

NASH 2BV系列液环真空泵
NASH 2BV Series Liquid Ring Vacuum Pump

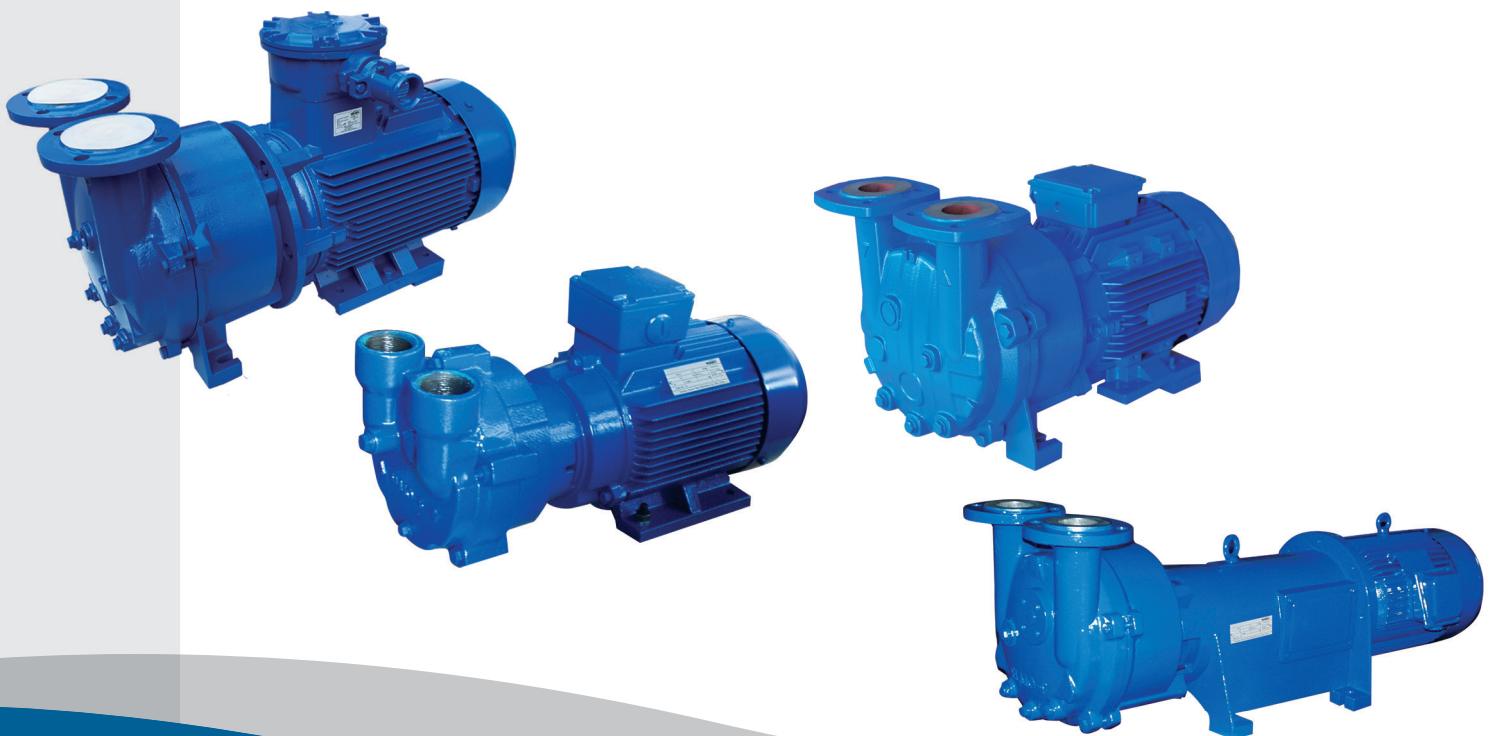




英格索兰 ITS 压力与真空事业部 倍缔纳士机械有限公司

2020年3月,格南登福(Gardner Denver 倍缔)和英格索兰的工业技术部门已经正式合并成立了新的英格索兰公司。作为英格索兰工业技术与服务集团的一部分,倍缔纳士机械有限公司是 PVS 压力与真空事业部面向全球的在亚太地区的唯一生产基地,我们将为您提供液环真空泵、压缩机、风机、螺杆真空泵、油式旋片泵、爪泵等跨品牌产品的一站式工程化解决方案和服务。

Gardner Denver and Ingersoll Rand's Industrial segment have officially joined forces to form the new Ingersoll Rand in Mar 2020. As part of the Ingersoll Rand Industrial Technologies and Service, Nash China is the only production center of PVS in Asia-Pacific, we will continue to offer the full suite of liquid ring vacuum pumps, and compressors, centrifugal blowers, dry pumps and fully engineered systems and service.



Nash 2BV 液环真空泵

无油，机泵同轴，直联设计

Nash 2BV Liquid-Ring Vacuum Pumps

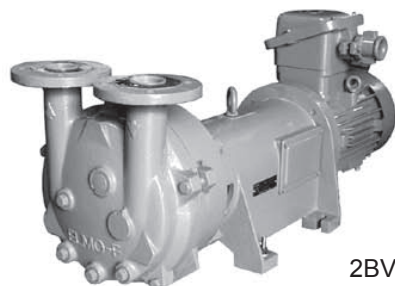
Oil-Free, in Monoblock and Close-Coupled Design



2BV2



2BV5



2BV6

概述 General

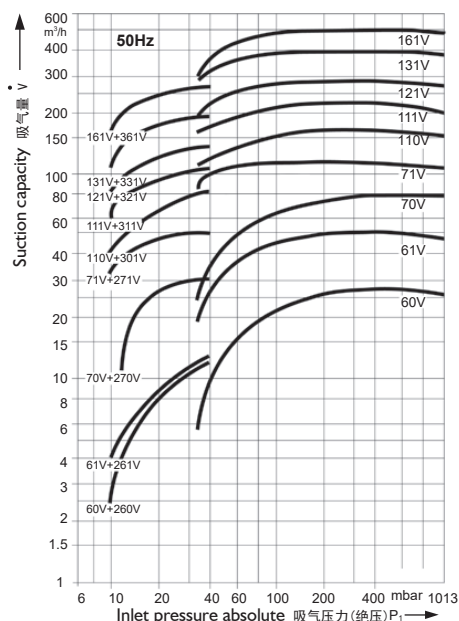
Nash 2BV 真空泵适于抽除气体和水蒸汽，吸气压力可以达到 33mbarA(97% 真空度)。当真空泵在吸气压力低于 80mbarA 的状态下长期工作时，应联接汽蚀保护管以对泵进行保护。如配大气喷射器（见附件表）吸气压力可达 10mbarA，喷射器可直接安装在真空泵上。

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 (千瓦)	额定电压 (伏)	额定电流 (安培)	噪音 ²⁾ (分贝)	订购号	重量 (约) 公斤
	泵体 / 圆盘 / 叶轮 Material of construction ¹⁾	Motor Rated output kw	Rated voltage V	Rated current A	Sound pressure level ²⁾ dB(A)	Order No.	Weight approx. Kg

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

60v	铸铁 / 铝青铜 / 铝青铜 Cast iron/bronze/bronze	0.81	220 △ /380Y	5 △ /2.9Y	62	2BV2 060-ONC00-2P	33
61V	铸铁 / 铝青铜 / 铝青铜 Cast iron/bronze/bronze	1.45	220 △ /380Y	6.6 △ /3.8Y	65	2BV2 061-ONC02-2P	34
70V	铸铁 / 铝青铜 / 铝青铜 Cast iron/bronze/bronze	2.35	220 △ /380Y	12.1 △ /7Y	66	2BV2 070-ONC00-2P	35
71V	铸铁 / 铝青铜 / 铝青铜 Cast iron/bronze/bronze	3.85	380 △ /660Y	9.4 △ /5.4Y	72	2BV2 071-ONC03-7P	65
110V	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze	4	380 △ /660Y	8.4 △ /4.8Y	63	2BV5 110-OKC00-7P	90
111V	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze	5.5	380 △ /660Y	11.3 △ /6.5Y	68	2BV5 111-OKC00-7P	105
121V	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze	7.5	380 △ /660Y	15 △ /8.7Y	69	2BV5 121-OKC00-7P	165
131V	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze	11	380 △ /660Y	21.6 △ /12.4Y	73	2BV5 131-OKC00-7P	185
161V	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze	15	380 △ /660Y	30.9 △ /17.8Y	74	2BV5 161-OKC02-7P	252

整体设计的 Nash 2BV-Exd 真空泵，50HZ，D II BT4
Nash 2BV-Exd vacuum pumps in monoblock design, 50Hz, D II BT4

70V	铸铁 / 铝青铜 / 铝青铜 Cast iron/bronze/bronze	3	380Y	6.01	66	2BV2-070-ONE00-2P	35
71V	铸铁 / 铝青铜 / 铝青铜 Cast iron/bronze/bronze	4	380 △ /660Y	7.9 △ /4.6Y	72	2BV2-071-ONE03-7P	65
110V	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze	4	380 △ /660Y	8.4 △ /4.9Y	63	2BV5-110-OKE00-7P	90
111V	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze	5.5	380 △ /660Y	11 △ /6.4Y	68	2BV5-111-OKE00-7P	105
121V	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze	7.5	380 △ /660Y	15.2 △ /8.74Y	69	2BV5-121-OKE00-7P	165
131V	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze	11	380 △ /660Y	21.5 △ /12.4Y	73	2BV5-131-OKE00-7P	185
161V	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze	15	380 △ /660Y	30.9 △ /17.8Y	74	2BV5-161-OKE02-7P	252

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

110V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	4	380 △ /660Y	8.37 △ /4.82Y	63	2BV6110-OHC00-7P	145
111V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	5.5	380 △ /660Y	11.2 △ /6.5Y	68	2BV6111-OHC00-7P	197
121V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	7.5	380 △ /660Y	15.2 △ /8.74Y	69	2BV6121-OHC00-7P	303
131V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	11	380 △ /660Y	21.6 △ /12.4Y	73	2BV6131-OHC00-7P	303
161V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	15	380 △ /660Y	30.9 △ /17.8Y	74	2BV6161-OHC02-7P	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 e II T3

110V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	4	380 △ /660Y	8.37 △ /4.82Y	63	2BV6 110-OHD00-7P	154
	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze					2BV6 110-OKD00-7P	148

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 (千瓦)	额定电压 (伏)	额定电流 (安培)	噪音 ²⁾ (分贝)	订购号	重量 (约) 公斤
	泵体 / 圆盘 / 叶轮 Material of construction1)	Motor Rated output kw	Rated voltage V	Rated current A	Sound pressure level ²⁾ dB(A)	Order No.	Weight approx. Kg
111V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	5.5	380 △ /660Y	11.4 △ /6.55Y	68	2BV6 111-0HD00-7P	210
	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze					2BV6111-OKD00-7P	196
121V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	7.5	380 △ /660Y	15.2 △ /8.74Y	69	2BV6 121-0HD00-7P	235
	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze					2BV6 121-OKD00-7P	220
131V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	11	380 △ /660Y	21.6 △ /12.4Y	73	2BV6 131-0HD00-7P	328
	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze					2BV6 131-OKD00-7P	314
161V	不锈钢 / 不锈钢 / 不锈钢 CrNi steel/CrNi steel/CrNi steel	15	380 △ /660Y	30.9 △ /17.8Y	74	2BV6 161-0HD02-7P	475
	铸铁 / 铸铁 / 铝青铜 Cast iron/cast iron/bronze					2BV6 161-OKD02-7P	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	8.37 △ /4.82Y	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	11.4 △ /6.55Y	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	15.2 △ /8.74Y	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	21.6 △ /12.4Y	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	30.9 △ /17.8Y	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.

2BV2 和 2BV5 系列如选用全不锈钢材质产品请参考 NASH 2BV+ 系列。

更多产品和材质的选项可咨询 NASH 销售代表，或通过公司官网和网上商城 nashchina.1688.com 了解。

For 2BV2 and 2BV5 stainless steel material products, please refer to NASH 2BV+ series.

More products and material options consulting NASH sales representatives, or through the company's Website and online mall: nashchina.1688.com .

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 m ³ /h	200-500 mbar m ³ /h	>500 mbar m ³ /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 m ³ /h	最大允许的出口背压 Max.permissible back pressure mbarA
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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.

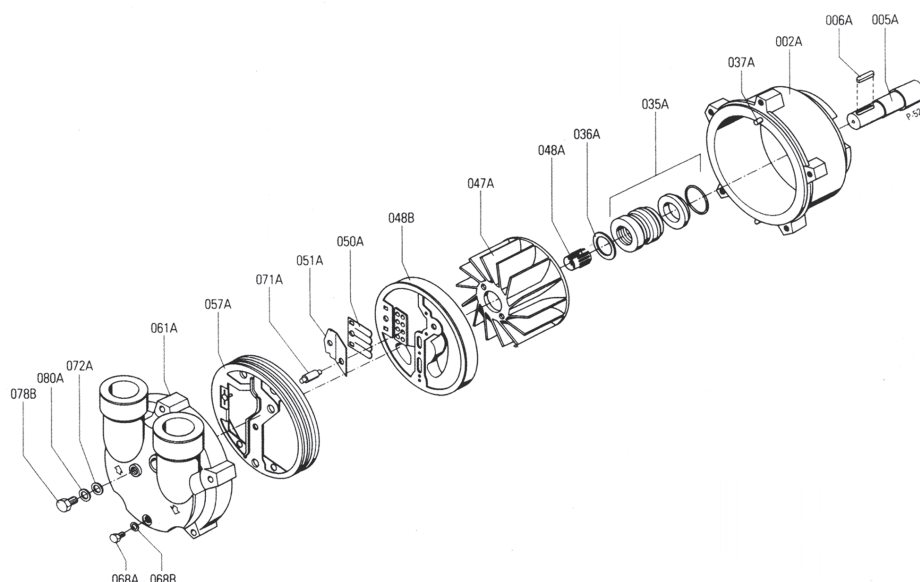
1) 无汽水分离器。

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

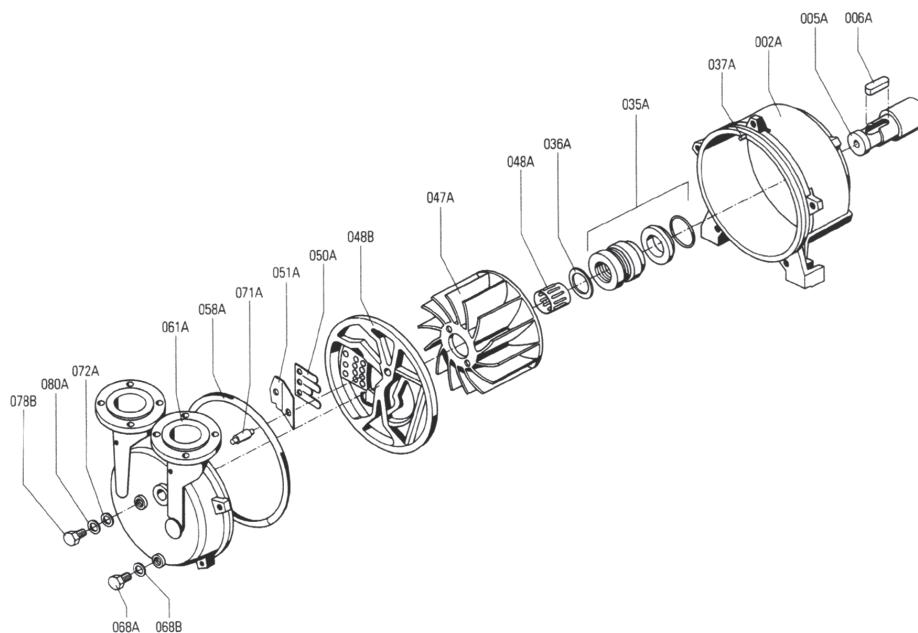


零件号 Part No.	名称 Name	材料 灰口铸铁 / 铝青铜 / 铝青铜	Material Cast iron/Bronze/Bronze
002A	泵体 Casing	灰口铸铁 GB/T 9439-HT250	Grey cast iron ASTM A48/A48M-2003/CLASS30B
005A	电机轴 Motor shaft	不锈钢 GB/T 1220-20Cr13	Chrome steel ASTM A276/A276M-17/420
006A	键 Feather key	不锈钢 GB/T 1220-20Cr13	Chrome steel ASTM A276/A276M-17 420
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 3280-022Cr17Ni12Mo2	Chrome-nickel steel ASTM A240/A240M-2016a/316L
037A	定位销 Set screw	钢 GB_T 699	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 EN 1982-CC333G	Cast aluminium bronze (ASTM B148-14/C95500)
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 3280-022Cr17Ni12Mo2	Chrome-nickel steel ASTM A240/A240M-2016a/316L
057A	密封垫 Sealing ring	丁腈橡胶 ASTM D 1418-72a,NBR	Nitrile-butadiene-caotchouc ASTM D1418-2010a/NBR
061A	泵盖 Endshield	灰口铸铁 GB/T 9439-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	聚四氟乙烯 PTFE	Teflon PTFE
072A	汽蚀保护垫圈 Washer for cavitation protection	不锈钢 GB3280-06Cr19Ni10	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

备注：机封可选材质 - 石墨 / 碳化硅 / 包氟橡胶 + 全氟醚 / 不锈钢

Note: Machine seal optional material- Carbon/SiC/PTFE encapsulated FKM + FFKM/Chrome-nickel steel

2BV5 结构材料 Materials of construction for 2BV5

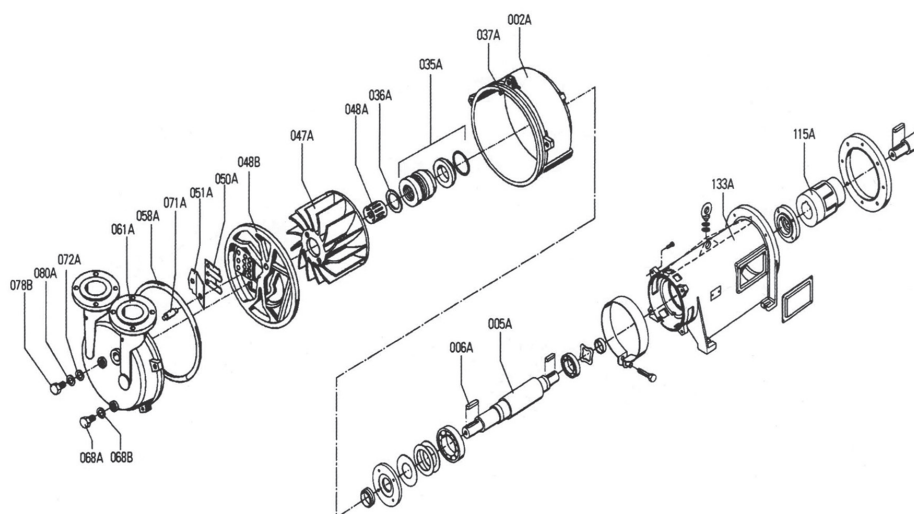


零件号 Part No.	名称 Name	材料 灰口铸铁 / 灰口铸铁 / 铝青铜	Material Grey cast iron / Grey cast iron / Bronze
002A	泵体 Casing	灰口铸铁 GB/T 9439-HT250	Grey cast iron ASTM A48/A48M-2003/CLASS30B
005A	电机轴 Motor shaft	不锈钢 GB/T 1220-20Cr13	Chrome steel ASTM A276/A276M-17/420
006A	键 Feather key	不锈钢 GB/T 1220-20Cr13	Chrome steel 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 3280-022Cr17Ni12Mo2	Chrome steel ASTM A240/A240M-2016a/316L
037A	定位销 Set screw	钢 GB_T 699	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-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 3280-022Cr17Ni12Mo2	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-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 GB3280-06Cr19Ni10	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

备注：机封可选材质 - 石墨 / 碳化硅 / 包氟橡胶 + 全氟醚 / 不锈钢

Note: Machine seal optional material - Carbon/SiC/PTFE encapsulated FKM + FFKM/Chrome-nickel steel

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

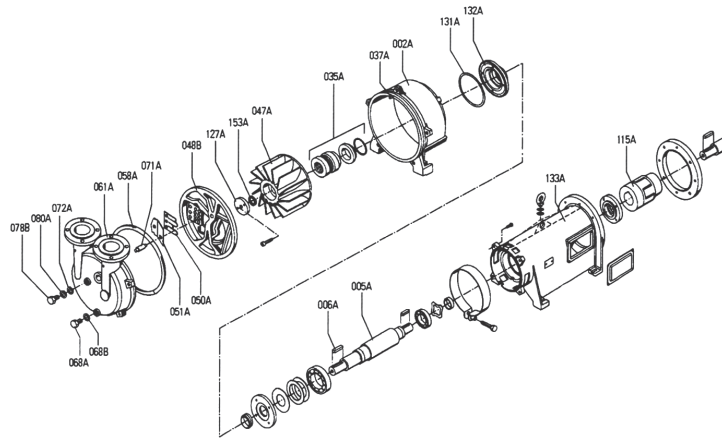


零件号 Part No.	名称 Name	材料 灰铸铁 / 灰铸铁 / 铝青铜	Material Grey cast iron / Grey cast iron / Bronze
002A	泵体 Casing	灰口铸铁 GB/T 9439-HT250	Grey cast iron ASTM A48/A48M-2003/CLASS30B
005A	泵轴 Pump shaft	不锈钢 GB/T 1220-20Cr13	Chrome steel ASTM A276/A276M-17/420
006A	键 Feather key	不锈钢 GB/T 1220-20Cr13	Chrome-nickel steel 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 steel
036A	垫圈 Washer	不锈钢 GB/T 3280-022Cr17Ni12Mo2	Chrome steel ASTM A240/A240M-2016a/316L
037A	定位销 Set screw	钢 GB_T 699	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-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 3280-022Cr17Ni12Mo2	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-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 GB3280-06Cr19Ni10	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-HT200	Grey cast iron ASTM A48/A48M-2003/CLASS30B

备注：机封可选材质 - 石墨 / 碳化硅 / 包氟橡胶 + 全氟醚 / 不锈钢

Note: Machine seal optional material - Carbon/SiC/PTFE encapsulated FKM + FFKM/Chrome-nickel steel

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 1.4581	Cast chrome-nickel steel ASTM A351/A351M-2016/CF3M
005A	泵轴 Pump shaft	不锈钢 GB/T 1220-022Cr17Ni12Mo2	Chrome-nickel steel ASTM A276/A276M-17/316L
006A	键 Feather key	不锈钢 GB/T 1220-022Cr17Ni12Mo2	DIN 6885,chrome-nickel steel ASTM A276/A276M-17/316L
035A	机械密封 Mechanical Seal	石墨 / 碳化硅 / 全氟醚 / 不锈钢	Carbon/SiC/PTFE / FFKM/Chrome-nickel steel
037A	定位销 Set screw	不锈钢 GB/T 1220-022Cr17Ni12Mo2	Chrome-nickel steel ASTM A276/A276M-17/316L
047A	叶轮 Impeller	不锈钢 BS EN 10283 1.4581	Cast chrome-nickel steel ASTM A351/A351M-2016/CF3M
048B	圆盘 Port plate	不锈钢 BS EN 10283 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 3280-022Cr17Ni12Mo2	Chrome-nickel steel ASTM A240/A240M-2016a/316L
058A	密封圈 O-ring	氟橡胶	Viton
061A	泵盖 Endshield	不锈钢 BS EN 10283 1.4581	Cast chrome-nickel steel 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	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 3280-022Cr17Ni12Mo2	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 GB/T 3280-022Cr17Ni12Mo2	Chrome-nickel steel ASTM A240/A240M-2016a/316L
131A	密封圈 O-ring	氟橡胶	Viton
132A	机封压盖 MS gland	不锈钢 BS EN 10283 1.4581	Chrome-nickel steel ASTM A351/A351M-2016/CF3M
133A	托架 Support	灰口铸铁 GB/T 9439-HT200	Grey cast iron ASTM A48/A48M-2003/CLASS30B
153A	垫圈 Washer	不锈钢 GB/T 3280-022Cr17Ni12Mo2	Chrome-nickel steel ASTM A240/A240M-2016a/316L

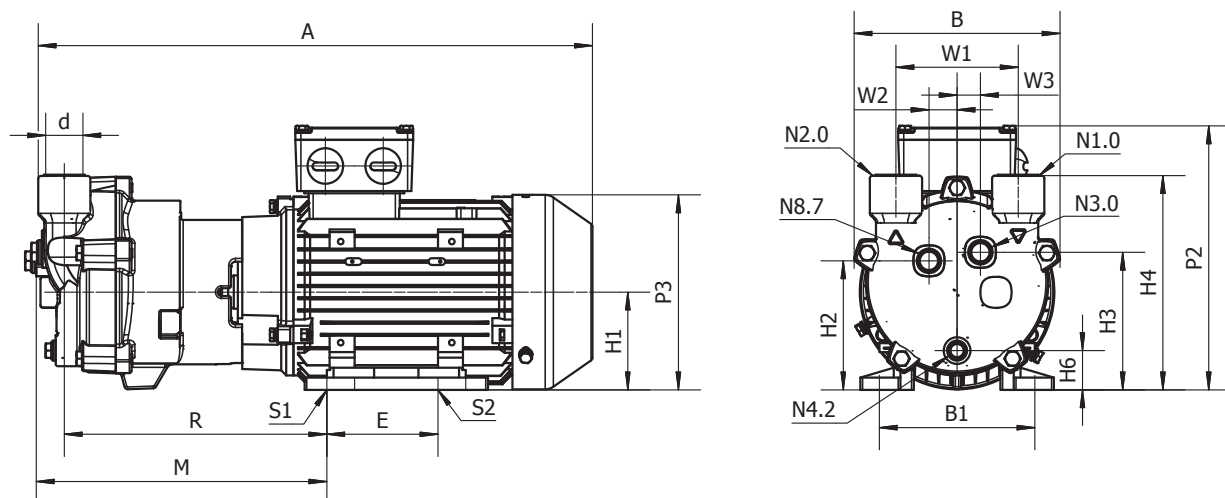
2BV2 附件订购数据 Selection and ordering data accessories for 2BV2

		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
		不锈钢 Chrome-nickel steel	2BV2 071-0N...	1.9	
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.-OK...	2BX1 100	12
			2BV5 12./13.-OK...	2BX1 101	15
			2BV5 16.-OK...	2BX1 106	18
		不锈钢 Chrome-nickel steel	2BV. 11. -OH...	2BX1 102	17
			2BV. 12./13. -OH...	2BX1 103	19.5
			2BV. 16. -OH...	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.-OK...	2BY6 905-5BX08	1.2
			2BV. 12./13.-OK...	2BY6 906-5BX08	1.7
			2BV. 16.-OK...	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. -OH...	2BY6 905-5HX08	1.2
			2BV. 12./13. -OH...	2BY6 906-5HX08	1.7
			2BV. 16. -OH...	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.	大气阀体，扩压器，喷嘴 Head;Diffusor;Nozzle	2BV. 110-OK...	2BP5 110-1KC	15
	101V + 301V	可锻铸铁；可锻铸铁；	2BV. 111-OK...	2BP5 111-1KC	15
	111V + 311V	不锈钢	2BV. 121-OK...	2BP5 121-1KC	19
	121V + 321V	Ductile cast iron;	2BV. 131-OK...	2BP5 131-1KC	19
	131V + 331V	Ductile cast iron;	2BV. 161-OK...	2BP5 161-1KC	25
	161V + 361V	Chrome-nickel steel			
	101V + 301V	不锈钢，不锈钢，不锈钢	2BV6 110-OH...	2BP5 110-1HC	15
	111V + 311V	Chrome-nickel steel	2BV6 111-OH...	2BP5 111-1HC	15
121V + 321V	Chrome-nickel steel	2BV6 121-OH...	2BP5 121-1HC	19	
131V + 331V	Chrome-nickel steel	2BV6 131-OH...	2BP5 131-1HC	19	
161V + 361V	Chrome-nickel steel	2BV6 161-OH...	2BP5 161-1HC	25	

2BV2 外形尺寸 Dimensions for 2BV2

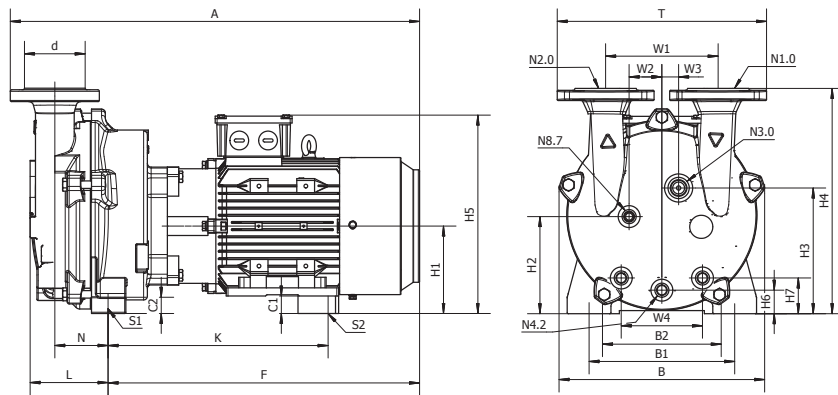


N1.0	吸气口	N1.0	Suction connection
N2.0	排气口	N2.0	Discharge connection
N3.0	工作液接口	N3.0	Operating liquid connection
N4.2	排空口	N4.2	Drain and sealant supply
N8.7	汽蚀保护管接口 (内置)	N8.7	Cavitation protection (built-in)

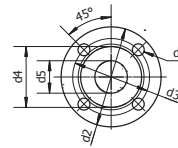
型号 Type	曲线编号 Curve No.	A	B	B1	E	H1	H2	H3	H4	H6	M	P2	P3
2BV2 060	60V	485	186	140	100	90	118	126	195	37.5	244	240	175
2BV2 061	61V	506	186	140	100	90	118	126	195	37.5	263	240	175
2BV2 070	70V	570	223	160	140	100	128	146	222	33	280	265	190
2BV2 071	71V	608	223	190	140	112	140	158	234	45	309	300	220

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	252	Φ12	110	33	27	G 1 1/2"	G 3/8"	G 1/4"	G 3/8"
2BV2 071	71V	278	Φ12	110	33	27	G 1 1/2"	G 3/8"	G 1/4"	G 3/8"

2BV5 外形尺寸 Dimensions for 2BV5

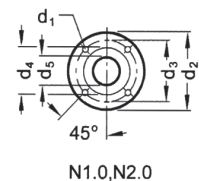
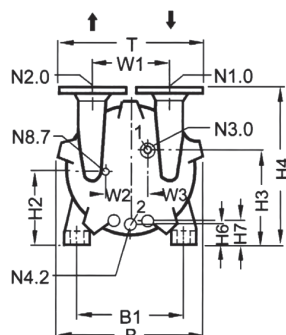
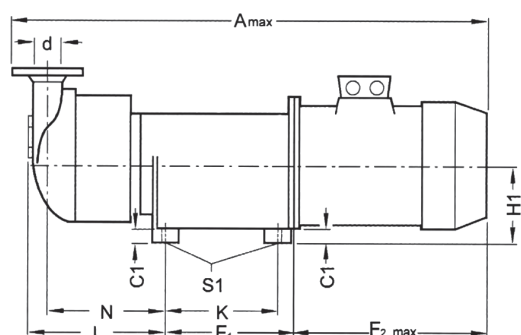


- | | |
|-------------------|---------------------------------------|
| N1.0 吸气口 | N1.0 Suction connection |
| N2.0 排气口 | N2.0 Discharge connection |
| N3.0 工作液接口 | N3.0 Operating liquid connection |
| N4.2 排空口 | N4.2 Drain and sealant supply |
| N8.7 汽蚀保护管接口 (内置) | N8.7 Cavitation protection (built-in) |



型 号 Type	曲线编号 Curve No.	A	B	B1	B2	C1	C2	H1	H2	H3	H4	H5	H6	H7	K	L
2BV5 110	101V	666	325	255	190	40	26	140	156	202	361	328	38	57	338	130
2BV5 111	111V	677	325	265	216	29	26	150	166	212	371	353	48	68	348	130
2BV5 121	121V	775	347	265	216	36	26	150	167	217	385	353	39	60	430	140
2BV5 131	131V	849	377	300	254	35	30	175	194	249	427	430	53	76	468	147
2BV5 161	161V	1024	478	370	370	52	30	210	225	303	521	475	51	80	625	201
型 号 Type	曲线编号 Curve No.	F	N	S1	S2	T	d1	d2	d3	d4	d5					
2BV5 110	101V	495	92	Φ12×23	Φ12	340	19	160	123	97	52					
2BV5 111	111V	506	92	Φ12×23	Φ12	340	19	160	123	97	52					
2BV5 121	121V	588	97	Φ12×23	Φ12	381.5	19	182	142	114	66.6					
2BV5 131	131V	655	103	Φ15×25	Φ14	381.5	19	182	142	114	66.5					
2BV5 161	161V	788	138	Φ15×27	Φ14	450	22	200	156	130	80					
型 号 Type	曲线编号 Curve No.	W1	W2	W3	W4	d(N1.0,N2.0)		N3.0		N4.2		N8.7				
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)				
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)				
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)				
2BV5 131	131V	200	63	32	154	DN65		3/4"(丝长 24) (24deep)		G 3/8"(丝长 25) (25deep)		G 3/8"(丝长 11) (11deep)				
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)				

2BV6 外形尺寸 (铸铁结构) Dimensions for 2BV6 (Cast iron version)

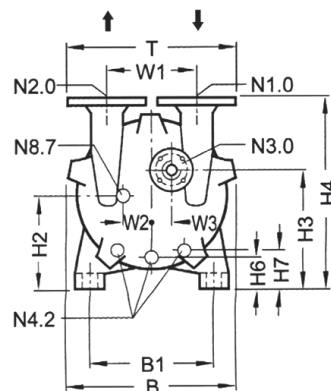
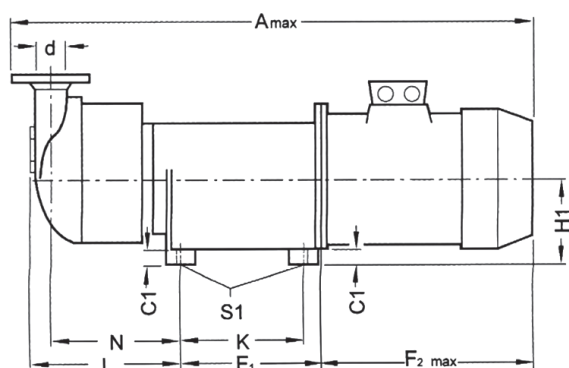


N1.0 吸气口
N2.0 排气口
N3.0 工作液接口
N4.2 排空口
N8.7 汽蚀保护管接口 (内置)

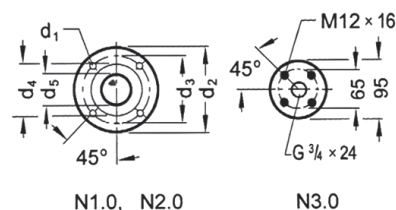
N1.0 Suction connection
N2.0 Discharge connection
N3.0 Operating liquid connection
N4.2 Drain and sealant supply
N8.7 Cavitation protection (built-in)

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-OK...	101V	1255	330	255	26	291	515	160	173	223	381	58	77	250	319	281
2BV6 111-OK...	111V	1277	330	279	26	360	510	180	196	242	401	78	97	320	365	327
2BV6 121-OK...	121V	1408	351	279	26	360	615	180	197	247	415	69	90	320	384	342
2BV6 131-OK...	131V	1495	382	320	26	461	585	215	234	287	467	93	116	414	405	357
2BV6 161-OK...	161V	1625	484	320	26	461	640	215	230	310	526	56	85	414	480	416
型 号 Type	曲线编号 Curve No.	W1	W2	W3	S1	T	d1	d2	d3	d4	d5					
2BV6 110-OK...	101V	180	52	27	Φ 13×23	340	19	160	123	97	52					
2BV6 111-OK...	111V	180	52	27	Φ 13×23	340	19	160	123	97	52					
2BV6 121-OK...	121V	200	57	29	Φ 13×23	381.5	19	181.5	142	114	66.5					
2BV6 131-OK...	131V	200	62.5	32	Φ 15×27	381.5	19	181.5	142	125	66.5					
2BV6 161-OK...	161V	250	81	41	Φ 15×27	450	22	200	156	130	80					
型 号 Type	曲线编号 Curve No.	d(N1.0,N2.0)			N3.0			N4.2			N8.7					
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)					
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)					
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)					
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)					
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)					

2BV6 外形尺寸 (不锈钢结构) Dimensions for 2BV6 (Chrome-nickel steel version)



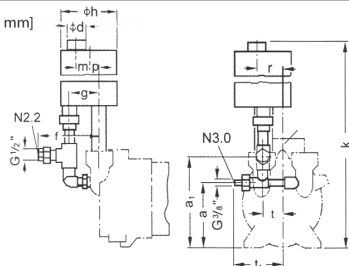
N1.0 吸气口	N1.0 Suction connection
N2.0 排气口	N2.0 Discharge connection
N3.0 工作液接口	N3.0 Operating liquid connection
N4.2 排空口	N4.2 Drain and sealant supply
N8.7 汽蚀保护管接口 (内置)	N8.7 Cavitation protection (built-in)



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	d4	d3	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	114	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.

[单位: mm]

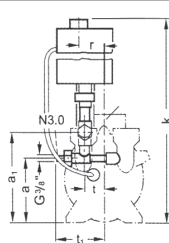


不带汽蚀保护管的汽水分离器

Discharge liquid separator without cavitation protection pipe

2BV2 060-071 汽水分离器

Discharge liquid separator for 2BV2 060-071



带汽蚀保护管的汽水分离器

Discharge liquid separator with

cavitation protection pipe connected

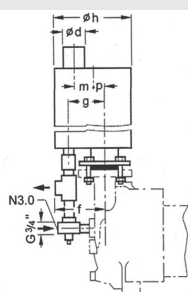
N2.2 分离器溢流口

N3.0 工作液接口

N2.2 Separator overflow

N3.0 Operating liquid connection

订购代码 Order No.	泵型号 For type	a	a1	Φd	f	g	Φh	k	m	p	r	t	t1
2BX1 061	2BV2 060	126	201	40	153	72	125	531	27	30	71	75	185
2BX1 061	2BV2 061	126	201	40	153	72	125	531	27	30	71	75	185
2BX1 062	2BV2 070	146	221	50	167	86	161	630	19	31	86	69	179
2BX1 062	2BV2 071	158	233	50	167	86	161	642	19	31	86	69	179

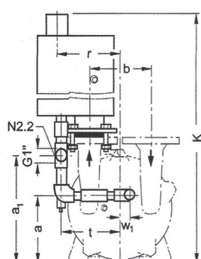


不带汽蚀保护管的汽水分离器

Discharge liquid separator without cavitation protection pipe

2BV5 和 2BV6...-OK 汽水分离器

Discharge liquid separator for 2BV5 and 2BV6...-OK



带汽蚀保护管的汽水分离器

Discharge liquid separator with

Cavitation protection pipe connected

N2.2 分离器溢流口

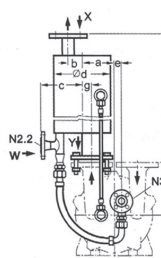
N3.0 工作液接口

N2.2 Separator overflow

N3.0 Operating liquid connection

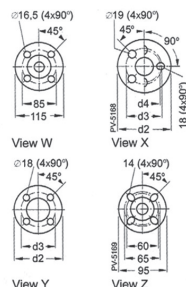
订购代码 Order No.	泵型号 For type	a*	a1*	b	fd	f1	f2	g	fh	k*	m	p	r	t	w1
2BX1 100	2BV 110	202/223	322/343	180	63	125	120	87	200	904/925	54	22	144	151	27
2BX1 100	2BV 111	212/242	332/362	180	63	125	120	87	200	914/944	54	22	144	151	27
2BX1 101	2BV 121	217/247	337/367	200	75	131	126	93	250	915/945	18	12	200	200	29
2BX1 101	2BV 131	249/287	369/407	200	75	131	126	93	250	955/993	18	12	200	200	32
2BX1 106	2BV 161	305/310	425/430	250	89	151	146	115	325	1121/1126	0	0	255	185	41

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



2BV5...-OH/2BV6...-OH 汽水分离器

Discharge liquid separator for 2BV5...-OH/2BV6...-OH



N2.2 分离器溢流口¹⁾ Separator overflow¹⁾

N3.0 工作液接口 Operating liquid connection

1) 2BX1 10. : 法兰符合 GB/T9115 和 ANSI-1¹/₄-150

2BX1 10. : Flange suitable for GB/T9115 and ANSI-1¹/₄-150

2) 2BX1 102: 法兰符合 GB/T9115 和 ANSI-2-150

2BX1 102: Flange suitable for GB/T9115 and ANSI-2-150

2BX1 103: 法兰符合 GB/T9115 和 ANSI-2¹/₂-150

2BX1 103: Flange suitable for GB/T9115 and ANSI-2¹/₂-150

2BX1 107: 法兰符合 GB/T9115 和 ANSI-4-150

2BX1 107: Flange suitable for GB/T9115 and ANSI-4-150

3) 2BX1 102 和 2BX1 103 为 GB/T9118 松套法兰

2BX1 102 and 2BX1 103 : Loose flange suitable for GB/T9118

订购代码 Order No.	泵型号 For type	a	b	c	d	e	f	g	h1	h2	h3	h4	d2	d3	d4	d2	d3
2BX1 102	2BV6 110	123	45	157	204	25	164	33	598	380	221	87	165	125	120.6	165	125
2BX1 102	2BV6 111	123	45	157	204	25	164	33	598	380	221	87	165	125	120.5	165	125
2BX1 103	2BV6 121	143	62	157	254	29	170	43	598	380	235	41.5	185	145	139.7	185	145
2BX1 103	2BV6 131	143	62	157	254	32	173	43	598	380	252	41.5	185	145	139.7	185	145
2BX1 107	2BV6 161	203	100	77	355	41	188	78	717	505	311	27	220	190.5	180	220	160

Technical drawing of a mechanical assembly, likely a pump or valve component, showing dimensions and labels. The drawing includes a side view and a cross-sectional view.

Dimensions:

- a : Horizontal distance from the centerline to the top of the assembly.
- 90 : Horizontal distance from the centerline to the right edge of the assembly.
- 135 : Total vertical height of the assembly.
- d_7 : Vertical distance from the base to the top of the assembly.
- d_6 : Vertical distance from the base to the top of the assembly.
- d_5 : Vertical distance from the base to the top of the assembly.
- d_4 : Vertical distance from the base to the top of the assembly.
- d_3 : Vertical distance from the base to the top of the assembly.
- d_2 : Vertical distance from the base to the top of the assembly.
- d_1 : Vertical distance from the base to the top of the assembly.
- h_1 : Vertical distance from the base to the top of the assembly.
- 25 : Horizontal distance from the centerline to the top of the assembly.
- 85 : Horizontal distance from the centerline to the top of the assembly.
- 115 : Horizontal distance from the centerline to the top of the assembly.

Labels:

- R1**: Label for the top of the assembly.
- R2**: Label for the middle section of the assembly.
- R3**: Label for the bottom section of the assembly.
- 1)**: Label for the base of the assembly.

↓
大气喷射器
Gas ejector
2BP5

订购代码 Order No.	泵型号 For type	a	d1	d2	d3	d4	d5	d6	d7	h1	ΦR1	ΦR2	ΦR3
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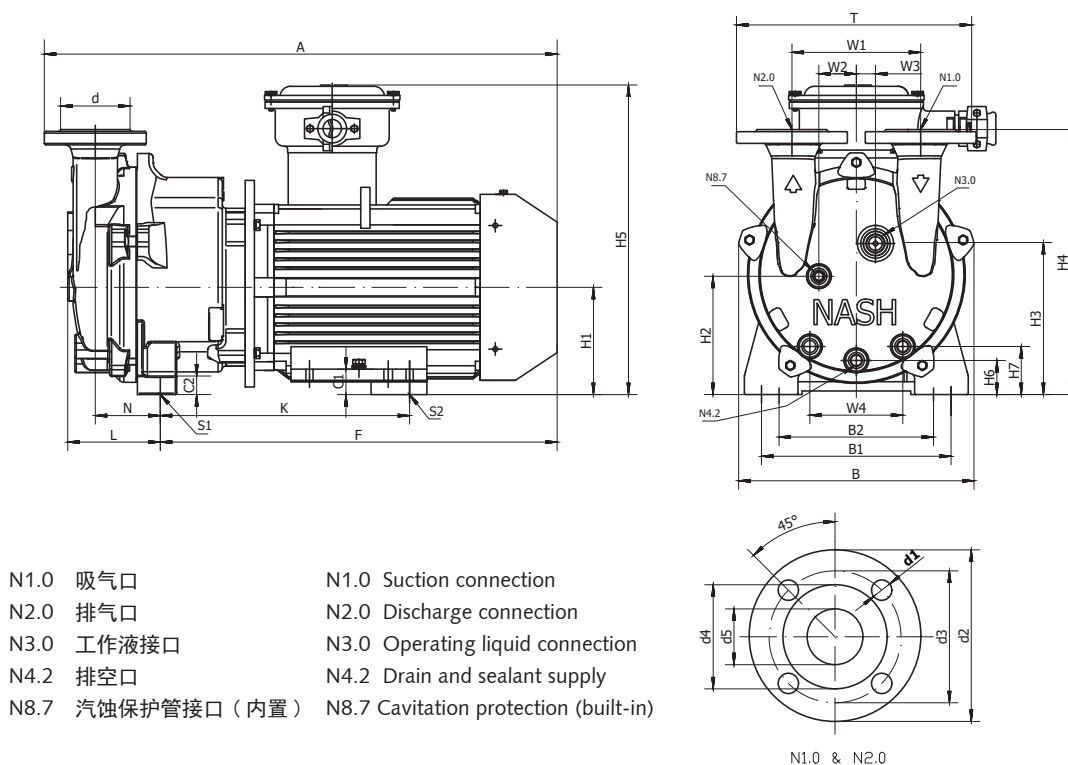
2BV2, 2BV5 和 2BV6 止回阀

The diagram shows a cross-section of a test specimen. It consists of a central rectangular core with a smaller rectangular section on top. The width of the top section is labeled 'e', the width of the core is labeled 'f', and the height of the core is labeled 'g'. The specimen is mounted on a base that has a complex, irregular shape with two large, rounded protrusions on the sides.

Technical drawing of a mechanical assembly showing a cross-section of a component with a central hole and a flange. Dimensions e and c are indicated.

18

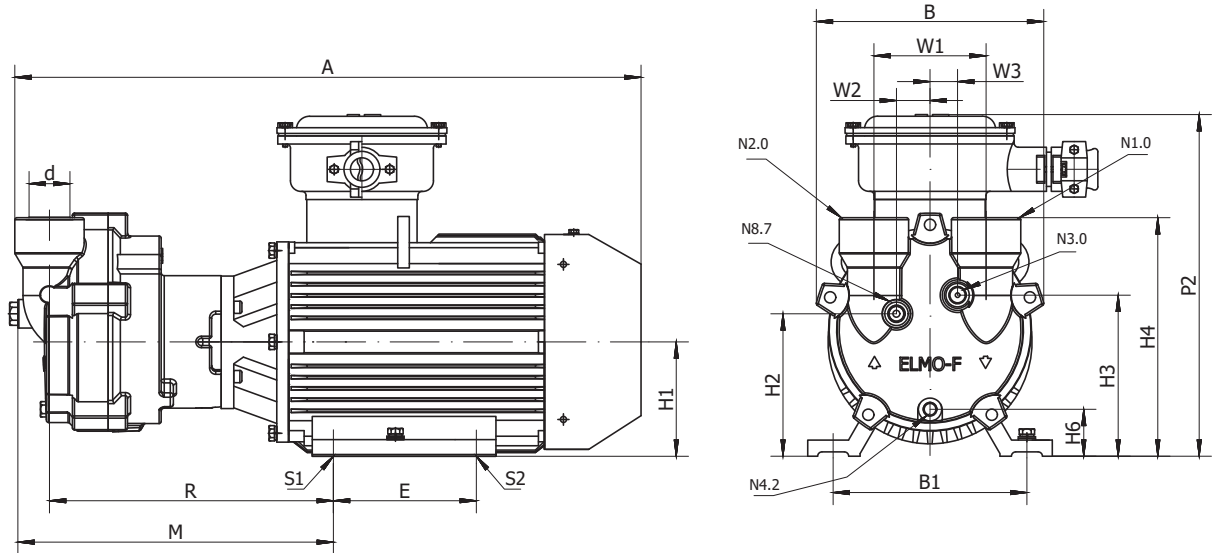
2BV5 防爆 外形尺寸 Dimensions for 2BV5 EXd



型号	A	B	B1	B2	C1	C2	H1	H2	H3	H4	H5	H6	H7	K	L	F	N	S1	S2
2BV5 110-Exd	755	330	255	190	44	25	140	156	201	361	375	38	57	342	130	584	92	φ 12x23	φ 12
2BV5 111-Exd	726	330	265	216	36	26	150	166	211	371	415	48	67	348	130	554	92	φ 12x23	φ 12
2BV5 121-Exd	827	352	265	216	36	26	150	167	217	385	353	39	60	430	141	639	97	φ 12x23	φ 12
2BV5 131-Exd	927	382	300	254	40	28	175	194	249	427	485	53	76	467	148	733	104	φ 15x25	φ 14
2BV5 161-Exd	1085	486	370	370	52	29	210	225	305	521	525	51	80	625	200	848	136	φ 15x27	φ 16

型号	T	d1	d2	d3	d4	d5	W1	W2	W3	W4	d(N1.0&N2.0)	N3.0	N4.2	N8.7
2BV5 110-Exd	340	19	160	123	97	52	180	52	27	130	DN50	G3/4"x24	G3/8"x24	G3/8"x11
2BV5 111-Exd	340	19	160	123	97	52	180	52	27	130	DN50	G3/4"x24	G3/8"x24	G3/8"x11
2BV5 121-Exd	382	19	182	142	114	67	200	57	29	142	DN65	G3/4"x24	G3/8"x24	G3/8"x11
2BV5 131-Exd	382	19	182	142	114	67	200	63	32	154	DN65	G3/4"x24	G3/8"x24	G3/8"x11
2BV5 161-Exd	450	22	200	156	130	80	250	81	41	200	DN80	G3/4"x24	G3/8"x24	G3/8"x11

2BV2 防爆 外形尺寸 Dimensions for 2BV2 EXd



N1.0 吸气口	N1.0 Suction connection
N2.0 排气口	N2.0 Discharge connection
N3.0 工作液接口	N3.0 Operating liquid connection
N4.2 排空口	N4.2 Drain and sealant supply
N8.7 汽蚀保护管接口 (内置)	N8.7 Cavitation protection (built-in)

型 号	A	B	B1	E	H1	H2	H3	H4	H6	M	P2	R	S2	W1	W2	W3	d(N1.0&N2.0)	N3.0	N4.2	N8.7
2BV2 070-Exd	645	223	160	140	100	128	146	222	34	283	345	252	φ 12	110	33	27	G 1-1/2"	G3/8"x12	G1/4"x12	G3/8"x12
2BV2 071-Exd	680	223	190	140	112	140	158	234	45	309	375	279	φ 12	110	33	27	G 1-1/2"	G3/8"x12	G1/4"x12	G3/8"x12



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