKP22H4-63.5	63.5	76.2	4	65	55	28	42		37.2	21	97/158	190
	BKP18L4-73.7	73.7	88.4	4	70	55	28	42		36.7	22	97/158	183
	BKP25H4-73.7	73.7	88.4	4	70	55	28	54		44	25	125/211	203
	BKP23L4-84.5	84.5	101.4	4	75	55	28	54		43.9	27	97/158	192
	BKP30H4-84.5	84.5	101.4	4	75	55	28	54		51.2	28	141/233	206
	BKP28L4-101.1	101.1	121.3	4	82	55	28	54		52.8	31	141/233	207
	BKP35H4-101.1	101.1	121.3	4	82	55	28	54		62.1	35	141/233	207
大六缸 Big six cylinder	BKP28L6-110.5	110.5	132.6	6	70	55	35	54		53.2	33	141/233	233
	BKP35H6-110.5	110.5	132.6	6	70	55	35	54		64.4	36	165/275	241
	BKP34L6-126.8	126.8	152.2	6	75	55	35	54		65.5	40	141/233	228
	BKP40H6-126.8	126.8	152.2	6	75	55	35	54		73.9	42	219/362	238
	BKP44L6-151.6	151.6	181.9	6	82	55	42	54		83.2	46	219/362	239
	BKP50H6-151.6	151.6	181.9	6	82	55	42	54		96.2	51	226/404	241
	BKP5DS4-16.2	16.2	19.4	4	55/46	39.3	22	28		14.5	8.1	62.2	86
	BKP8DS4-28.1	28.1	33.7	4	70/55	42	22	28		19.9	13	49/81	135
双级机 Two stage Series	BKP12DS4-42.3	42.3	50.8	4	75/60	55	28	35	同 与 机 对 型 应 一 单 致 级 机 机	24	13.8	69/113	180
	BKP16DS6-63.5	63.5	76.2	6	65	55	35	42		31	18.3	81/132	209
	BKP20DS6-73.6	73.6	88.3	6	70	55	35	42		37	21.8	97/158	220
	BKP25DS6-84.5	84.5	101.4	6	75	55	35	42		43	25.5	116/193	233
	BKP30DS6-101.1	101.1	121.3	6	82	55	35	42		51	31.9	135/220	234

使用范围

USE RANGE

— H- 高温机
H-high temperature machine

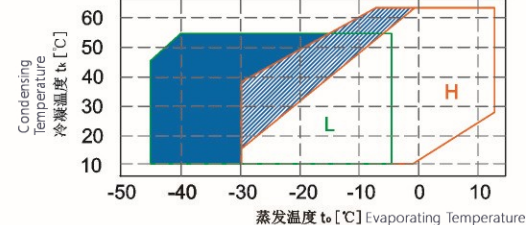
— L- 中温机
L-medium temperature machine

附加冷却或限制吸气过热≤20K
Additional cooling or limit suction overheating 20K

附加冷却
Additional cooling

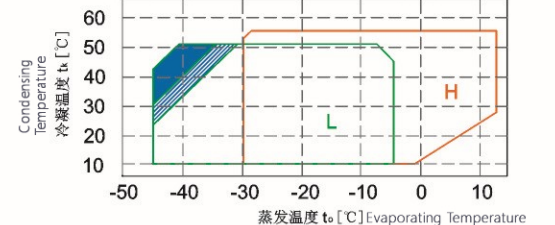
单级压缩机R22运行域

Single stage compressor R22 operating range



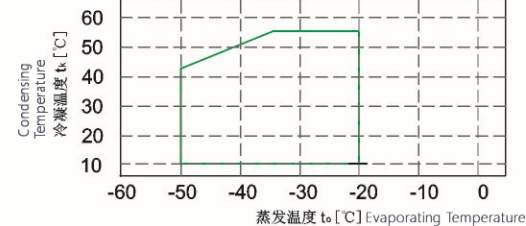
单级压缩机R507A、R404A运行域

Single stage compressors R507A and R404A operating range



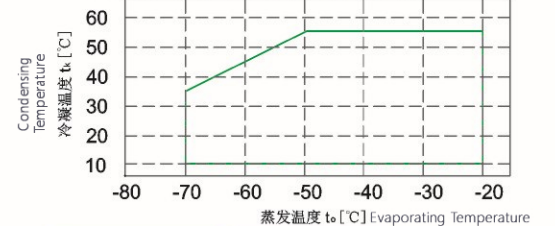
双级压缩机R22运行域

Two stage compressor R22 operating range



双级压缩机 R507A、R404A运行域

Two stage compressors R507A and R404A operating range



1.2 R22制冷量表 R22 REFRIGERATION CAPACITY METER

Refrigeration Capacity/Power Waste
制冷量Q【kW】 耗功P【kW】

压缩机型号 Model	冷凝温度 (°C) Condensing Temperature		蒸发温度 (°C) Evaporating Temperature											
			10	5	0	-7	-10	-15	-20	-25	-28	-35	-40	-42
BKP3L4-18.05 (BKP5H4-18.05)	30	Q	22.3	18.7	15.6	11.9	10.6	8.5	6.8	5.3	4.6	3.0	2.2	1.9
		P	3.1	3.2	3.2	3.1	3.0	2.8	2.6	2.3	2.1	1.7	1.4	1.3
	40	Q	19.8	16.6	13.7	10.4	9.2	7.4	5.8	4.5	3.8	2.4	1.6	1.4
		P	4.0	3.9	3.8	3.5	3.4	3.1	2.8	2.5	2.3	1.8	1.4	1.3
	50	Q	17.3	14.5	12.0	9.0	7.9	6.3	4.9	3.7	3.1	1.9		
		P	4.8	4.6	4.3	3.9	3.8	3.4	3.0	2.6	2.4	1.8		
BKP4L4-22.72 (BKP6H4-22.72)	30	Q	28.2	23.7	19.8	15.1	13.4	10.9	8.7	6.8	5.8	3.9	2.8	2.4
		P	3.9	4.0	4.0	3.9	3.8	3.5	3.2	2.9	2.7	2.2	1.8	1.6
	40	Q	25.1	21.0	17.4	13.2	11.7	9.4	7.4	5.7	4.9	3.1	2.2	1.8
		P	5.1	5.0	4.8	4.5	4.3	4.0	3.6	3.1	2.9	2.2	1.8	1.6
	50	Q	22.0	18.4	15.2	11.5	10.1	8.1	6.3	4.8	4.0	2.5		
		P	6.1	5.9	5.6	5.1	4.9	4.4	3.9	3.4	3.0	2.3		
BKP5L4-26.84 (BKP7H4-26.84)	30	Q	32.5	27.3	22.8	17.5	15.5	12.6	10.1	7.9	6.8	4.6	3.3	2.9
		P	4.5	4.6	4.6	4.4	4.3	4.1	3.8	3.4	3.2	2.6	2.2	2.0
	40	Q	28.9	24.2	20.2	15.3	13.6	10.9	8.7	6.7	5.7	3.7	2.6	2.2
		P	5.8	5.7	5.5	5.1	5.0	4.6	4.2	3.7	3.4	2.7	2.2	2.0
	50	Q	25.4	21.3	17.6	13.4	11.8	9.4	7.4	5.7	4.8	3.0		
		P	7.0	6.7	6.4	5.8	5.6	5.1	4.5	4.0	3.6	2.8		
BKP6L4-32.48 (BKP9H4-32.48)	30	Q	40.9	34.4	28.8	22.1	19.6	16.0	12.8	10.1	8.7	5.9	4.3	3.8
		P	5.7	5.8	5.8	5.6	5.5	5.1	4.8	4.3	4.0	3.3	2.8	2.6
	40	Q	36.4	30.6	25.5	19.5	17.2	13.9	11.1	8.7	7.4	4.9	3.5	3.0
		P	7.3	7.2	7.0	6.6	6.3	5.8	5.3	4.7	4.3	3.5	2.9	2.7
	50	Q	32.1	26.9	22.4	17.0	15.0	12.1	9.5	7.4	6.3	4.0		
		P	9.0	8.7	8.2	7.5	7.1	6.5	5.8	5.1	4.7	3.7		
BKP7L4-34.73 (BKP10H4-34.73)	30	Q	44.5	37.3	31.1	23.7	20.9	16.8	13.3	10.3	8.7	5.9	4.2	3.6
		P	6.1	6.2	6.1	5.8	5.7	5.3	4.8	4.3	4.0	3.2	2.7	2.4
	40	Q	40.0	33.5	27.7	20.9	18.4	14.7	11.5	8.7	7.6	4.9	3.3	2.7
		P	7.7	7.5	7.2	6.6	6.5	5.9	5.3	4.6	4.3	3.4	2.7	2.4
	50	Q	35.5	29.6	24.4	18.2	15.9	12.6	9.7	7.3	6.1	3.7		
		P	9.1	8.7	8.2	7.3	7.2	6.4	5.6	4.9	4.4	3.3		
BKP9L4-41.33 (BKP12H4-41.33)	30	Q	53.3	44.8	37.3	28.5	25.2	20.3	16.1	12.6	10.7	7.3	5.2	4.5
		P	7.4	7.5	7.4	7.0	6.9	6.4	5.9	5.3	4.9	4.0	3.4	3.1
	40	Q	48.0	40.2	33.4	25.3	22.3	17.8	14.0	10.7	9.2	5.9	4.0	3.3
		P	9.3	9.1	8.8	8.1	7.9	7.2	6.4	5.6	5.4	4.3	3.5	3.2
	50	Q	42.8	35.6	29.4	22.1	19.4	15.3	11.9	9.0	7.6	4.6		
		P	11.1	10.6	10.0	9.0	8.8	7.8	6.9	6.1	5.6	4.4		
BKP12L4-48.50 (BKP15H4-48.50)	30	Q	61.9	51.9	43.1	32.8	29.0	23.3	18.4	14.2	12.0	8.4	5.9	5.1
		P	8.6	8.6	8.5	8.1	7.8	7.2	6.6	5.9	5.4	4.7	4.0	3.7
	40	Q	55.6	46.4	38.4	29.0	25.5	20.2	15.8	12.0	10.7	6.8	4.6	3.9
		P	10.7	10.5	10.1	9.2	8.8	8.0	7.1	6.2	6.0	4.8	4.0	3.7
	50	Q	49.3	41.0	33.7	25.1	21.9	17.2	13.2	10.5	8.8	5.3		
		P	12.7	12.1	11.4	10.2	9.7	8.6	7.5	6.9	6.3	4.9		

- 该色块工况区域,须选用高温机型H型 / The operating area of this color block must be selected for the high-temperature H-type machine.
- 表示压缩机必须附加冷却或限制吸气温度 / Indicates that the compressor must have additional cooling or limit the suction temperature.
- 表示压缩机必须附加CIC系统 / Indicates that the compressor must be equipped with a CIC system.
- 表示压缩机必须附加冷却+最大吸气过热度小于20度 / Indicates that the compressor must have additional cooling and a maximum suction superheat of less than 20 degrees Celsius.

1.2 R22制冷量表 R22 REFRIGERATION CAPACITY METER

Refrigeration Capacity/Power Waste
制冷量Q【kW】 耗功P【kW】

压缩机型号 Model		冷凝温度 (°C) Condensing Temperature		蒸发温度 (°C) Evaporating Temperature											
				10	5	0	-7	-10	-15	-20	-25	-28	-35	-40	-42
BKP14L4-56.25 (BKP20H4-56.25)	30	Q	72.3	60.7	50.5	38.5	34.1	27.5	21.8	16.9	14.3	9.6	6.8	5.8	
		P	10.0	10.1	9.9	9.4	9.3	8.6	7.9	7.0	6.5	5.4	4.6	4.2	
	40	Q	65.1	54.4	45.2	34.2	30.1	24.0	18.8	14.4	12.4	8.0	5.4	4.5	
		P	12.5	12.2	11.8	10.8	10.6	9.6	8.6	7.5	7.1	5.7	4.8	4.4	
	50	Q	57.9	48.2	39.8	29.8	26.1	20.6	15.9	12.3	10.2	6.2			
		P	14.8	14.2	13.4	11.6	11.7	10.5	9.2	8.1	7.4	5.8			
BKP15L4-63.5 (BKP22H4-63.5)	30	Q	81.6	68.5	57.0	43.5	38.6	31.2	24.9	19.5	16.6	10.3	7.2	6.0	
		P	11.3	11.4	11.2	10.7	10.4	9.7	8.9	8.1	7.5	6.2	5.2	4.8	
	40	Q	73.4	61.4	50.9	38.5	34.0	27.3	21.5	16.6	13.5	8.4	5.5	4.5	
		P	14.2	13.9	13.3	12.3	11.8	10.8	9.7	8.6	7.9	6.3	5.1	4.6	
	50	Q	65.3	54.4	44.9	33.6	29.5	23.5	18.3	13.6	11.3	6.8			
		P	16.9	16.2	15.2	13.7	12.9	11.6	10.3	9.4	8.5	6.5			
BKP18L4-73.7 (BKP25H4-73.7)	30	Q	95.4	80.2	66.9	51.1	44.9	36.4	29.0	22.7	19.4	12.0	8.3	7.0	
		P	13.2	13.4	13.2	12.6	12.1	11.3	10.4	9.4	8.7	7.1	6.0	5.5	
	40	Q	86.1	72.1	60.0	45.5	39.6	31.8	25.1	19.4	15.7	9.8	6.4	5.3	
		P	16.7	16.3	15.7	14.5	13.8	12.6	11.4	10.1	9.2	7.3	5.9	5.3	
	50	Q	76.7	64.1	53.0	39.9	34.3	27.4	21.4	15.8	13.1	7.9			
		P	19.9	19.1	18.0	16.2	15.2	13.7	12.1	10.9	9.9	7.5			
BKP23L4-84.5 (BKP30H4-84.5)	30	Q	110.1	92.5	77.3	59.1	52.7	42.8	34.3	27.1	23.3	13.9	9.7	8.2	
		P	15.1	15.3	15.1	14.4	14.4	13.4	12.4	11.2	10.5	8.4	7.1	6.6	
	40	Q	99.4	83.4	69.4	52.8	46.7	37.8	30.0	23.5	18.2	11.4	7.5	6.2	
		P	19.1	18.7	18.1	16.7	16.5	15.2	13.7	12.3	11.0	8.8	7.1	6.5	
	50	Q	88.8	74.2	61.5	46.4	40.9	32.8	25.9	18.3	15.3	9.2			
		P	22.8	21.9	20.8	18.8	18.4	16.6	14.8	13.2	12.0	9.2			
BKP28L4-101.1 (BKP35H4-101.1)	30	Q	131.4	110.4	92.2	70.5	63.0	51.1	41.0	32.3	27.8	16.6	11.6	9.8	
		P	18.2	18.4	18.2	17.3	16.9	15.9	14.7	13.3	13.3	10.1	8.5	7.9	
	40	Q	118.7	99.5	82.8	62.9	55.8	45.1	35.9	28.0	28.0	13.7	9.0	7.4	
		P	23.1	22.6	21.8	20.1	19.4	17.9	16.2	14.5	14.5	10.5	8.5	7.8	
	50	Q	105.9	88.5	73.3	55.3	48.8	39.2	30.9	21.9	21.9	11.0			
		P	27.7	26.6	25.1	22.6	21.5	19.5	17.5	15.7	15.7	11.0			
BKP34L6-126.8 (BKP40H6-126.8)	30	Q	164.3	138.0	115.1	88.0	78.5	63.7	51.0	40.1	34.4	20.9	14.5	12.2	
		P	22.8	23.1	22.8	21.8	21.4	20.0	18.3	16.6	15.5	12.6	10.7	9.9	
	40	Q	148.3	124.2	103.2	78.4	69.4	56.0	44.4	34.6	27.3	17.1	11.3	9.2	
		P	28.8	28.2	27.2	25.1	24.5	22.5	20.3	18.1	16.5	13.1	10.7	9.7	
	50	Q	132.2	110.3	91.3	68.7	60.6	48.5	38.2	27.5	22.9	13.8			
		P	34.3	32.9	31.1	28.1	27.2	24.5	21.8	19.7	18.0	13.8			
BKP44L6-151.6 (BKP50H6-151.6)	30	Q	197.1	165.7	138.3	105.8	94.5	76.7	61.5	48.5	41.7	25.1	17.6	14.9	
		P	27.7	28.0	27.7	26.4	25.7	24.1	22.3	20.2	19.0	15.0	13.0	12.2	
	40	Q	178.0	149.2	124.2	94.4	83.7	67.6	53.8	42.0	32.8	20.9	14.0	11.5	
		P	34.8	34.1	32.9	30.5	29.4	27.1	24.6	22.1	19.8	15.8	13.1	12.0	
	50	Q	158.9	132.8	110.0	82.9	73.3	58.8	46.4	33.3	27.8	17.1			
		P	41.5	39.9	37.8	34.1	32.5	29.6	26.5	23.7	21.6	16.6			

1.2 R22制冷量表
R22 REFRIGERATION CAPACITY METER

带经济器

Refrigeration Capacity/Power Waste
制冷量Q【kW】 耗功P【kW】

压缩机型号 Model	冷凝温度 (°C) Condensing Temperature		蒸发温度 (°C) Evaporating Temperature							
			-20	-25	-30	-35	-40	-42	-45	-50
BKP5DS4-16.2	30	Q	8.1	6.7	5.5	4.4	3.5	3.2	2.7	2.0
		P	3.2	3.0	2.8	2.6	2.4	2.3	2.1	1.9
	40	Q	7.8	6.5	5.3	4.3	3.4	3.0	2.6	1.9
		P	3.6	3.4	3.2	2.9	2.7	2.5	2.4	2.1
	50	Q	7.6	6.3	5.2	4.2	3.3			
		P	4.0	3.8	3.5	3.3	3.0			
BKP8DS4-28.1	30	Q	14.1	11.7	9.6	7.8	6.2	5.6	4.8	3.6
		P	5.8	5.4	5.1	4.7	4.3	4.1	3.9	3.5
	40	Q	13.6	11.3	9.3	7.5	5.9	5.4	4.6	3.3
		P	6.7	6.2	5.8	5.3	4.8	4.6	4.3	3.9
	50	Q	13.2	11.0	9.0	7.2	5.7			
		P	7.6	7.0	6.5	5.9	5.4			
BKP12DS4-42.3	30	Q	21.3	17.7	14.6	11.8	9.3	8.5	7.2	5.4
		P	8.8	8.2	7.6	7.0	6.4	6.2	5.8	5.2
	40	Q	20.6	17.1	14.1	11.3	9.0	8.1	6.9	5.0
		P	10.2	9.4	8.7	8.0	7.3	7.0	6.5	5.8
	50	Q	19.9	16.6	13.6	10.9	8.6			
		P	11.5	10.6	9.8	8.9	8.1			
BKP16DS6-63.5	30	Q	30.6	25.6	21.2	17.2	13.8	12.5	10.7	7.9
		P	13.3	12.3	11.2	10.1	9.0	8.6	7.9	6.8
	40	Q	30.0	25.1	20.7	16.9	13.4	12.1	10.3	7.4
		P	15.2	13.9	12.6	11.4	10.1	9.6	8.8	7.5
	50	Q	29.4	24.6	20.4	16.6	13.1			
		P	17.0	15.5	14.1	12.6	11.1			
BKP20DS6-73.6	30	Q	35.5	29.7	24.5	20.0	16.0	14.5	12.4	9.2
		P	15.5	14.2	12.9	11.7	10.4	9.9	9.2	7.9
	40	Q	34.8	29.1	24.0	19.6	15.6	14.1	11.9	8.6
		P	17.6	16.1	14.6	13.2	11.7	11.1	10.2	8.7
	50	Q	34.0	28.5	23.6	19.2	15.2			
		P	19.7	18.0	16.3	14.6	12.8			
BKP25DS6-84.5	30	Q	40.8	34.1	28.1	22.9	18.3	16.6	14.2	10.5
		P	17.8	16.3	14.9	13.4	12.0	11.4	10.5	9.1
	40	Q	39.9	33.4	27.6	22.5	17.9	16.2	13.7	9.9
		P	20.2	18.5	16.8	15.1	13.4	12.7	11.7	10.0
	50	Q	39.1	32.7	27.1	22.1	17.5			
		P	22.7	20.7	18.7	16.7	14.7			
BKP30DS6-101.1	30	Q	48.8	40.8	33.7	27.4	21.9	19.9	17.0	12.6
		P	21.2	19.5	17.8	16.0	14.3	13.6	12.6	10.9
	40	Q	47.7	40.0	33.0	26.9	21.4	19.3	16.4	11.8
		P	24.2	22.1	20.1	18.1	16.0	15.2	14.0	12.0
	50	Q	46.8	39.2	32.4	26.4	20.9			
		P	27.1	24.7	22.4	20.0	17.6			

1.3 R404A、R507A制冷量表
R404A,R507A REFRIGERATION CAPACITY METER

Refrigeration Capacity/Power Waste
制冷量Q【kW】 耗功P【kW】

压缩机型号 Model	冷凝温度 (°C) Condensing Temperature		蒸发温度 (°C) Evaporating Temperature											
			5	0	-7	-10	-15	-20	-25	-28	-35	-40	-42	
BKP3L4-18.05E (BKP5H4-18.05E)	30	Q	21.6	18.0	13.8	12.2	9.9	8.0	6.3	5.5	3.8	2.9	2.5	
		P	3.7	3.7	3.5	3.5	3.3	3.0	2.7	2.6	2.1	1.8	1.7	
	40	Q	18.2	15.2	11.6	10.3	8.4	6.7	5.3	4.6	3.2	2.4	2.1	
		P	4.5	4.3	4.0	4.0	3.7	3.3	3.0	2.8	2.2	1.9	1.8	
	50	Q	14.6	12.2	9.4	8.3	6.8	5.4	4.3	3.7	2.5	1.8	1.6	
		P	5.1	4.9	4.5	4.4	4.0	3.5	3.1	2.9	2.3	1.9	1.7	
BKP4L4-22.72E (BKP6H4-22.72E)	30	Q	27.1	22.6	17.3	15.5	12.6	10.1	8.1	7.0	4.8	3.6	3.2	
		P	4.7	4.7	4.4	4.4	4.1	3.8	3.4	3.2	2.7	2.3	2.1	
	40	Q	22.9	19.1	14.6	13.1	10.6	8.6	6.8	5.8	4.0	3.0	2.6	
		P	5.7	5.5	5.1	5.1	4.7	4.2	3.7	3.5	2.8	2.3	2.2	
	50	Q	18.5	15.5	11.8	10.6	8.6	6.9	5.4	4.6	3.1	2.3	2.0	
		P	6.6	6.2	5.6	5.6	5.1	4.5	3.9	3.6	2.8	2.3	2.1	
BKP5L4-26.84E (BKP7H4-26.84E)	30	Q	31.3	26.1	20.1	17.9	14.6	11.7	9.4	8.1	5.6	4.2	3.7	
		P	5.4	5.4	5.1	5.1	4.8	4.4	4.0	3.7	3.1	2.6	2.5	
	40	Q	26.6	22.3	17.1	15.2	12.3	9.9	7.8	6.8	4.6	3.4	3.0	
		P	6.6	6.4	5.9	5.8	5.3	4.8	4.3	4.0	3.2	2.7	2.5	
	50	Q	21.8	18.2	13.9	12.3	10.0	8.0	6.3	5.4	3.6	2.7	2.3	
		P	7.6	7.2	6.6	6.4	5.8	5.2	4.5	4.1	3.3	2.7	2.4	
BKP6L4-32.48E (BKP9H4-32.48E)	30	Q	39.0	32.6	25.1	22.3	18.2	14.7	11.7	10.1	7.0	5.2	4.6	
		P	6.9	6.8	6.5	6.3	5.9	5.4	4.9	4.5	3.7	3.2	3.0	
	40	Q	33.3	27.8	21.3	18.9	15.3	12.3	9.7	8.3	5.7	4.2	3.6	
		P	8.4	8.1	7.5	7.1	6.5	5.9	5.2	4.8	3.9	3.2	3.0	
	50	Q	27.5	22.9	17.5	15.4	12.5	9.9	7.7	6.6	4.4	3.2	2.8	
		P	9.8	9.2	8.3	7.8	7.1	6.3	5.5	5.0	3.9	3.2	2.9	
BKP7L4-34.73E (BKP10H4-34.73E)	30	Q	42.0	34.9	26.6	23.6	19.1	15.2	11.9	10.2	6.8	4.9	4.3	
		P	7.1	7.0	6.6	6.5	6.0	5.4	4.7	4.4	3.5	2.9	2.6	
	40	Q	35.5	29.4	22.3	19.6	15.7	12.4	9.7	8.2	5.4	3.7	3.2	
		P	8.5	8.1	7.4	7.2	6.5	5.8	5.0	4.5	3.5	2.8	2.5	
	50	Q	28.9	23.9	18.0	15.8	12.6	9.8	7.5	6.3	4.0	2.6	2.2	
		P	9.8	9.1	8.1	7.9	7.0	6.1	5.2	4.6	3.5	2.7	2.4	
BKP9L4-41.33E (BKP12H4-41.33E)	30	Q	50.4	42.0	32.1	28.4	23.1	18.5	14.6	12.5	8.5	6.3	5.5	
		P	8.7	8.5	8.0	7.8	7.2	6.6	5.8	5.4	4.4	3.6	3.4	
	40	Q	42.7	35.5	26.9	23.8	19.2	15.3	11.9	10.2	6.8	4.9	4.2	
		P	10.4	9.9	9.1	8.8	8.0	7.1	6.2	5.7	4.4	3.6	3.3	
	50	Q	34.9	28.9	21.8	19.3	15.4	12.2	9.4	7.9	5.1	3.6	3.0	
		P	12.0	11.2	10.0	9.7	8.6	7.5	6.5	5.9	4.5	3.6	3.2	
BKP12L4-48.50E (BKP15H4-48.50E)	30	Q	58.4	48.5	36.9	32.7	26.4	21.0	16.4	14.1	9.4	6.8	5.9	
		P	10.0	9.8	9.1	8.8	8.1	7.4	6.5	6.0	4.8	4.0	3.6	
	40	Q	49.2	40.8	30.8	27.2	21.8	17.2	13.3	11.3	7.3	5.1	4.4	
		P	12.0	11.4	10.3	9.9	8.9	7.9	6.8	6.2	4.7	3.8	3.4	
	50	Q	40.0	33.0	24.7	21.8	17.3	13.5	10.2	8.6	5.3	3.6	2.9	
		P	13.7	12.7	11.2	10.6	9.4	8.1	6.9	6.2	4.5	3.4	3.0	

该色块工况区域,须选用高温机型H型 / The operating area of this color block must be selected for the high-temperature H-type machine.

1.3 R404A、R507A制冷量表

R404A,R507A REFRIGERATION CAPACITY METER

Refrigeration Capacity/Power Waste
制冷量Q【kW】 耗功P【kW】

压缩机型号	冷凝温度 (°C)	参数	蒸发温度 (°C)										
			5	0	-7	-10	-15	-20	-25	-28	-35	-40	-42
BKP14L4-56.25E (BKP20H4-56.25E)	30	Q	68.7	57.2	43.7	38.5	31.2	25.0	19.7	17.0	11.6	8.5	7.5
		P	11.7	11.5	10.8	10.5	9.8	8.9	8.0	7.4	6.0	5.0	4.6
	40	Q	58.2	48.3	36.7	32.5	26.2	20.8	16.3	13.9	9.3	6.7	5.8
		P	14.1	13.4	12.2	11.9	10.8	9.7	8.5	7.7	6.0	4.9	4.5
	50	Q	47.6	39.5	29.8	26.2	20.9	16.5	12.7	10.7	6.9	4.8	4.1
		P	16.2	15.2	13.5	12.9	11.5	10.1	8.6	7.7	5.8	4.5	4.0
BKP15L4-63.5E (BKP22H4-63.5E)	30	Q	75.5	63.2	48.7	44.1	36.1	29.2	23.3	20.1	13.9	10.3	9.0
		P	13.0	12.7	12.0	11.9	11.1	10.2	9.2	8.6	7.2	6.1	5.7
	40	Q	64.3	53.8	41.2	37.4	30.5	24.5	19.3	16.6	11.2	8.1	7.0
		P	15.7	15.0	13.7	13.5	12.3	11.1	9.8	9.1	7.3	6.1	5.6
	50	Q	52.8	44.0	33.5	30.5	24.7	19.7	15.3	13.1	8.6	6.0	5.1
		P	18.0	16.8	15.0	14.7	13.2	11.7	10.2	9.3	7.2	5.8	5.3
BKP18L4-73.7E (BKP25H4-73.7E)	30	Q	88.2	74.0	57.1	51.5	42.2	34.2	27.3	23.7	16.5	12.3	10.8
		P	15.6	15.2	14.3	14.2	13.2	12.1	10.9	10.2	8.5	7.2	6.7
	40	Q	75.2	63.0	48.5	43.8	35.7	28.8	22.9	19.7	13.5	9.9	8.7
		P	18.6	17.7	16.2	16.1	14.7	13.2	11.7	10.8	8.7	7.3	6.7
	50	Q	61.7	51.6	39.5	35.8	29.1	23.3	18.3	15.7	10.5	7.6	6.5
		P	21.2	19.9	17.8	17.6	15.8	14.0	12.2	11.2	8.7	7.1	6.5
BKP23L4-84.5E (BKP30H4-84.5E)	30	Q	101.2	84.9	65.6	59.5	48.9	39.7	31.8	27.7	19.4	14.6	12.9
		P	18.2	17.7	16.5	16.8	15.6	14.3	12.9	12.0	9.9	8.5	7.9
	40	Q	86.2	72.2	55.7	50.7	41.5	33.6	26.8	23.2	16.1	12.0	10.6
		P	21.6	20.6	18.8	19.1	17.4	15.7	13.9	12.8	10.3	8.7	8.1
	50	Q	70.5	59.0	45.3	41.5	33.9	27.3	21.7	18.7	12.8	9.5	8.3
		P	24.5	22.9	20.5	21.0	18.9	16.7	14.6	13.3	10.5	8.7	8.0
BKP28L4-101.8E (BKP35H4-101.8E)	30	Q	120.0	100.9	78.3	70.3	57.9	47.1	37.8	33.0	23.2	17.6	15.6
		P	22.3	21.7	20.4	20.1	18.8	17.2	15.5	14.5	12.0	10.2	9.5
	40	Q	102.0	85.8	66.6	59.9	49.3	40.0	32.0	27.8	19.3	14.4	12.6
		P	26.6	25.4	23.3	22.8	20.9	18.8	16.7	15.4	12.4	10.3	9.5
	50	Q	83.3	70.2	54.5	49.2	40.4	32.7	26.0	22.4	15.3	11.0	9.5
		P	30.4	28.6	25.7	24.9	22.5	20.0	17.5	15.9	12.4	10.0	9.1
BKP34L6-126.8E (BKP40H6-126.8E)	30	Q	147.3	123.6	95.7	87.7	72.3	58.9	47.5	41.4	29.4	22.4	19.9
		P	27.0	26.3	24.7	25.0	23.3	21.4	19.3	18.1	15.1	13.0	12.2
	40	Q	124.8	104.8	81.0	74.9	61.6	50.1	40.3	35.0	24.6	18.6	16.4
		P	31.8	30.4	27.9	28.5	26.1	23.6	21.1	19.5	15.9	13.5	12.2
	50	Q	102.0	85.7	66.0	61.7	50.6	41.1	32.8	28.4	19.7	14.6	12.8
		P	36.1	34.1	30.7	31.6	28.6	25.5	22.4	20.5	16.4	13.5	12.5
BKP44L6-151.6E (BKP50H6-151.6E)	30	Q	178.9	150.3	116.4	105.5	86.8	70.6	56.8	49.4	34.9	26.4	23.4
		P	33.4	32.6	30.7	30.5	28.5	26.3	23.8	22.3	18.7	16.1	15.0
	40	Q	151.7	127.6	98.8	89.9	73.9	60.0	48.0	41.7	29.0	21.5	18.9
		P	39.6	37.8	34.7	34.3	31.6	28.6	25.5	23.7	19.3	16.2	15.0
	50	Q	123.6	104.1	80.6	73.8	60.6	49.0	39.0	33.6	22.9	16.5	14.3
		P	44.8	42.1	37.9	37.4	34.0	30.3	26.6	24.4	19.3	15.8	14.5

该色块工况区域,须选用高温机型H型 / The operating area of this color block must be selected for the high-temperature H-type machine.

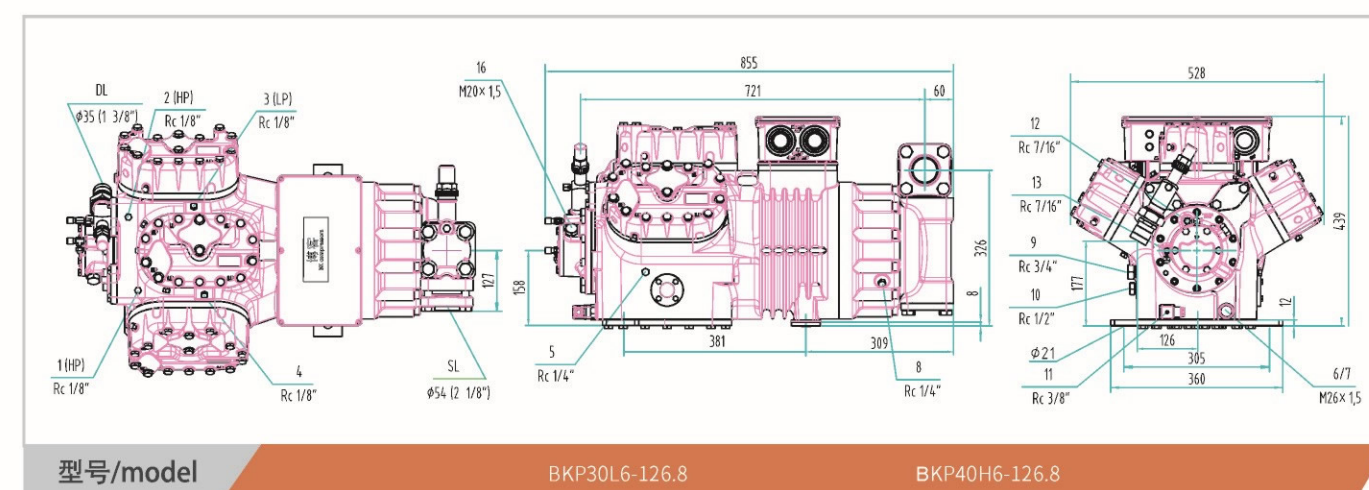
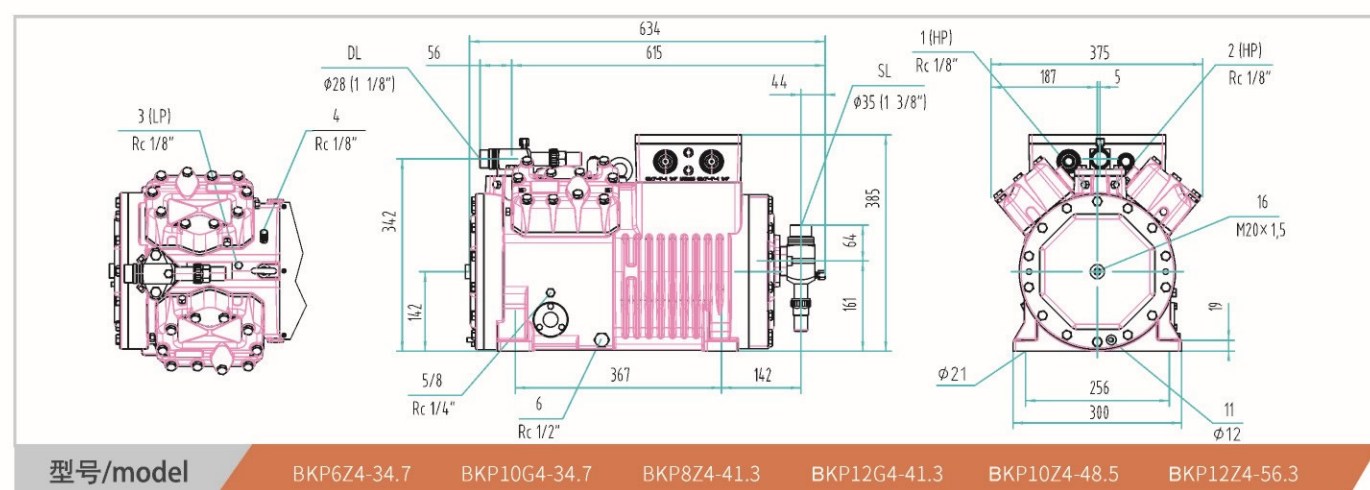
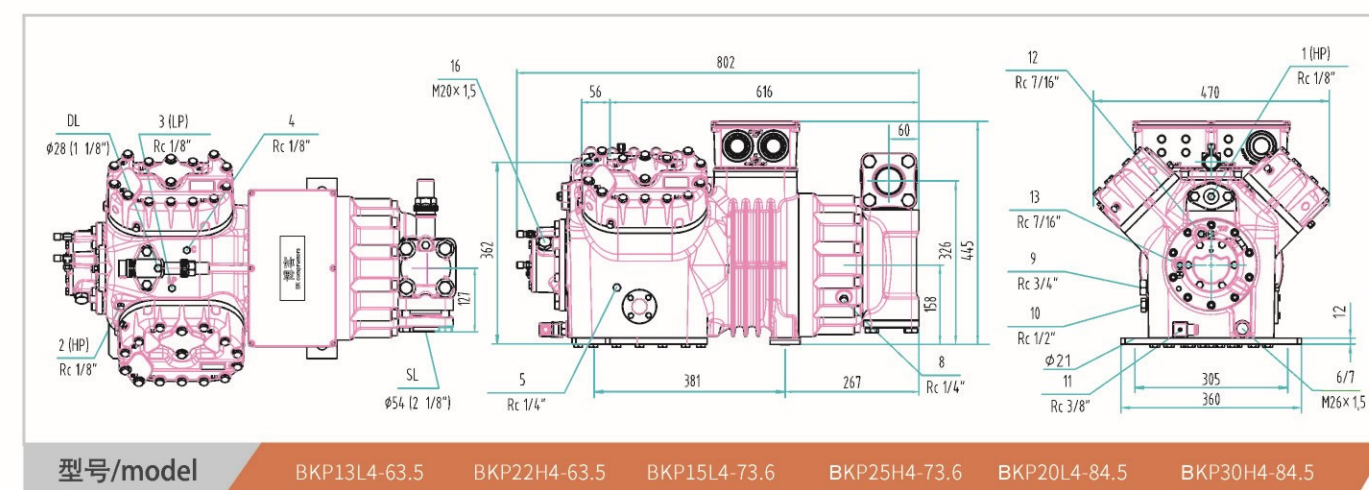
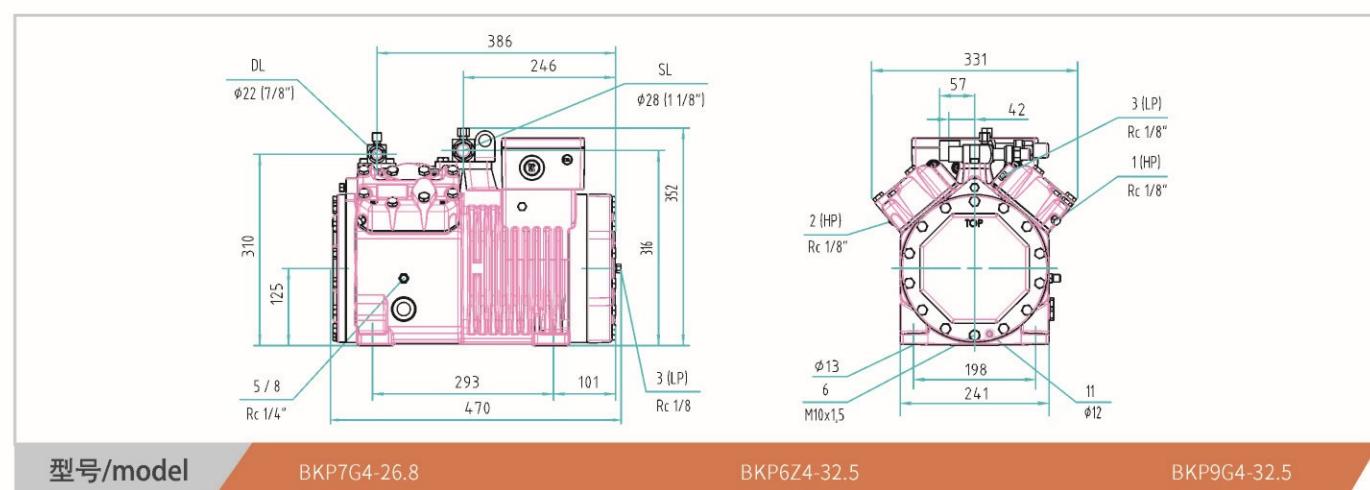
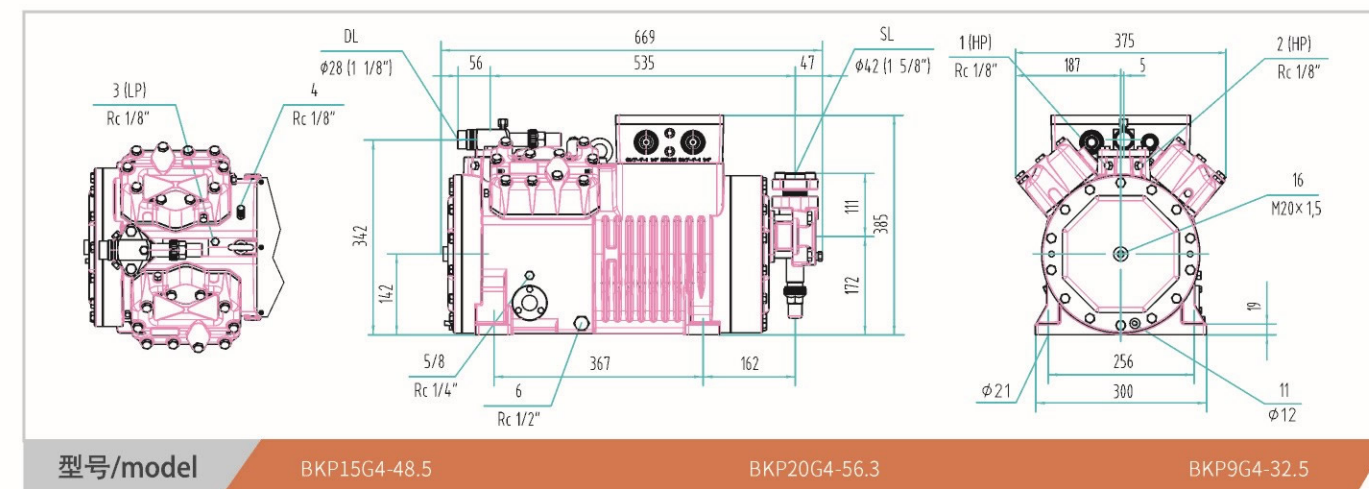
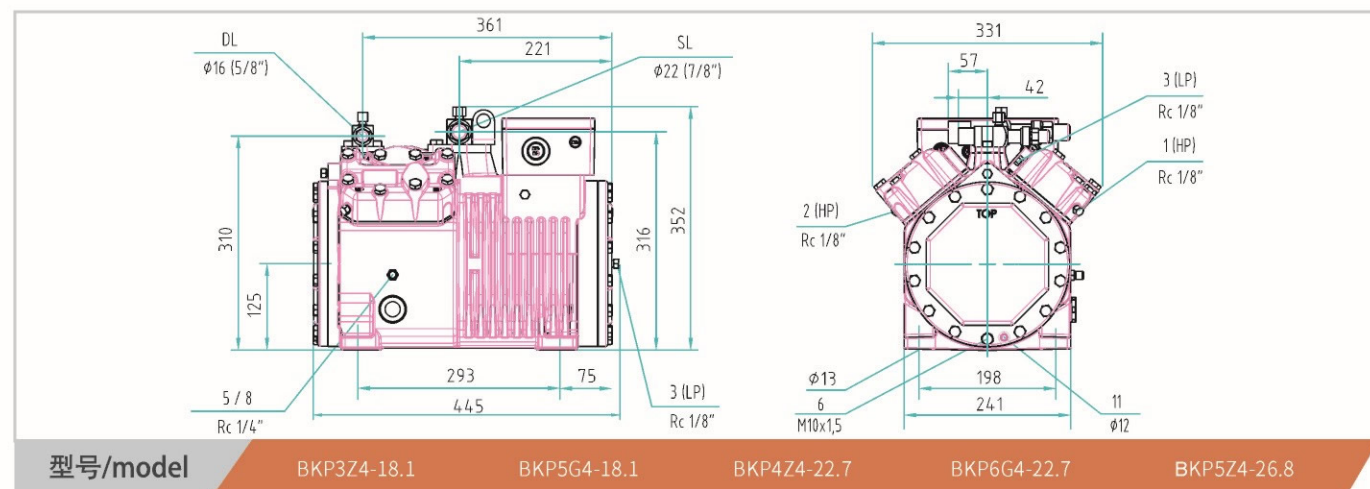
1.3 R404A、R507A制冷量表

R404A,R507A REFRIGERATION CAPACITY METER 带经济器

Refrigeration Capacity/Power Waste
制冷量Q【kW】 耗功P【kW】

压缩机型号	冷凝温度 (°C)	参数	蒸发温度 (°C)										
			-25	-30	-35	-40	-42	-45	-50	-55	-60	-65	-70
BKP5DS4-16.2E	30	Q	7.9	6.6	5.5	4.5	4.1	3.6	2.9	2.2	1.7	1.2	0.9
		P	3.7	3.5	3.2	2.9	2.8	2.6	2.4	2.1	1.8	1.5	1.3
	40	Q	7.6	6.3	5.3	4.3	3.9	3.5	2.8	2.1	1.6	1.2	
		P	4.2	3.9	3.6	3.3	3.1	2.9	2.6	2.3	1.9	1.6	
	50	Q	7.3	6.1	5.1	4.1	3.8	3.4	2.6	2.1			
		P	4.7	4.4	4.0	3.6	3.5	3.2	2.9	2.5			
BKP8DS4-28.1E	30	Q	13.6	11.4	9.5	7.8	7.1	6.3	5.0	3.9	3.0	2.2	1.5
		P	6.5	6.0	5.6	5.1	4.9	4.6	4.1	3.6	3.1	2.6	2.2
	40	Q	13.1	11.0	9.1	7.5	6.9	6.0	4.8	3.7	2.8	2.1	
		P	7.4	6.8	6.3	5.7	5.5	5.1	4.5	3.9	3.4	2.8	
	50	Q	12.5	10.5	8.7	7.2	6.6	5.8	4.6	3.6			
		P	8.2	7.6	7.0	6.3	6.0	5.7	5.0	4.3			
BKP12DS4-42.3E	30	Q	20.3	17.6	15.0	12.5	11.6	10.2	8.2	6.4	4.9	3.7	2.7
		P	9.8	9.1	8.4	7.7	7.4	6.9	6.2	5.4	4.7	4.0	3.3
	40	Q	19.7	17.0	14.4	12.0	11.1	9.8	7.8	6.2	4.7	3.5	
		P	11.1	10.3	9.4	8.6	8.2	7.7	6.8	5.9	5.1	4.3	
	50	Q	18.8	16.2	13.7	11.4	10.6	9.4	7.6	5.9			
		P	12.4	11.5	10.5	9.5	9.1	8.5	7.5	6.5			
BKP16DS6-63.5E	30	Q	28.7	24.8	21.1	17.7	16.4	14.6	11.7	9.3	7.2	5.4	4.0
		P	14.2	13.0	11.9	10.7	10.2	9.6	8.5	7.5	6.5	5.6	4.7
	40	Q	27.6	23.8	20.3	17.0	15.7	13.9	11.3	8.9	6.9	5.2	
		P	16.1	14.7	13.3	12.0	11.5	10.7	9.5	8.4	7.2	6.2	
	50	Q	26.5	22.8	19.4	16.2	15.1	13.4	10.9	8.6			
		P	17.9	16.3	14.8	13.3	12.7	11.9	10.5	9.2			
BKP20DS6-73.6E	30	Q	33.2	28.6	24.4	20.5	19.0	16.8	13.6	10.7	8.3	6.3	4.6
		P	16.5	15.1	13.8	12.4	11.9	11.1	9.9	8.7	7.5	6.5	5.5
	40	Q	31.8	27.5	23.4	19.6	18.2	16.1	13.0	10.3	8.0	6.0	
		P	18.7	17.0	15.4	13.9	13.3	12.4	11.0	9.7	8.4	7.2	
	50	Q	30.5	26.3	22.3	18.7	17.4	15.5	12.5	9.9			
		P	20.7	18.9	17.1	15.4	14.7	13.8	12.2	10.7			
BKP25DS6-84.5E	30	Q	37.7	32.6	27.9	23.4	21.7	19.3	15.6	12.3	9.5	7.2	5.3
		P	19.0	17.4	15.8	14.3	13.7	12.8	11.3	9.9	8.6	7.4	6.3
	40	Q	36.2	31.4	26.7	22.4	20.8	18.4	14.9	11.8	9.2	6.9	
		P	21.4	19.5	17.7	16.0	15.3	14.3	12.7	11.1	9.6	8.2	
	50	Q	34.7	29.9	25.5	21.4	19.9	17.7	14.3	11.4			
		P	23.8	21.7	19.7	17.7	16.9	15.8	14.0	12.2			
BKP30DS6-101.1E	30	Q	45.1	39.0	33.3	27.9	25.9	23.0	18.5	14.7	11.4	8.6	6.3
		P	22.7	20.8	18.9	17.1	16.4	15.3	13.6	11.9	10.3	8.9	7.5
	40	Q	43.1	37.3	31.7	26.6	24.7	21.9	17.7	14.1	10.9	8.3	
		P	25.3	23.2	21.2	19.1	18.3	17.1	15.1	13.3	11.5	9.9	
	50	Q	41.0	35.4	30.2	25.4	23.6	21.0	17.1	13.6			
		P	28.2	25.8	23.5	21.2	20.2	18.9	16.7	14.6			

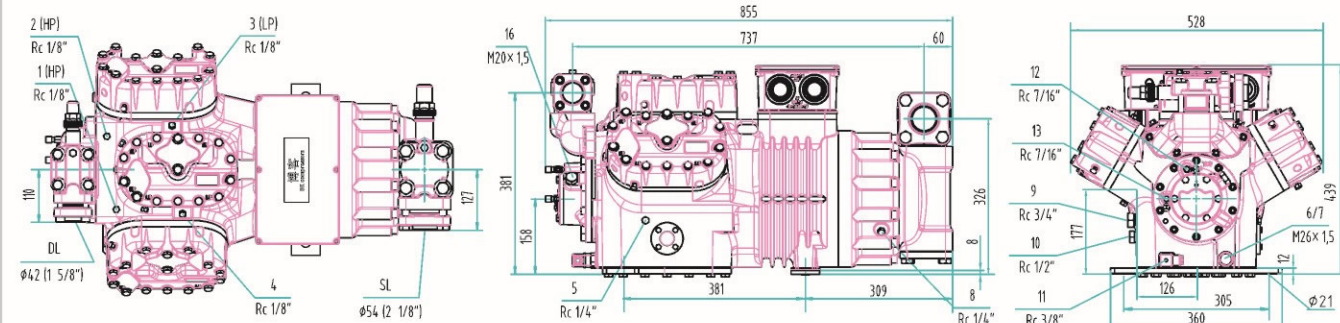
1.4 外形图 OUTLINE DRAWING



受产品模具更新影响, 产品照片、外形仅供参考, 具体以产品实物为准。

Due to the impact of product mold updates, product photos and appearance are for reference only, and the actual product shall prevail.

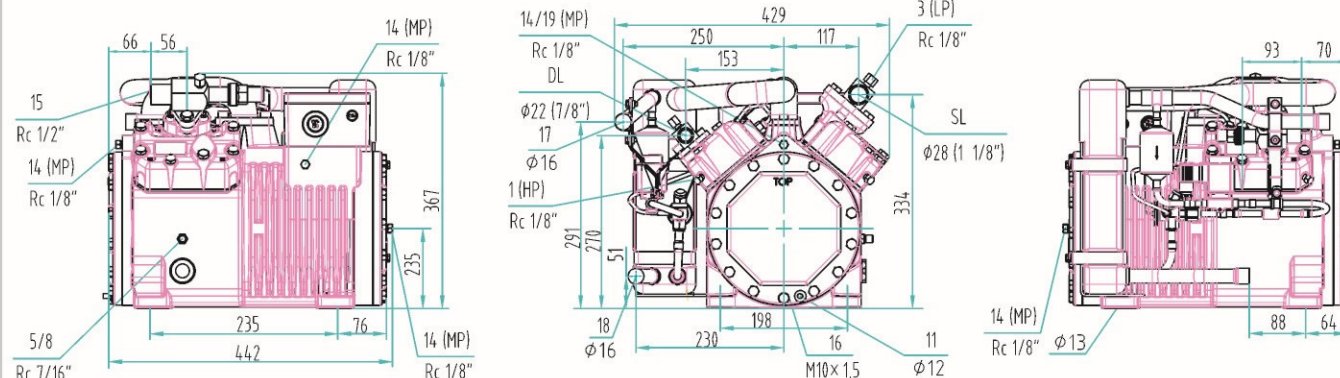
1.4 外形图 OUTLINE DRAWING



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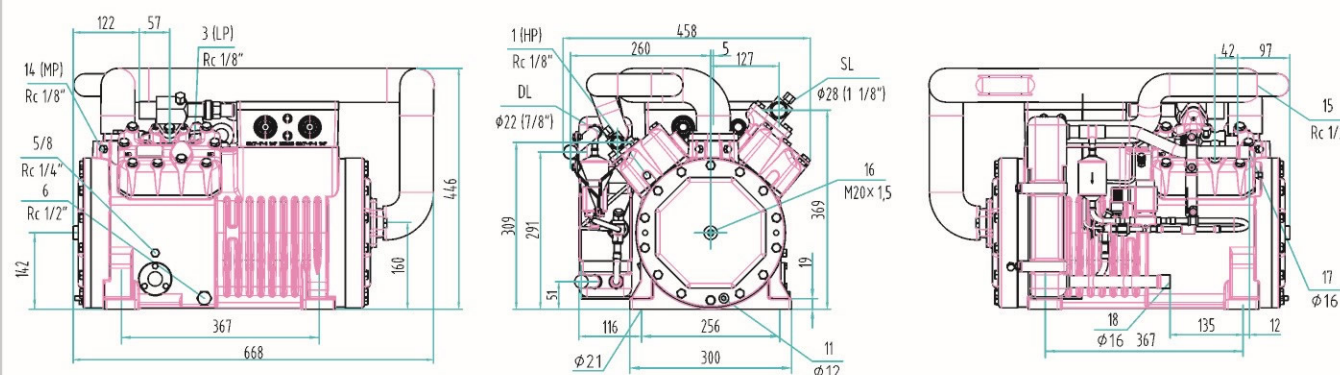
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BKP50H6-151.6



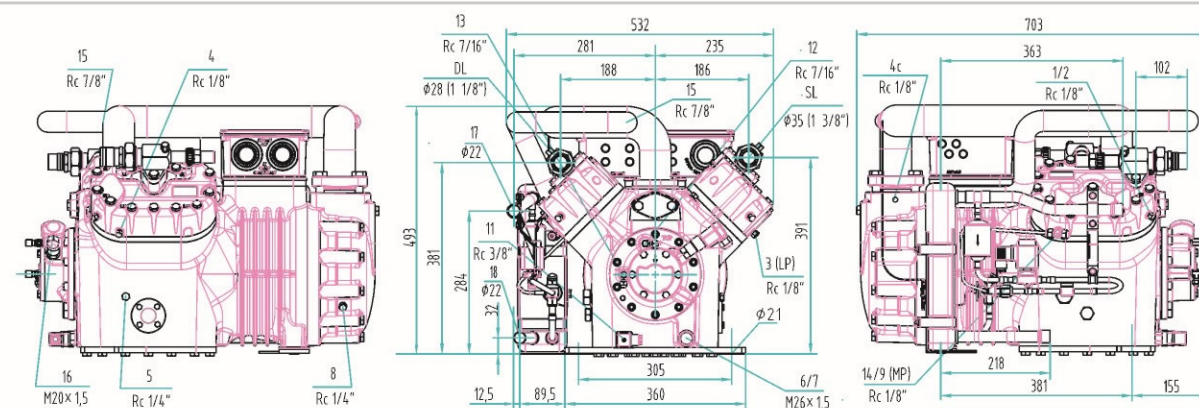
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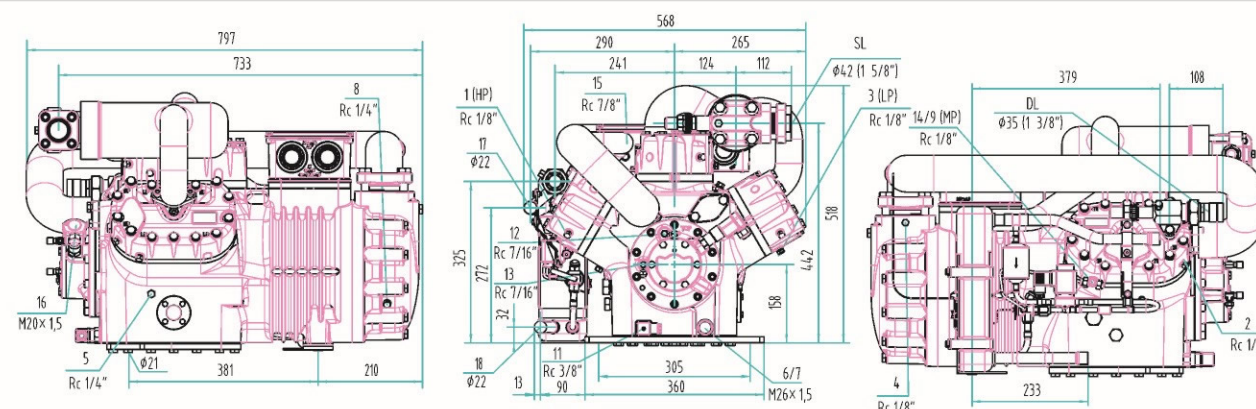
型号/model

BKP8DS4-28.1



型号/model

BKP12DS4-42.3



型号/model

BKP16DS6-63.5

BKP20DS6-73.6

BKP25DS6-84.5

BKP30DS6-101.1

图示接管位置说明 Explanation of Pipes Location In The Drawing

- | | |
|--|--|
| <ul style="list-style-type: none"> 1、高压接口(HP) 1、High pressure connection (HP) 2、排气温度探头接口(HP) 2、Discharge gas temperature sensor(HP) 3、低压接口(LP) 3、Low pressure connection (LP) 4、CIC系统:喷嘴接口(不带液体过冷器运行) 4、CIC system: spray nozzle(operation without liquid subcooler) 5、加油堵 5、Oil fill plug 6、放油口 6、Oil drain 7、油过滤器(带磁螺栓) 7、Oil filter (magnetic screw) 8、回油口(接油分离器) 8、Oil return(oil separator) 9、气平衡接口(并联运行) 9、Gas equalization (parallel operation) 10、气平衡接口(并联运行) 10、Oil equalization (parallel operation) 11、曲轴箱加热器 11、Crankcase heater | <ul style="list-style-type: none"> 12、油压高压接口+ 12、Oil pressure highconnection+ 13、油压低压接口- 13、Oil pressure low connection 14、中间压力接口(MP) 14、Intermediate pressure connection (MP) 15、喷嘴口(不带液体过冷器、热力膨胀阀运行) 15、Liquid injection(operation without liquid subcooler and with thermostatic expansion valve) 16、油压差开关"Delta-P"连接 16、Connection for diherential oil pressure switch "Delta-P" 17、液体过冷器制冷剂入口 17、Refrigerant inlet at liquid subcooler 18、液体过冷器制冷剂出口 18、Refrigerant outlet at liquid subcooler 19、热力膨胀阀外平衡管接口(带液体过冷器运行) 19、Thermal expansion valve outer balance pipe interface (operation with liquid subcooler) DL 排气阀接口 DL-Discharge valve connection SL 吸气阀接口 SL-Suction valve connection |
|--|--|

受产品模具更新影响,产品照片、外形仅供参考,具体以产品实物为准。

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