

Nash 2BV 液环真空泵

无油，机泵同轴，直联设计

Nash 2BV Liquid-Ring Vacuum Pumps

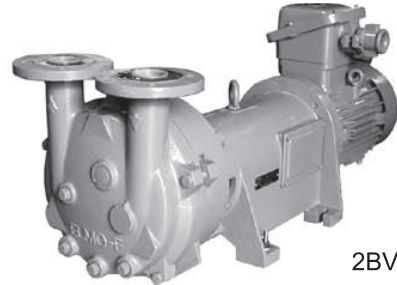
Oil-Free, in Monoblock and Close-Coupled Design



2BV2



2BV5



2BV6

概述 General

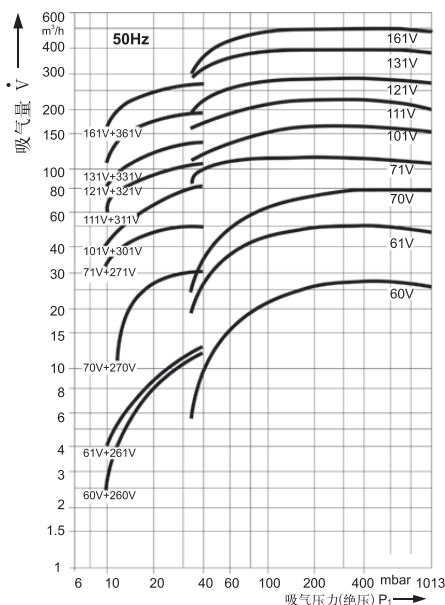
Nash 2BV 真空泵适于抽除气体和水蒸汽，吸气压力可以达到 33mbarA(97% 真空度)。当真空泵在吸气压力低于 80mbarA 的状态下长期工作时，应联接汽蚀保护管以对泵进行保护。如配大气喷射器（见附件表）吸气压力可达 10mbarA，喷射器可直接安装在真空泵上。

Nash 2BV 系列真空泵由 2BV2 系列，2BV5 系列，2BV6 系列组成。其中 2BV2，2BV5 系列为机泵同轴设计，非常节省空间（防护等级为 IP55）2BV6 系列为真空泵与电机直联结构型式。

Nash 2BV vacuum pumps are suitable for evacuating gases and wet vapours down to inlet pressures of 33 mbarA (97% vacuum). All these vacuum pumps are supplied with built-in cavitation protection. For long-term operation below 80 mbarA the cavitation protection should be connected for protecting the pump. An inlet pressure of 10 mbarA can be achieved by connecting a gas ejector (see accessories). The gas ejector can be mounted directly onto the vacuum pump.

Nash 2BV vacuum pumps consists of 2BV2, 2BV5 and 2BV6 series. The 2BV2, 2BV5 series are especially space saving units in monoblock design (degree of protection IP55). The 2BV6 range is in close-coupled design with drive motor.

性能曲线 Characteristic curves



左图性能曲线是在下列条件下得出的：气体为 20℃ 的饱和空气，排气压力为 1013mbarA，工作液温度 15℃，性能允许误差为 ±10%。图中左侧性能曲线显示，在配用大气喷射器后吸气压力可小于 33mbarA。工作液流量见第 4 页。

The characteristic curves are based on the evacuation of 100% saturated air with a temperature of 20℃ . Discharge pressure is 1013 mbarA, and the operating liquid is water with a temperature of 15℃ , tolerance ±10%. The characteristic curves with inlet pressure below 33mbarA are achieved with the vacuum pump and connected gas ejector (accessory). For the operating liquid flow, refer to page 4.

选型和订购资料， 50Hz
Selection and ordering data, 50 Hz

曲线编号 Curve No.	结构材料 ¹⁾ ion	电机额定功率	额定电压	额定电流	噪音 ²⁾	订购号	重量（约）
	泵体 / 圆盘 / 叶轮	（千瓦）	（伏）	（安培）	（分贝）		公斤
	Material of construction1)	Motor Rated	Rated	Rated	Sound pressure	Order No.	Weight approx.
	Casing/port plate/impeller	output kw	voltage V	current A	level ²⁾ dB(A)		Kg

整体设计的 Nash 2BV 真空泵， 50Hz
Nash 2BV vacuum pumps in monoblock design, 50 Hz

60v	铸铁 / 铝青铜 / 铝青铜 Cast iron/bronze/bronze	0.81	220 △ /380Y	3.5 △ /2.0Y	62	2BV2 060-0NC00-2P	33
61V	铸铁 / 铝青铜 / 铝青铜 Cast iron/bronze/bronze	1.45	220 △ /380Y	5.9 △ /3.4Y	65	2BV2 061-0NC02-2P	34
70V	铸铁 / 铝青铜 / 铝青铜 Cast iron/bronze/bronze	2.35	220 △ /380Y	8.7 △ /5.0Y	66	2BV2 070-0NC00-2P	54
71V	铸铁 / 铝青铜 / 铝青铜 Cast iron/bronze/bronze	3.85	380 △ /660Y	8.2 △ /4.7Y	72	2BV2 071-0NC03-7P	62
101V	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze	4	380 △ /660Y	8.8 △ /5.1Y	63	2BV5 110-0KC00-7P	97
111V	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze	5.5	380 △ /660Y	13.2 △ /7.6Y	68	2BV5 111-0KC00-7P	113
121V	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze	7.5	380 △ /660Y	15.6 △ /9.0Y	69	2BV5 121-0KC00-7P	144
131V	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze	11	380 △ /660Y	22.6 △ /13.0Y	73	2BV5 131-0KC00-7P	194
161V	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze	15	380 △ /660Y	31.4 △ /18.1Y	74	2BV5 161-0KC02-7P	340

直联式 Nash 2BV 真空泵， 50 Hz
Nash 2BV vacuum pumps in close-coupled design, 50 Hz

101V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	4	380 △ /660Y	8.8 △ /5.1Y	63	2BV6110-0HC00-7P	145
111V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	5.5	380 △ /660Y	13.2 △ /7.6Y	68	2BV6111-0HC00-7P	197
121V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	7.5	380 △ /660Y	15.6 △ /9.0Y	69	2BV6121-0HC00-7P	303
131V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	11	380 △ /660Y	22.6 △ /13.0Y	73	2BV6131-0HC00-7P	303
161V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	15	380 △ /660Y	31.4 △ /18.1Y	74	2BV6161-0HC02-7P	439

直联式 Nash 2BV 真空泵， 50 Hz, Ex e II T3
Nash 2BV vacuum pumps in close-coupled design, 50 Hz, Ex eII T3

101V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	4	380 △ /660Y	8.8 △ /5.1Y	63	2BV6 110-0HD00-7P	154
	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze					2BV6 110-0KD00-7P	148
111V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	5.5	380 △ /660Y	13.2 △ /7.6Y	68	2BV6 111-0HD00-7P	210
	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze					2BV6111-0KD00-7P	196

选型和订购资料， 50Hz
Selection and ordering data, 50 Hz

曲线编号 Curve No.	结构材料 ¹⁾ ion	电机额定功率	额定电压	额定电流	噪音 ²⁾	订购号	重量（约）
	泵体 / 圆盘 / 叶轮	（千瓦）	（伏）	（安培）	（分贝）		公斤
	Material of construction1)	Motor Rated	Rated	Rated	Sound pressure	Order No.	Weight approx.
	Casing/port plate/impeller	output kw	voltage V	current A	level ²⁾ dB(A)		Kg

直联式 Nash 2BV 真空泵， 50 Hz, Ex e II T3
Nash 2BV vacuum pumps in close-coupled design, 50 Hz, Ex e II T3

131V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	11	380 △ /660Y	22.6 △ /13.0Y	73	2BV6 131-0HD00-7P	328
	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze					2BV6 131-0KD00-7P	314
161V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	15	380 △ /660Y	31.4 △ /18.1Y	74	2BV6 161-0HD02-7P	475
	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze					2BV6 161-0KD02-7P	426

直联式 Nash 2BV 真空泵， 50 Hz, Ex d I or Ex d II T4
Nash 2BV vacuum pumps in close-coupled design, 50 Hz, Ex d I or Ex d II T4

101V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	4	380 △ /660Y	8.8 △ /5.1Y	63	2BV6 110-0HE00-7P	154
	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze					2BV6 110-0KE00-7P	148
111V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	5.5	380 △ /660Y	13.2 △ /7.6Y	68	2BV6 111-0HE00-7P	210
	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze					2BV6 111-0KE00-7P	196
121V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	7.5	380 △ /660Y	15.6 △ /9.0Y	69	2BV6 121-0HE00-7P	235
	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze					2BV6 121-0KE00-7P	220
131V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	11	380 △ /660Y	22.6 △ /13.0Y	73	2BV6 131-0HE00-7P	328
	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze					2BV6 131-0KE00-7P	314
161V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	15	380 △ /660Y	31.4 △ /18.1Y	74	2BV6 161-0HE02-7P	475
	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze					2BV6 161-0KE02-7P	426

2BV. 真空泵采用单端面机械密封，内冲洗（标准结构），
2BV6. 真空泵也可采用外冲洗的单端面或双端面机械密封。
2BV. vacuum pumps are supplied with single-acting mechanical seal and internal sealant supply (Standard construction), For the 2BV6. range, single-acting mechanical seal and double-acting mechanical seal with external sealant supply are also available.

1) 参阅 5-8 页的材料结构说明。
See materials of construction pages 5 to 8.
2) 噪音是在进气压力（100 毫巴）和管路已连接好的情况下距其 1 米处测量。根据 DIN45635，第 13 部分。
Measuring-surface sound-pressure level in acc.with DIN 45635, Part 13, measured at 1 m distance at medium inlet pressure (100mbarA) and with pipes connected.

工作液流量 Operating liquid flow , 50Hz

型 号 Type	在 50 赫兹，不同吸入压力 P1（绝压）外循环 ¹⁾ / 内循环 ²⁾ 条件下的工作液用量 Operating liquid flow at 50Hz, for fresh water operation ¹⁾ / optional recirculation ²⁾ of operating liquid Inlet pressure P1 （abs.）		
	<200 mbar m³/h	200-500 mbar m³/h	>500 mbar m³/h
2BV2:			
2BV2 060	0.20 / 0.12	0.20 / 0.12	0.20 / 0.12
2BV2 061	0.23 / 0.12	0.23 / 0.12	0.23 / 0.12
2BV2 070	0.28 / 0.15	0.28 / 0.15	0.28 / 0.15
2BV2 071	0.40 / 0.25	0.40 / 0.25	0.40 / 0.25

2BV5 / 2BV6:			
2BV. 110	0.80 / 0.45	0.35 / 0.25	0.30 / 0.12
2BV. 111	1.00 / 0.50	0.40 / 0.30	0.35 / 0.12
2BV. 121	1.20 / 0.60	0.40 / 0.30	0.35 / 0.12
2BV. 131	1.80 / 0.90	0.45 / 0.40	0.40 / 0.18
2BV. 161	2.40 / 1.20	0.70 / 0.60	0.50 / 0.25

最大允许的吸入水量和最大允许的出口背压， 三相 50Hz
Maximum permissible water carry-over or maximum permissible back pressure , three-phase current, 50Hz

型号 Type	最大允许的吸入水量 Max.of permitted water carry-over m³/h	最大允许的出口背压 Max.permissible back pressure mbarA
2BV2:		
2BV2 060	0.50	1200
2BV2 061	0.57	1200
2BV2 070	0.70	1200
2BV2 071	1.12	1200

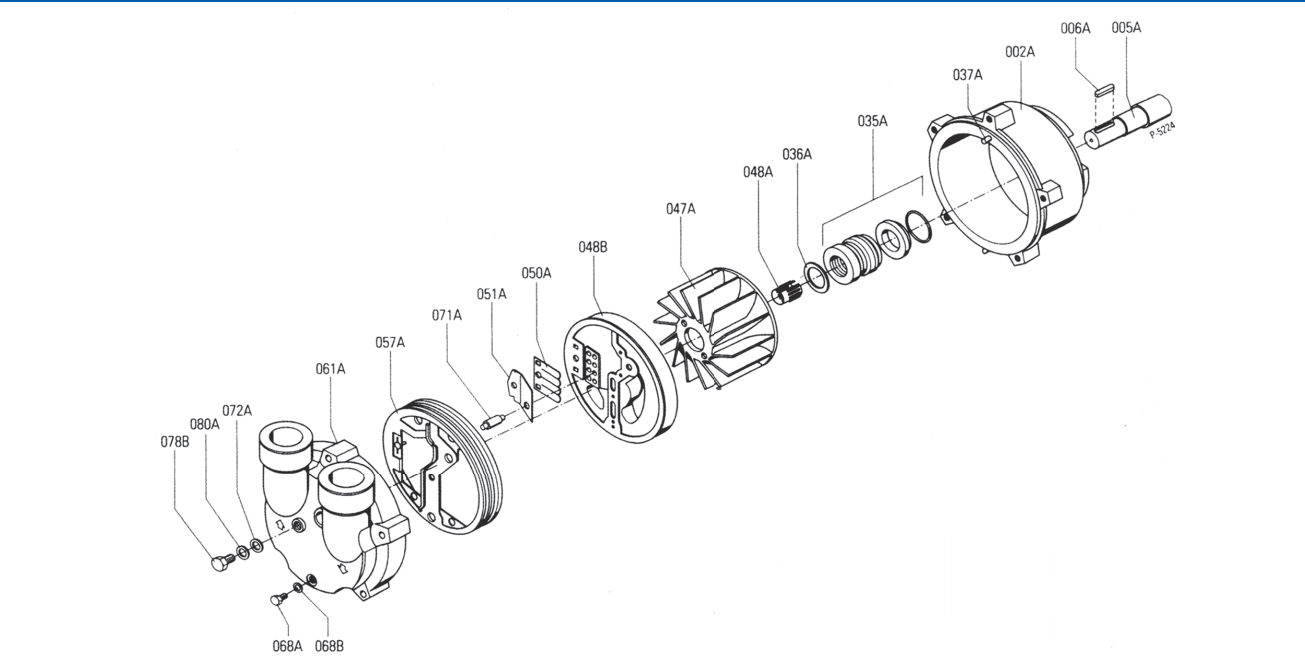
2BV5 / 2BV6:		
2BV. 110	2.5	1300
2BV. 111	3.0	1300
2BV. 121	3.5	1300
2BV. 131	5.0	1300
2BV. 161	3.0	1300

特殊说明
Special versions

机泵同轴，直联式 Nash 2BV 真空泵也可用作压缩机。欲知详情请与我们联系。
Nash 2BV vacuum pumps in monoblock and close-coupled design are also available as compressors.
For further information please contact us.

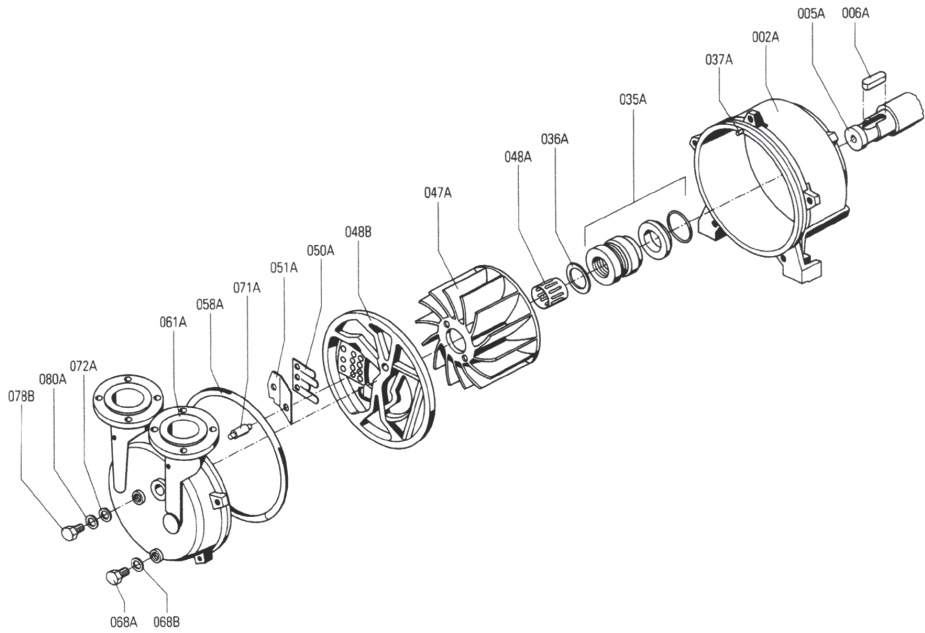
1) 无汽水分离器 。
Without discharge liquid separator.
2) 带汽水分离器和内循环工作液（附件）。
With discharge liquid separator and internal operating liquid recirculation (accessory).

2BV2 结构材料 Materials of construction for 2BV2



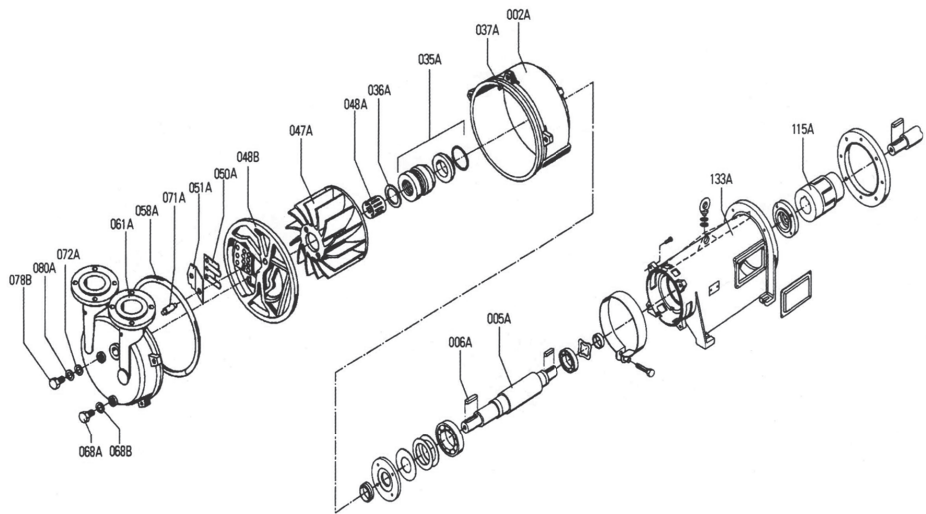
零件号 Part No.	名称 Name	材料 灰口铸铁 / 铝青铜 / 铝青铜	Material Cast iron/Bronze/Bronze
002A	泵体 Casing	灰口铸铁 GB/T 9439-2010-HT200	Grey cast iron ASTM A48/A48M-2003/CLASS30B
005A	电机轴 Motor shaft	不锈钢 GB/T 1220-2007-20Cr13	Chrome steel ASTM A276/A276M-17/420
006A	键 Feather key	不锈钢 GB/T 1220-2007-20Cr13	Chrome steel ASTM A276/A276M-17 420
035A	机械密封 Mechanical seal	石墨 / 陶瓷 / 氟橡胶 / 不锈钢	Carbon/ceramic/fluorine-caotchouc/chrome-nickel steel
036A	垫圈 Washer	不锈钢 GB/T 3280-2007-022Cr17Ni12Mo2	Chrome-nickel steel ASTM A240/A240M-2016a/316L
037A	定位销 Set screw	钢 GB_T 699-2015	SteelDIN EN 28750
047A	叶轮 Impeller	铝青铜 EN 1982-CC333G	Cast aluminium bronze ASTM B148-14/C95500
048A	叶轮间隙环 Tolerance ring for impeller	不锈钢 EN 10088-1.4310	Chrome-nickel steel ASTM A240/A240M-2016a/304
048B	圆盘 Port plate	铝青铜 DIN1714-G-CuAl10Ni	Cast aluminium bronze (ASTM B 148-74,No.955)
050A	阀片 Valve plate	聚四氟乙烯 PTFE	Teflon PTFE
051A	阀片挡板 Intercepting plate	不锈钢 GB/T 3280-2007-022Cr17Ni12Mo2	Chrome-nickel steel ASTM A240/A240M-2016a/316L
057A	密封垫 Sealing ring	丁晴橡胶 ASTM D 1418-72a,NBR	Nitrile-butadiene-caotchouc ASTM D1418-2010a/NBR
061A	泵盖 Endshield	灰口铸铁 GB/T 9439-2010-HT200	Grey cast iron ASTM A48/A48M-2003/CLASS30B
068A	丝堵 Plug screw	钢	Steel
068B	密封环 Sealing ring	聚四氟乙烯 PTFE	Teflon PTFE
071A	汽蚀保护管 Pipe for cavitation protection	不锈钢 GB/T 1220-2007-022Cr17Ni12Mo2	Chrome-nickel steel ASTM A276/A276M-17/316L
072A	汽蚀保护垫圈 Washer for cavitation protection	不锈钢 GB3280-2007-06Cr19Ni10	Chrome-nickel steel ASTM A240/A240M-2016a/304
078B	丝堵 Plug screw	钢	Steel
080A	密封环 Sealing ring	聚四氟乙烯 PTFE	Teflon PTFE

2BV5 结构材料 Materials of construction for 2BV5



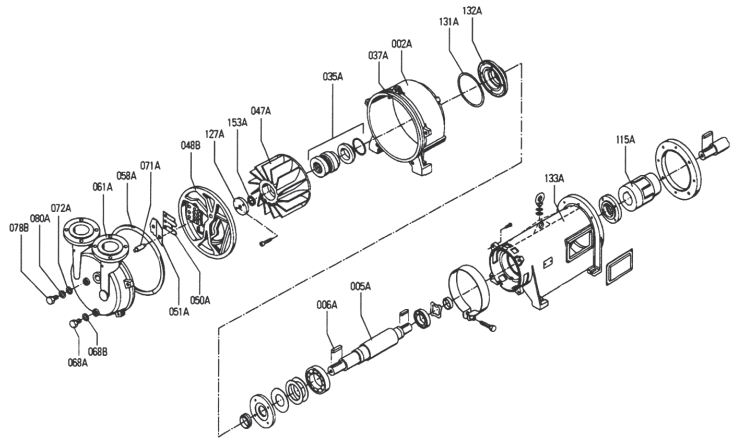
零件号 Part No.	名称 Name	材料 灰口铸铁 / 灰口铸铁 / 铝青铜	Material Grey cast iron /Grey cast iron /Bronze
002A	泵体 Casing	灰口铸铁 GB/T 9439-2010-HT200	Grey cast iron ASTM A48/A48M-2003/CLASS30B
005A	电机轴 Motor shaft	不锈钢 GB/T 1220-2007-20Cr13	Chrome steel ASTM A276/A276M-17/420
006A	键 Feather key	不锈钢 GB/T 1220-2007-20Cr13	Chrome steel ASTM A276/A276M-17/420
035A	机械密封 Mechanical seal	石墨 / 陶瓷 / 氟橡胶 / 不锈钢	Carbon/ceramic/fluorine-caotchouc/chrome-nickel -molybdenum steel
036A	垫圈 Washer	不锈钢 GB/T 3280-2007-022Cr17Ni12Mo2	Chrome steel ASTM A240/A240M-2016a/316L
037A	定位销 Set screw	钢 GB_ T 699-2015	Steel DIN EN 28750
047A	叶轮 Impeller	铝 青 铜 EN 1982-CC333G	Cast aluminium bronze ASTM B148-14/C95500
048A	叶轮间隙环 Tolerance ring for impeller	不锈钢 EN 10088-1.4310	Chrome-nickel steel ASTM A240/A240M-2016a/304
048B	圆盘 Port plate	灰口铸铁 GB/T 9439-2010-HT200	Grey cast iron ASTM A48/A48M-2003/CLASS30B
050A	阀片 Valve plate	聚四氟乙烯 PTFE	Teflon PTFE
051A	阀 片 挡 板 Intercepting plate	不锈钢 GB/T 3280-2007-022Cr17Ni12Mo2	Chrome-nickel steel ASTM A240/A240M-2016a/316L
058A	密封圈 O-ring	丁晴橡胶 ASTM D1418-2010a/NBR	Nitrile-butadiene-caotchouc ASTM D1418-2010a/NBR
061A	泵盖 Endshield	灰口铸铁 GB/T 9439-2010-HT200	Grey cast iron ASTM A48/A48M-2003/CLASS30B
068A	丝堵 Plug screw	钢	Steel
068B	密封垫 Sealing ring	聚四氟乙烯 PTFE	Teflon PTFE
071A	汽蚀保护管 Pipe for cavitation protection	聚四氟乙烯 PTFE	Teflon PTFE
072A	汽蚀保护垫圈 Washer for cavitation protection	不锈钢 GB3280-2007-06Cr19Ni10	Chrome-nickel steel ASTM A240/A240M-2016a/304
078B	丝堵 Plug screw	钢	Steel
080A	密封垫 Sealing ring	聚四氟乙烯 PTFE	Teflon PTFE

2BV6 结构材料 (铸铁结构) Materials of construction for 2BV6 (cast iron version)



零件号 Part No.	名称 Name	材料 灰铸铁 / 灰铸铁 / 铝青铜	Material Grey cast iron /Grey cast iron /Bronze
002A	泵体 Casing	灰口铸铁 GB/T 9439-2010-HT200	Grey cast iron ASTM A48/A48M-2003/CLASS30B
005A	泵轴 Pump shaft	不锈钢 GB/T 1220-2007-20Cr13	Chrome steel ASTM A276/A276M-17/420
006A	键 Feather key	不锈钢 GB/T 1220-2007-20Cr13	Chrome-nickel steel ASTM A276/A276M-17/420
035A	机械密封 Mechanical seal	石墨 / 陶瓷 / 氟橡胶 / 不锈钢	Carbon/Ceramic/Fluorine-caotchouc/Chrome-nickel -molybdenum steel
036A	垫圈 Washer	不锈钢 GB/T 3280-2007-022Cr17Ni12Mo2	Chrome steel ASTM A240/A240M-2016a/316L
037A	定位销 Set screw	钢 GB_ T 699-2015	Steel DIN EN 28750
047A	叶轮 Impeller	铝青铜 EN 1982-CC333G	Cast aluminium bronze ASTM B148-14/C95500
048A	叶轮间隙环 Tolerance ring for impeller	不锈钢 EN 10088-1.4310	Chrome-nickel steel ASTM A240/A240M-2016a/304
048B	圆盘 Port plate	灰口铸铁 GB/T 9439-2010-HT200	Grey cast iron ASTM A48/A48M-2003/CLASS30B
050A	阀片 Valve plate	聚四氟乙烯 PTFE	Teflon PTFE
051A	阀片挡板 Intercepting plate	不锈钢 GB/T 3280-2007-022Cr17Ni12Mo2	Chrome-nickel steel ASTM A240/A240M-2016a/316L
058A	密封圈 O-ring	丁晴橡胶 ASTM D1418-2010a/NBR	Nitrile-butadiene-caotchouc ASTM D1418-2010a/NBR
061A	泵盖 Endshield	灰口铸铁 GB/T 9439-2010-HT200	Grey cast iron ASTM A48/A48M-2003/CLASS30B
068A	丝堵 Plug screw	钢	Steel
068B	密封垫 Sealing ring	聚四氟乙烯 PTFE	Teflon PTFE
071A	汽蚀保护管 Pipe for cavitation protection	聚四氟乙烯 PTFE	Teflon PTFE
072A	汽蚀保护垫圈 Washer for cavitation protection	不锈钢 GB3280-2007-06Cr19Ni10	Chrome-nickel steel ASTM A240/A240M-2016a/304
078B	丝堵 Plug screw	钢	Steel
080A	密封垫 Sealing ring PTFE	聚四氟乙烯 PTFE	Teflon PTFE
115A	联轴器 Flexible coupling	梅花形弹性联轴器	LM series coupling
133A	托架 Support	灰口铸铁 GB/T 9439-2010-HT200	Grey cast iron ASTM A48/A48M-2003/CLASS30B

2BV6 结构材料 (不锈钢结构) Materials of construction for 2BV6 (stainless steel version)



零件号 Part No.	名称 Name	材料 不锈钢 / 不锈钢 / 不锈钢	Material CrNi steel/CrNi steel/CrNi steel
002A	泵体 Casing	不锈钢 BS EN 10283-2010 1.4581	Cast chrome-nickel steel ASTM A351/A351M-2016/CF3M
005A	泵轴 Pump shaft	不锈钢 GB/T 1220-2007-022Cr17Ni12Mo2	Chrome-nickel steel ASTM A276/A276M-17/316L
006A	键 Feather key	不锈钢 GB/T 1220-2007-022Cr17Ni12Mo2	DIN 6885,chrome-nickel steel ASTM A276/A276M-17/316L
035A	机械密封 Mechanical Seal	石墨 / 陶瓷 / 包氟橡胶 / 不锈钢	Sic/Carbon/Viton,double(PTFE) sheathed/CrNiMo steel
037A	定位销 Set screw	不锈钢 GB/T 1220-2007-022Cr17Ni12Mo2	Chrome-nickel steel ASTM A276/A276M-17/316L
047A	叶轮 Impeller	不锈钢 BS EN 10283-2010 1.4581	Cast chrome-nickel steel ASTM A351/A351M-2016/CF3M
048B	圆盘 Port plate	不锈钢 BS EN 10283-2010 1.4581	Cast chrome-nickel steel ASTM A351/A351M-2016/CF3M
050A	阀片 Valve plate	聚四氟乙烯 PTFE	Teflon PTFE
051A	阀片挡板 Intercepting plate	不锈钢 GB/T 3280-2007-022Cr17Ni12Mo2	Chrome-nickel steel ASTM A240/A240M-2016a/316L
058A	密封圈 O-ring	聚四氟乙烯包绕氟橡胶	Viton,double(PTFE) sheathed
061A	泵盖 Endshield	不锈钢 BS EN 10283-2010 1.4581	Cast chrome-nickel stee ASTM A351/A351M-2016/CF3M
068A	丝堵 Plug screw	不锈钢	Chrome-nickel steel
068B	密封垫 Sealing ring	聚四氟乙烯 PTFE	Teflon PTFE
071A	汽蚀保护管 Pipe of cavitation protection	聚四氟乙烯 PTFE	Teflon PTFE
072A	汽蚀保护垫圈 Washer for cavitation protection	不锈钢 GB/T 3280-2007-022Cr17Ni12Mo2	Chrome-nickel steel ASTM A240/A240M-2016a/316L
078B	丝堵 Plug screw	不锈钢	Chrome-nickel steel
080A	密封垫 Sealing ring	聚四氟乙烯 PTFE	Teflon PTFE
115A	联轴器 Flexible coupling	梅花形弹性联轴器	LM series coupling
127A	叶轮压板 Supporting disc	不锈钢 GB1220-92-0Cr18Ni12Mo2Ti	Chrome-nickel steel ASTM A240/A240M-2016a/316L
131A	密封圈 O-ring	聚四氟乙烯包绕氟橡胶	Viton, PTFE wrapped
132A	机封压盖 MS gland	不锈钢 BS EN 10283-2010 1.4581	Chrome-nickel steel ASTM A351/A351M-2016/CF3M
133A	托架 Support	灰口铸铁 GB/T 9439-2010-HT200	Grey cast iron ASTM A48/A48M-2003/CLASS30B
153A	垫圈 Washer	不锈钢 GB/T 3280-2007-022Cr17Ni12Mo2	Chrome-nickel steel ASTM A240/A240M-2016a/316L

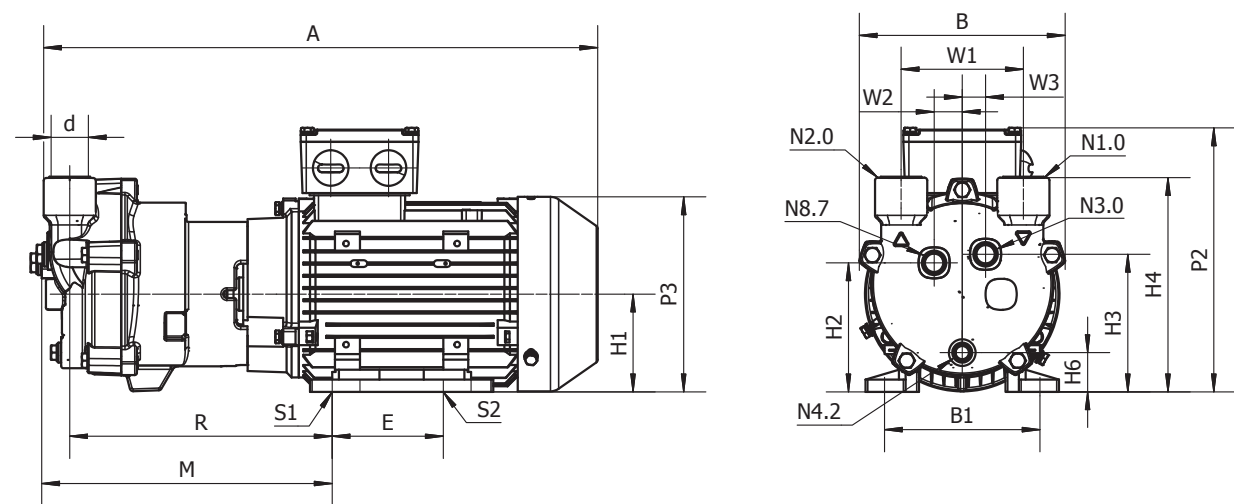
2BV2 附件订购数据 Selection and ordering data accessories for 2BV2

		材 质 Material	泵型号 For type	订购号 Order No.	重 量 Weight approx. kg
	汽水分离器 带内循环管路 和汽蚀保护管 Discharge liquid separator including recirculation pipe and cavitation protection pipe	钢 Steel	2BV2 060-0N...	2BX1 061	4
			2BV2 061-0N...	2BX1 061	4
			2BV2 070-0N...	2BX1 062	7
			2BV2 071-0N...	2BX1 062	7
	止回阀（对夹式） 垂直安装 Non-return valve (between flanges) for vertical mounting	钢 Steel	2BV2 060-0N...	2BY6 903-0BX08	0.7
			2BV2 061-0N...	2BY6 903-0BX08	0.7
			2BV2 070-0N...	2BY6 904-0BX08	0.7
			2BV2 071-0N...	2BY6 904-0BX08	0.7
		不锈钢 Chrome-nickel steel	2BV2 060-0N...	2BY6 903-0HX08	0.8
			2BV2 061-0N...	2BY6 903-0HX08	0.8
			2BV2 070-0N...	2BY6 904-0HX08	0.8
			2BV2 071-0N...	2BY6 904-0HX08	0.8
	安装配件 用于将止回阀直接安装在泵上 Mounting accessory for direct mounting of the non- return valve onto the pump 包括一套法兰，螺栓和垫片 consisting of 1 set of flanges, fixing screws and gaskets	铸铁 Cast iron	2BV2 060-0N...	已包含于相应的 止回阀内 Included in the no-return valve	1.5
			2BV2 061-0N...		1.5
			2BV2 070-0N...		1.9
			2BV2 071-0N...		1.9
		不锈钢 Chrome-nickel steel			
大气喷射器（性能曲线参阅第一页） Gas ejector (characteristic curves see page 1)					
Mains frequency 50 Hz and 60Hz 频 率 50Hz/60Hz					
	曲 线 编号 Curve No.	大气阀体，扩压器，喷嘴 Head;diffusor;nozzle			
	60V + 260V	铸铁，黄铜，黄铜 Cast iron;brass;brass	2BV2 060-0N...	2BP1 061-1N	2
	62V + 262V		2BV2 060-0N...	2BP1 061-1N	2
	61V + 261V		2BV2 061-0N...	2BP1 061-1N	2
	63V + 263V		2BV2 061-0N...	2BP1 061-1N	2
	70V + 270V		2BV2 070-0N...	2BP1 070-1N	3
	72V + 272V		2BV2 070-0N...	2BP1 070-1N	3
	71V + 271V		2BV2 071-0N...	2BP1 071-1N	4
	73V + 273V		2BV2 071-0N...	2BP1 071-1N	4

2BV5, 2BV6 附件订购数据 Selection and ordering data accessories for 2BV5 and 2BV6

		材 质 Material	泵型号 For type	订购号 Order No.	重 量 Weight approx. kg	
	汽水分离器 带内循环管路和防汽蚀保护管 以及密封垫和螺栓 Discharge liquid separator including recirculation pipe, cavitation protection pipe, gaskets and screws	Steel 钢	2BV5 11.-0K...	2BX1 100	12	
			2BV5 12./13.-0K...	2BX1 101	15	
			2BV5 16.-0K...	2BX1 106	18	
		不锈钢 Chrome-nickel steel	2BV. 11. -0H...	2BX1 102	17	
			2BV. 12./13. -0H...	2BX1 103	19.5	
			2BV. 16. -0H...	2BX1 107	38	
	止回阀（对夹式） 垂直安装 Non-return valve (between flanges) for vertical mounting	阀体：钢 Casing: Steel 密封垫：聚四氟乙烯 Gasket: Teflon	2BV. 11.-0K...	2BY6 905-5BX08	1.2	
			2BV. 12./13.-0K...	2BY6 906-5BX08	1.7	
			2BV. 16.-0K...	2BY6 908-5BX08	2.3	
		阀体：不锈钢 Casing:Chrome-nickelSteel 密封垫：聚四氟乙烯 Gasket: Teflon	2BV. 11. -0H...	2BY6 905-5HX08	1.2	
			2BV. 12./13. -0H...	2BY6 906-5HX08	1.7	
			2BV. 16. -0H...	2BY6 908-5HX08	2.3	
	配对法兰 法兰，带密封垫和连接螺栓 Mating flange Flange with gaskets and fixing screws	法兰：钢 Flange: Steel	订购时须注明法兰 形式和标准号			
		法兰：不锈钢 Flange:Chrome-nickel				
	大气喷射器（性能曲线参阅第一页） Gas ejector (characteristic curves see page 1)					
	Mains frequency 50 Hz 频 率 50Hz					
	曲 线 编 号 Curve No. 101V + 301V 111V + 311V 121V + 321V 131V + 331V 161V + 361V	大气阀体，扩压器，喷嘴 Head;Diffusor;Nozzle 可锻铸铁；可锻铸铁； 不锈钢 Ductile cast iron; Ductile cast iron; Chrome-nickel steel	2BV. 110-0K...	2BP5 110-1KC	15	
			2BV. 111-0K...	2BP5 111-1KC	15	
			2BV. 121-0K...	2BP5 121-1KC	19	
			2BV. 131-0K...	2BP5 131-1KC	19	
			2BV. 161-0K...	2BP5 161-1KC	25	
	101V + 301V 111V + 311V 121V + 321V 131V + 331V 161V + 361V	不锈钢，不锈钢，不锈钢 Chrome-nickel steel Chrome-nickel steel Chrome-nickel steel Chrome-nickel steel	2BV6 110-0H...	2BP5 110-1HC	15	
			2BV6 111-0H...	2BP5 111-1HC	15	
			2BV6 121-0H...	2BP5 121-1HC	19	
			2BV6 131-0H...	2BP5 131-1HC	19	
			2BV6 161-0H...	2BP5 161-1HC	25	

2BV2 外形尺寸 Dimensions for 2BV2



- N1.0 吸气口

N2.0 排气口

N3.0 工作液接口

N4.2 排空口

N8.7 汽蚀保护管接口（内置）
- N1.0 Suction connection

N2.0 Discharge connection

N3.0 Operating liquild connection

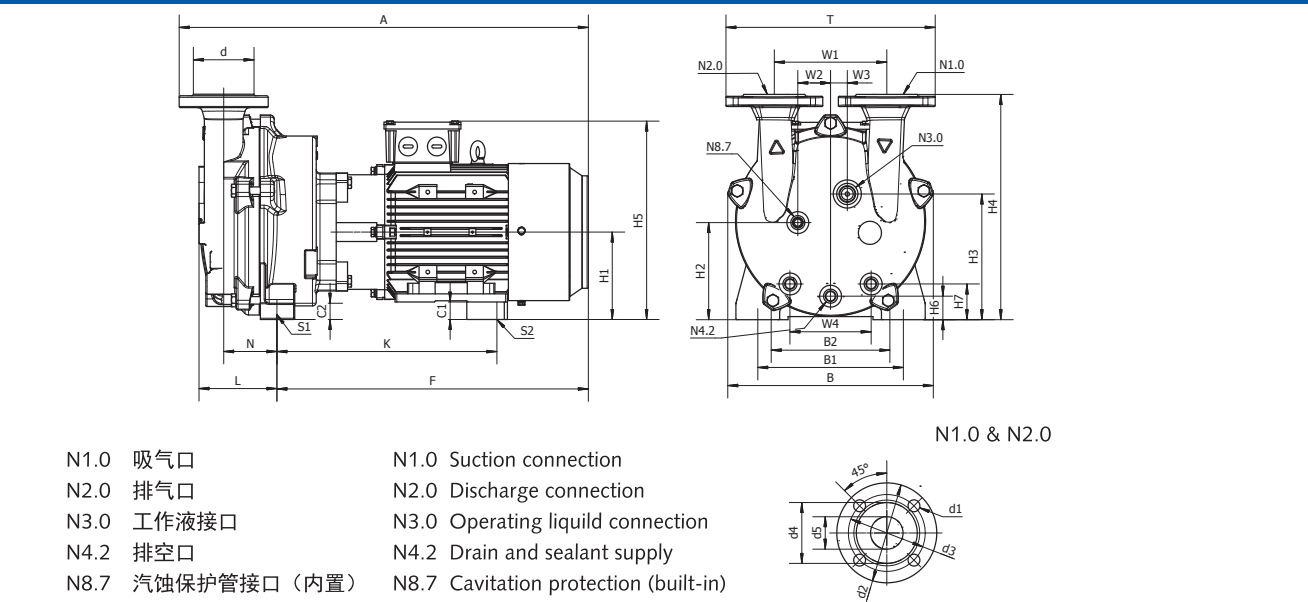
N4.2 Drain and sealant supply

N8.7 Cavitation protection (built-in)

型 号 Type	曲线编号 Curve No.	A	B	B1	E	H1	H2	H3	H4	H6	M	P2	P3
2BV2 060	60V	485	186	140	100	90	118	126	195	37.5	244	250	180
2BV2 061	61V	506	186	140	100	90	118	126	195	37.5	263	250	180
2BV2 070	70V	590	223	160	140	100	128	146	222	33	280	270	203
2BV2 071	71V	631	223	190	140	112	140	158	234	45	309	300	225

型 号 Type	曲线编号 Curve No.	R	S1&S2	W1	W2	W3	d	N3.0	N4.2	N8.7
2BV2 060	60V	217	Φ10	110	25.5	21	G 1"	G ³ / ₈ "	G ¹ / ₄ "	G ³ / ₈ "
2BV2 061	61V	236	Φ10	110	25.5	21	G 1"	G ³ / ₈ "	G ¹ / ₄ "	G ³ / ₈ "
2BV2 070	70V	242	Φ12	110	33	27	G 1½"	G ³ / ₈ "	G ¹ / ₄ "	G ³ / ₈ "
2BV2 071	71V	267	Φ12	110	33	27	G 1½"	G ³ / ₈ "	G ¹ / ₄ "	G ³ / ₈ "

2BV5 外形尺寸 Dimensions for 2BV5



型 号 Type	曲线编号 Curve No.	A	B	B1	B2	C1	C2	H1	H2	H3	H4	H5	H6	H7	K	L
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2BV5 110	101V	709	325	255	190	33	26	140	156	202	361	328	38	57	342	130
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2BV5 111	111V	721	325	265	216	36	26s	150	166	212	371	363	48	68	348	130
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2BV5 121	121V	821	347	265	216	36	26	150	167	217	385	363	39	60	430	147
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2BV5 131	131V	849	377	300	254	35	30	175	194	249	427	435	53	76	468	147
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2BV5 161	161V	1100	478	370	389	52	30	210	225	303	521	485	51	90	632	201
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型 号 Type	曲线编号 Curve No.	F	N	S1	S2	T	d1	d2	d3	d4	d5
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2BV5 110	101V	537	92	Φ12×23-	Φ12	340	19	160	123	97	52
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2BV5 111	111V	549	92	Φ12×23-	Φ12	340	19	160	123	97	52
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2BV5 121	121V	63	97	Φ12×23-	Φ12	381.5	19	182	142	125	66.6
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2BV5 131	131V	655	103	Φ15×25-	Φ14	381.5	19	182	142	125	66.5
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2BV5 161	161V	862	138	Φ15×27-	Φ14	450	22	200	156	130	80
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型 号 Type	曲线编号 Curve No.	W1	W2	W3	W4	d(N1.0,N2.0)	N3.0	N4.2	N8.7
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2BV5 110	101V	180	52	27	130	DN50	3/4" (丝长 24) (24deep)	G 3/8" (丝长 25) (25deep)	G 3/8" (丝长 11) (11deep)
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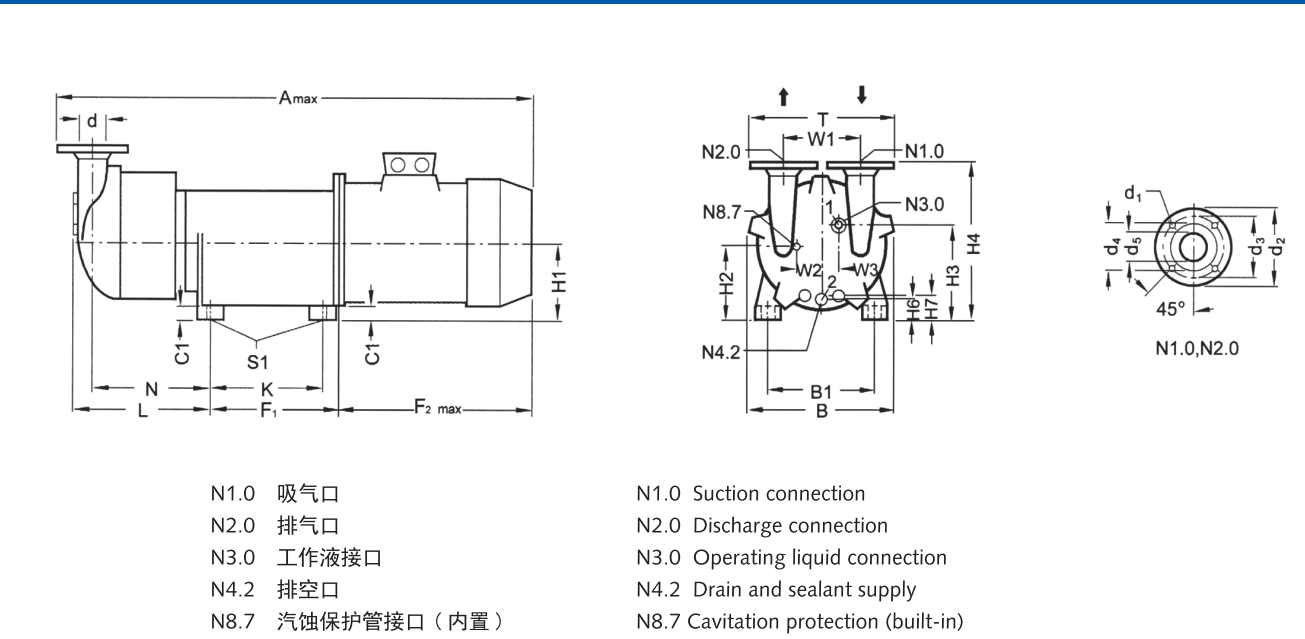
2BV5 111	111V	180	52	27	130	DN50	3/4" (丝长 24) (24deep)	G 3/8" (丝长 25) (25deep)	G 3/8" (丝长 11) (11deep)
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2BV5 121	121V	200	57	29	142	DN65	3/4" (丝长 24) (24deep)	G 3/8" (丝长 25) (25deep)	G 3/8" (丝长 11) (11deep)
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2BV5 131	131V	200	57	29	154	DN65	3/4" (丝长 24) (24deep)	G 3/8" (丝长 25) (25deep)	G 3/8" (丝长 11) (11deep)
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2BV5 161	161V	250	81	41	200	DN80	3/4" (丝长 24) (24deep)	G 3/8" (丝长 25) (25deep)	G 3/8" (丝长 11) (11deep)
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2BV6 外形尺寸（铸铁结构） Dimensions for 2BV6 (Cast iron version)



型 号 Type	曲线编号 Curve No.	A _{max}	B	B1	C1	F1	F2 _{max}	H1	H2	H3	H4	H6	H7	K	L	N
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2BV6 110-OK...	101V	1255	330	255	26	291	515	160	173	223	381	58	77	250	319	281
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2BV6 111-OK...	111V	1277	330	279	26	360	510	180	196	242	401	78	97	320	365	327
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2BV6 121-OK...	121V	1408	351	279	26	360	615	180	197	247	415	69	90	320	384	342
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2BV6 131-OK...	131V	1495	382	320	26	461	585	215	234	287	467	93	116	414	405	357
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2BV6 161-OK...	161V	1625	484	320	26	461	640	215	230	310	526	56	85	414	480	416
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型 号 Type	曲线编号 Curve No.	W1	W2	W3	S1	T	d1	d2	d3	d4	d5
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2BV6 110-OK...	101V	180	52	27	Φ13×23-	340	19	160	123	97	52
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2BV6 111-OK...	111V	180	52	27	Φ13×23-	340	19	160	123	97	52
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2BV6 121-OK...	121V	200	57	29	Φ13×23-	381.5	19	181.5	142	125	66.5
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2BV6 131-OK...	131V	200	62.5	32	Φ15×27-	381.5	19	181.5	142	125	66.5
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2BV6 161-OK...	161V	250	81	41	Φ15×27-	450	22	200	156	130	80
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型 号 Type	曲线编号 Curve No.	d(N1.0,N2.0)	N3.0	N4.2	N8.7
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2BV6 110-OK...	101V	DN50	G 3/4" (丝长 24) (24deep)	G 3/8" (丝长 25) (25deep)	G 3/8" (丝长 11) (11deep)
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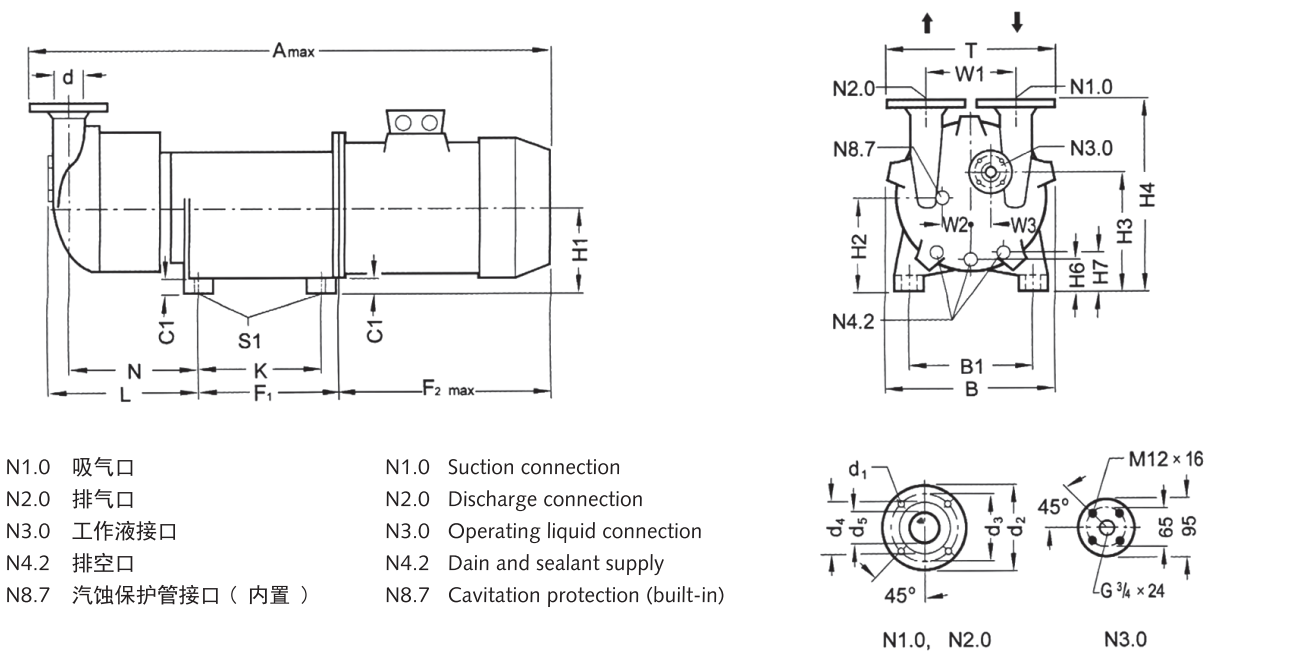
2BV6 111-OK...	111V	DN50	G 3/4" (丝长 24) (24deep)	G 3/8" (丝长 25) (25deep)	G 3/8" (丝长 11) (11deep)
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2BV6 121-OK...	121V	DN65	G 3/4" (丝长 24) (24deep)	G 3/8" (丝长 25) (25deep)	G 3/8" (丝长 11) (11deep)
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2BV6 131-OK...	131V	DN65	G 3/4" (丝长 24) (24deep)	G 3/8" (丝长 25) (25deep)	G 3/8" (丝长 11) (11deep)
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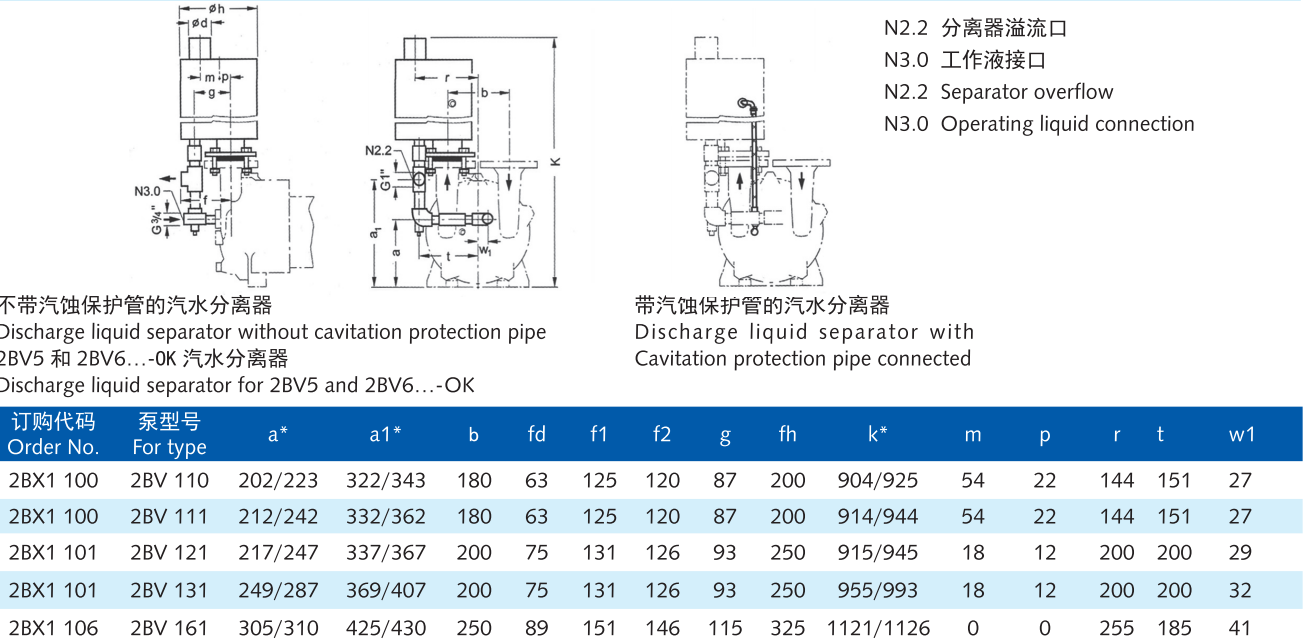
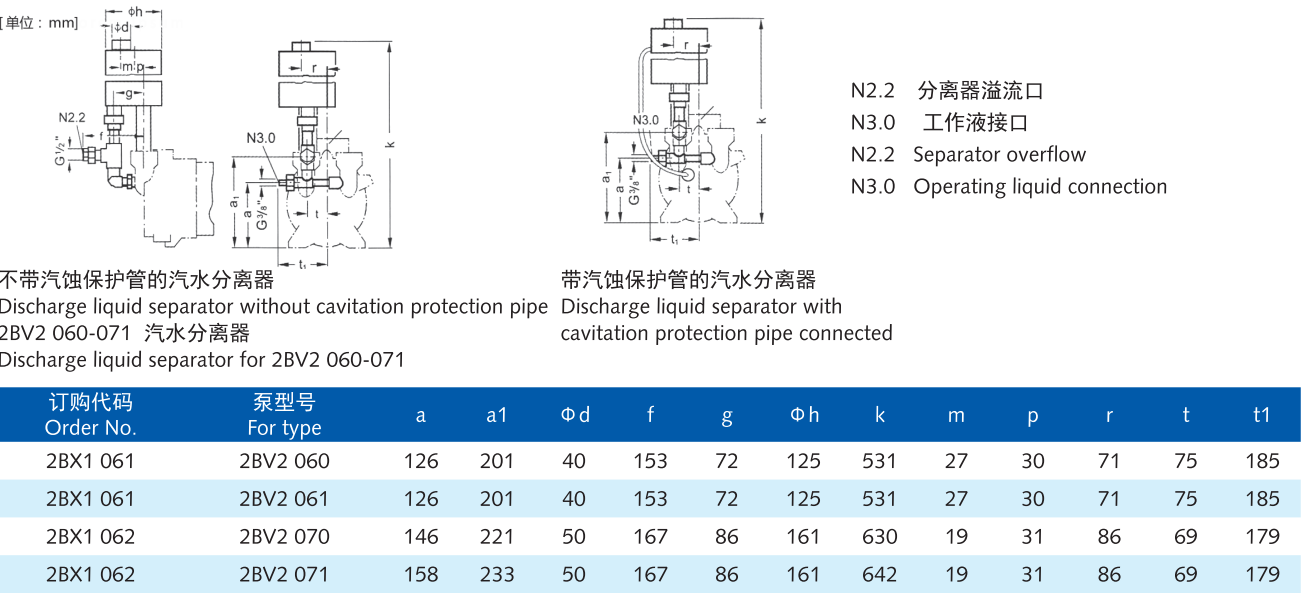
2BV6 161-OK...	161V	DN80	G 3/4" (丝长 24) (24deep)	G 3/8" (丝长 25) (25deep)	G 3/8" (丝长 11) (11deep)
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2BV6 外形尺寸 (不锈钢结构) Dimensions for 2BV6 (Chrome-nickel steel version)

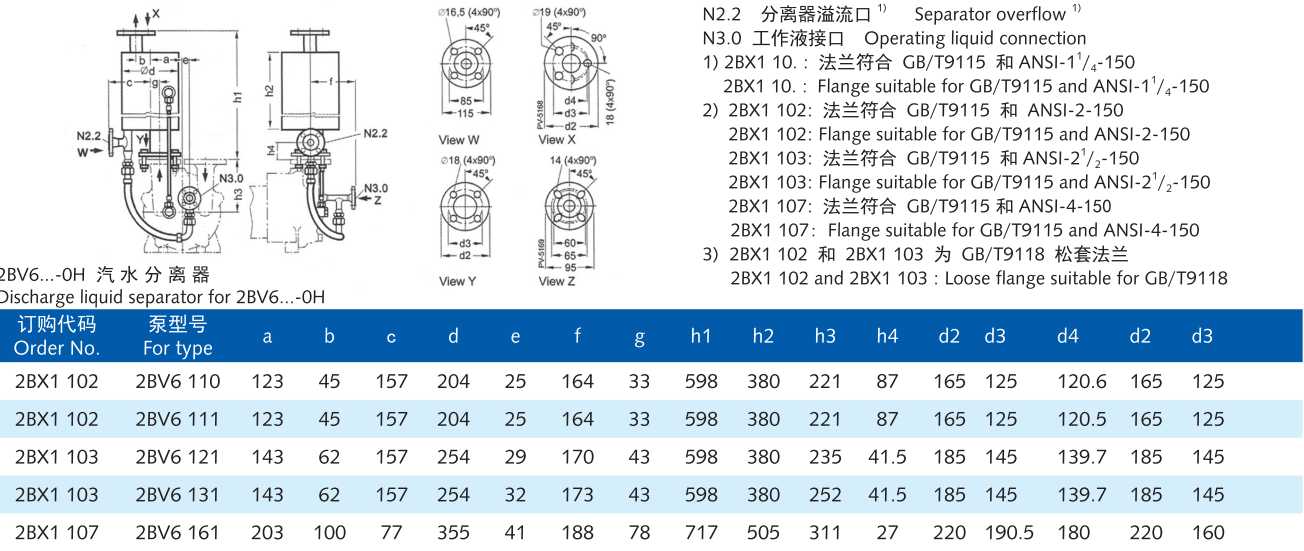


型 号 Type	曲线编号 Curve No.	A _{max}	B	B1	C1	F1	F2 _{MAX}	H1	H2	H3	H4	H6	H7	K	L	N
2BV6 110-OH...	101V	1167	330	255	26	291	515	160	173	223	381	58	77	250	319	281
2BV6 111-OH...	111V	1260	330	279	26	360	510	180	193	243	401	78	97	320	349	311
2BV6 121-OH...	121V	1393	351	279	26	360	615	180	197	247	415	69	90	320	372	328
2BV6 131-OH...	131V	1490	382	320	26	461	585	215	234	287	467	93	116	414	400	353
2BV6 161-OH...	161V	1602	484	320	26	461	640	215	230	310	526	56	85	414	466	402
型 号 Type	曲线编号 Curve No.	W1	W2	W3	S1	T	d1	d2	d3	d4	d5					
2BV6 110-OH...	101V	180	52	27	Φ 13×23-	340	19	160	97	123	52					
2BV6 111-OH...	111V	180	52	27	Φ 13×23-	340	19	160	97	123	52					
2BV6 121-OH...	121V	200	57	29	Φ 13×23-	381.5	19	181.5	125	142	66.5					
2BV6 131-OH...	131V	200	62.5	32	Φ 15×27-	381.5	19	181.5	125	142	66.5					
2BV6 161-OH...	161V	250	81	41	Φ 15×27-	450	22	200	130	156	80					
型 号 Type	曲线编号 Curve No.	d(N1.0,N2.0)			N3.0			N4.2			N8.7					
2BV6 110-OH...	101V	DN50			DN15+G 3/4" (丝长 24/24deep)			G 3/8"(丝长 25) (25deep)			G 3/8"(丝长 11) (11deep)					
2BV6 111-OH...	111V	DN50			DN15+G 3/4" (丝长 24/24deep)			G 3/8"(丝长 25) (25deep)			G 3/8"(丝长 11) (11deep)					
2BV6 121-OH...	121V	DN65			DN15+G 3/4" (丝长 24/24deep)			G 3/8"(丝长 25) (25deep)			G 3/8"(丝长 11) (11deep)					
2BV6 131-OH...	131V	DN65			DN15+G 3/4" (丝长 24/24deep)			G 3/8"(丝长 25) (25deep)			G 3/8"(丝长 11) (11deep)					
2BV6 161-OH...	161V	DN80			DN15+G 3/4" (丝长 24/24deep)			G 3/8"(丝长 25) (25deep)			G 3/8"(丝长 11) (11deep)					

2BV. 附件尺寸 Dimensions for accessories 2BV.

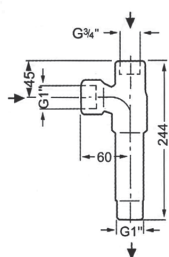


* 注: 斜线后尺寸适于 2BV6...-OK The dimentionts after/are for 2BV6...-OK

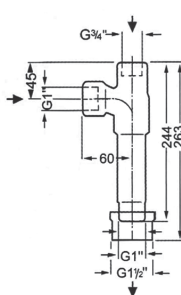


2BV 附件尺寸 Dimensions for accessories 2BV.

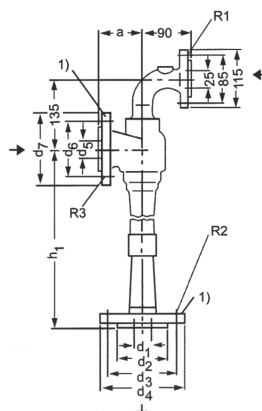
[单位: mm]



大气喷射器
Gas ejector
2BP1 061



大气喷射器
Gas ejector
2BP1 07.



大气喷射器
Gas ejector
2BP5

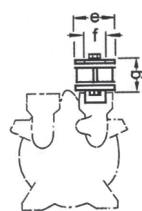
2BV5 和 2BV6 大气喷射器 Gas ejector for 2BV5 and 2BV6

订购代码 Order No.	泵型号 For type	a	d1	d2	d3	d4	d5	d6	d7	h1	Φ R1	Φ R2	Φ R3
50Hz													
2BP5 110-1.C	2BV. 110	104	32	78	125	165	32	100	140	352	4×14	4×18	4×18
2BP5 111-1.C	2BV. 111	104	32	78	125	165	32	100	140	352	4×14	4×18	4×18
2BP5 121-1.C	2BV. 121	114	40	88	145	185	40	110	150	412	4×14	4×18	4×18
2BP5 131-1.C	2BV. 131	114	40	88	145	185	40	110	150	412	4×14	4×18	4×18
2BP5 161-1.C	2BV. 161	100	50	102	160	200	50	125	165	605	4×14	8×18	4×18
60Hz													
2BP5 110-1.C	2BV. 110	104	32	78	125	165	32	100	140	352	4×14	4×18	4×18
2BP5 111-1.C	2BV. 111	104	32	78	125	165	40	100	140	412	4×14	4×18	4×18
2BP5 121-1.C	2BV. 121	114	40	88	145	185	40	110	150	412	4×14	4×18	4×18
2BP5 131-1.C	2BV. 131	114	40	88	145	185	50	110	150	605	4×14	4×18	4×18
2BP5 161-1.C	2BV. 161	100	50	102	160	200	50	125	165	605	4×14	8×18	4×18

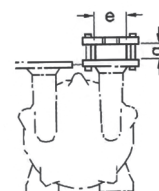
2BV2, 2BV5 和 2BV6 止回阀

Non-return valve for 2BV2,2BV5 and 2BV6

订购代码 Order No.	泵型号 For type	e	f	g
2BY6 903-0.X08	2BV2 060/2BV2 061	65	G1"	75
2BY6 904-0.X08	2BV2 070/2BV2 071	85	G1 1/2"	86
2BY6 905-5.X08	2BV.110/2BV.111	100	-	44
2BY6 906-5.X08	2BV.121/2BV.131	118	-	48
2BY6 908-5.X08	2BV.161	138	-	55



2BY6 903/4-0.X08
带安装附件
with mounting accessory



2BY6 905/6/8-0.X08
不带安装附件
2BY6 905/6/8-0.X08
without mounting accessory

NASH

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