

3/2 **3 AND 5 WAY VALVES**
5/2 **Direct Mount Namur & Pipe**
Connecting
 PILOT OPERATE
 1/4 BSP (G)
 ALUMINUM & STAINLESS STEEL



General

Description :

Parker Fluid Control 3/2&5/2 valves are used in applications for actuation of double acting cylinders and piloting of larger control valves. These valves have the Direct Mount NAMUR Pad Configuration or pipe mounting configuration.

Installation

Valves can be mounted in any position. The preferred orientation is vertical and upright.

Compatible Fluids

Air and Inert Gases.

Standard Materials of Construction:

- Sleeve – 303/304 SS
- Sleeve Stop – 430FR stainless steel
- Sleeve Flange – 430FR stainless steel
- Plunger – 430FR stainless steel
- Spring – 301 stainless steel
- Spool – thermoplastic
- Filter – Polyethylene
- Seals - NBR



Electrical Characteristics:

Standard Voltages
 AC:24/50, 110/50, 115/50
 220/50, 230/50
 DC:12, 24

Coil Classification:

Class F Standard
 Class H Available

Agency Approvals:

Standard valves with DIN coils or Optional hazardous rated solenoid Enclosures to meet ATEX and International IECEx requirements. For additional details, Consult Factory.

Applications:

- Pilot Valve Actuation of Larger Control Valves
- Oil and Gas Including Off-Shore Installations
- Double Acting Cylinder Control
- Air Vices
- Air Motors
- Damper Control



3/2,or5/2 3&5 Way Pilot Operated –Single solenoid-Pipe Mount-Aluminum

Port size	Orifice size mm	Flow Factor Q _n L/min (Cv)	Operating Pressure Differential(BAR)			Wattage		Media Temp. °C	Valve Number	Housing	Coil	Reference	
			Min.	AC	DC	AC	DC					Coil	Valve
1/4	4	600 (0.6)	2	10	10	8	9	-25~80	BNKAG2JNC7	-	481865	2	1

3/2,or5/2 3&5 Way Pilot Operated –Dual solenoid-Pipe Mount-Aluminum

Port size	Orifice size mm	Flow Factor Q _n L/min (Cv)	Operating Pressure Differential(BAR)			Wattage		Media Temp. °C	Valve Number	Housing	Coil	Reference	
			Min.	AC	DC	AC	DC					Coil	Valve
1/4	4	600 (0.6)	2	10	10	8	9	-25~80	BPKAG2JNC7	-	481865	2	2

3/2,or5/2 3&5 Way Pilot Operated –Single solenoid-Pipe Mount-Aluminum Body, with Aluminum Hazardous rated ATEX Type EEx d IIC T4/T5/T6 Gb housing

Port size	Orifice size mm	Flow Factor Q _n L/min (Cv)	Operating Pressure Differential(BAR)			Wattage		Media Temp. °C	Valve Number	Housing	Coil	Reference	
			Min.	AC	DC	AC	DC					Coil	Valve
1/4	4	600 (0.6)	2	8	8	4	3.5	-20~60	BNKAG2JNCA	-	XC2-C5	3	3
1/4	4	600 (0.6)	2		8		1	-20~60	BNKAG2JNCB	-	XC3-C5	3	3

3/2,or5/2 3&5 Way Pilot Operated –Dual solenoid-Pipe Mount-Aluminum Body, with Aluminum Hazardous rated ATEX Type EEx d IIC T4/T5/T6 Gb housing

Port size	Orifice size mm	Flow Factor Q _n L/min (Cv)	Operating Pressure Differential(BAR)			Wattage		Media Temp. °C	Valve Number	Housing	Coil	Reference	
			Min.	AC	DC	AC	DC					Coil	Valve
1/4	4	600 (0.6)	2	8	8	4	3.5	-20~60	BPKAG2JNCA	-	XC2-C5	3	4
1/4	4	600 (0.6)	2		8		1	-20~60	BPKAG2JNCB	-	XC3-C5	3	4

3/2,or5/2 3&5 Way Pilot Operated –Single solenoid-Pipe Mount,316 SS Body, with 316 SS Hazardous rated ATEX Type EEx d IIC T4/T5/T6 Gb housing

Port size	Orifice size mm	Flow Factor Q _n L/min (Cv)	Operating Pressure Differential(BAR)			Wattage		Media Temp. °C	Valve Number	Housing	Coil	Reference	
			Min.	AC	DC	AC	DC					Coil	Valve
1/4	4	600 (0.6)	2	8	8	4	3.5	-20~60	BNKAG2JNCS	-	XC2-C4	3	3
1/4	4	600 (0.6)	2		8		1	-20~60	BNKAG2JNCT	-	XC3-C4	3	3

3/2,or5/2 3&5 Way Pilot Operated –Dual solenoid-Pipe Mount,316 SS Body, with 316 SS Hazardous rated ATEX Type EEx d IIC T4/T5/T6 Gb housing

Port size	Orifice size mm	Flow Factor Q _n L/min (Cv)	Operating Pressure Differential(BAR)			Wattage		Media Temp. °C	Valve Number	Housing	Coil	Reference	
			Min.	AC	DC	AC	DC					Coil	Valve
1/4	4	600 (0.6)	2	8	8	4	3.5	-20~60	BPKAG2JNCS	-	XC2-C4	3	4
1/4	4	600 (0.6)	2		8		1	-20~60	BPKAG2JNCT	-	XC3-C4	3	4

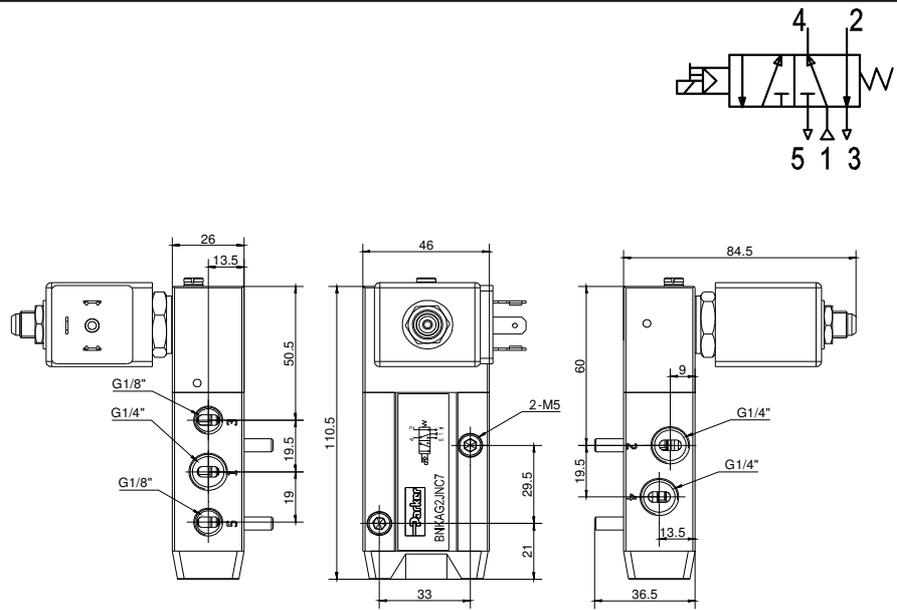
3/2,or5/2 3&5 Way Pilot Operated –Single solenoid-Pipe Mount,316 SS Body, with Aluminum Hazardous rated ATEX Type EEx d IIC T4/T5/T6 Gb housing

Port size	Orifice size mm	Flow Factor Q _n L/min (Cv)	Operating Pressure Differential(BAR)			Wattage		Media Temp. °C	Valve Number	Housing	Coil	Reference	
			Min.	AC	DC	AC	DC					Coil	Valve
1/4	4	600 (0.6)	2	8	8	4	3.5	-20~60	BNKAG2JNCS	-	XC2-C5	3	3
1/4	4	600 (0.6)	2		8		1	-20~60	BNKAG2JNCT	-	XC3-C5	3	3

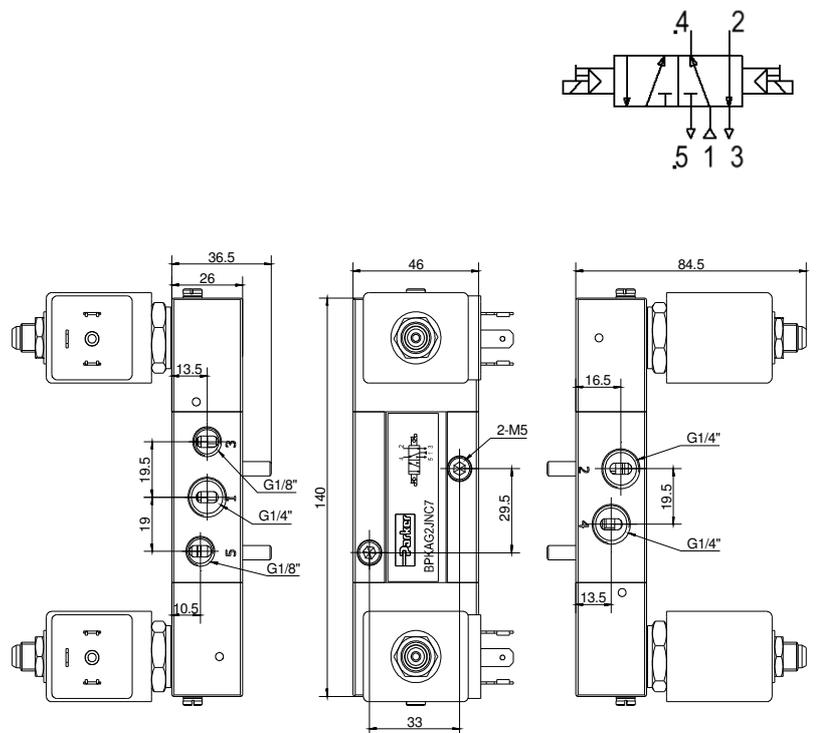
3/2,or5/2 3&5 Way Pilot Operated –Dual solenoid-Pipe Mount,316 SS Body, with Aluminum Hazardous rated ATEX Type EEx d IIC T4/T5/T6 Gb housing

Port size	Orifice size mm	Flow Factor Q _n L/min (Cv)	Operating Pressure Differential(BAR)			Wattage		Media Temp. °C	Valve Number	Housing	Coil	Reference	
			Min.	AC	DC	AC	DC					Coil	Valve
1/4	4	600 (0.6)	2	8	8	4	3.5	-20~60	BPKAG2JNCS	-	XC2-C5	3	4
1/4	4	600 (0.6)	2		8		1	-20~60	BPKAG2JNCT	-	XC3-C5	3	4

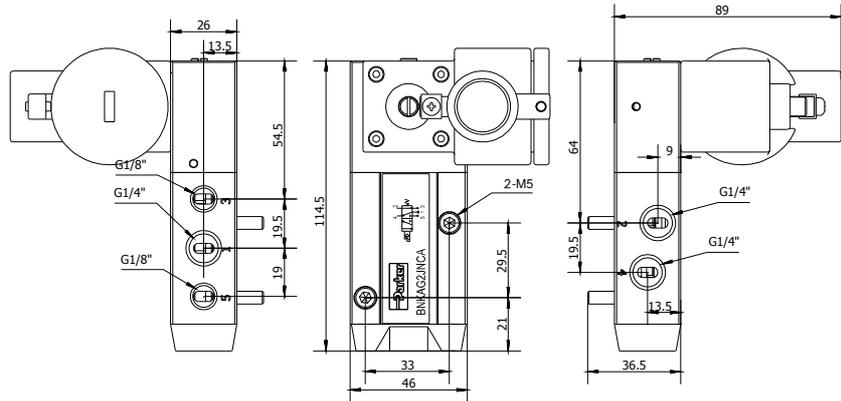
1、BNKAG2JNC7



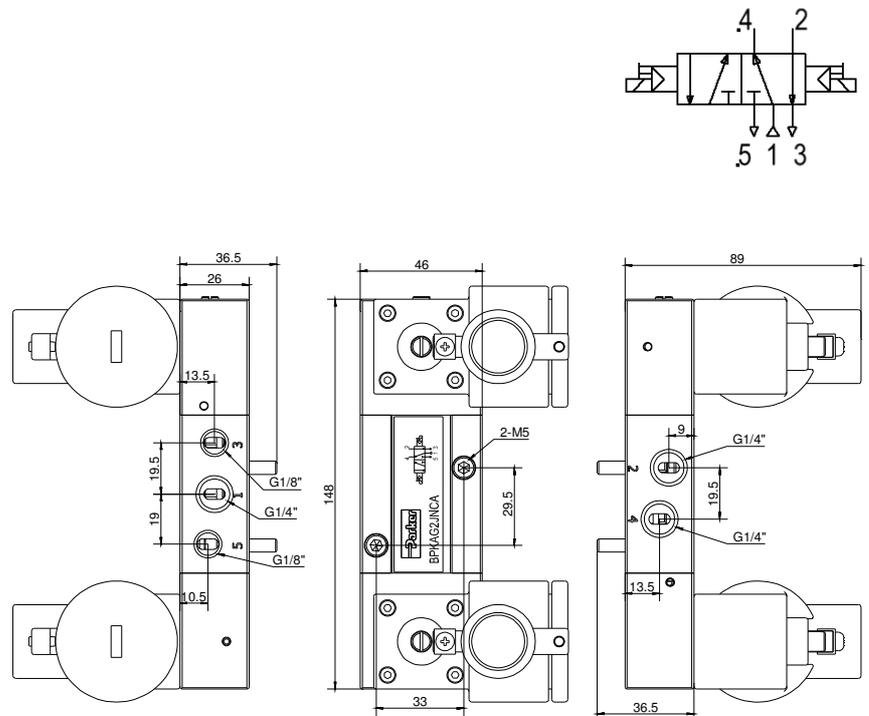
2、BPKAG2JNC7



3、BNKAG2JNCA, B, S, T



4、BPKAG2JNCA, B, S, T



3/2, or 5/2 3&5 Way Pilot Operated - Single Solenoid- NAMUR Direct Mount – Aluminum

NAMUR	Orifice Size mm	Flow Factor Qn 1 /min	Operating Pressure Differential(BAR)			Wattage		Media Temp.	Valve Number	Housing	Coil	Reference	
			Min.	AC	DC	AC	DC					Coil	Valve
1/4	4	600	2	10	10	4	5	-25 - + 80	BNKAD6JNC2	-	496593	1	5
1/4	4	600	2	10	10	8	9	-25 - + 80	BNKAD6JNC7	-	481865	2	7

3/2, or 5/2 3&5 Way Pilot Operated - Dual Solenoid- NAMUR Direct Mount - Aluminum

NAMUR	Orifice Size mm	Flow Factor Qn 1 /min	Operating Pressure Differential(BAR)			Wattage		Media Temp.	Valve Number	Housing	Coil	Reference	
			Min.	AC	DC	AC	DC					Coil	Valve
1/4	4	600	2	10	10	4	5	-25 - + 80	BPKAD6JNC2	-	496593	1	6
1/4	4	600	2	10	10	8	9	-25 - + 80	BPKAD6JNC7	-	481865	2	8

3/2, or 5/2 3&5 Way Pilot Operated - Single Solenoid- NAMUR Direct Mount - Aluminum Body, with Aluminum Hazardous rated ATEX Type EEx d IIC T4/T5/T6 Gb housing

NAMUR	Orifice Size mm	Flow Factor Qn 1 /min	Operating Pressure Differential(BAR)			Wattage		Media Temp.	Valve Number	Housing	Coil	Reference	
			Min.	AC	DC	AC	DC					Coil	Valve
1/4	4	600	2	8	8	4	3.5	-20 - +60	BNKAD6JNCA	-	XC2-C5	3	9
1/4	4	600	2		8		1	-20 - +60	BNKAD6JNCB	-	XC3-C5	3	9

3/2, or 5/2 3&5 Way Pilot Operated - Dual Solenoid- NAMUR Direct Mount - Aluminum Body, with Aluminum Hazardous rated ATEX Type EEx d IIC T4/T5/T6 Gb housing

NAMUR	Orifice Size mm	Flow Factor Qn 1 /min	Operating Pressure Differential(BAR)			Wattage		Media Temp.	Valve Number	Housing	Coil	Reference	
			Min.	AC	DC	AC	DC					Coil	Valve
1/4	4	600	2	8	8	4	3.5	-20 - +60	BPKAD6JNCA	-	XC2-C5	3	10
1/4	4	600	2		8		1	-20 - +60	BPKAD6JNCB	-	XC3-C5	3	10

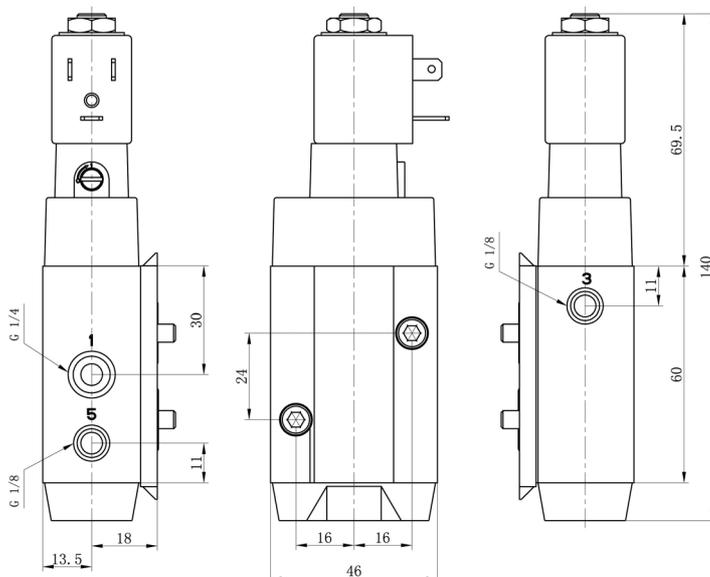
3/2, or 5/2 3&5 Way Pilot Operated - Single Solenoid- NAMUR Direct Mount - 316 SS Body, with 316 SS Hazardous rated ATEX Type EEx d IIC T4/T5/T6 Gb housing

NAMUR	Orifice Size mm	Flow Factor Qn 1 /min	Operating Pressure Differential(BAR)			Wattage		Media Temp.	Valve Number	Housing	Coil	Reference	
			Min.	AC	DC	AC	DC					Coil	Valve
1/4	4	600	2	8	8	4	3.5	-20 - +60	BNKAD6JNCs	-	XC2-C4	3	9
1/4	4	600	2		8		1	-20 - +60	BNKAD6JNCt	-	XC3-C4	3	9

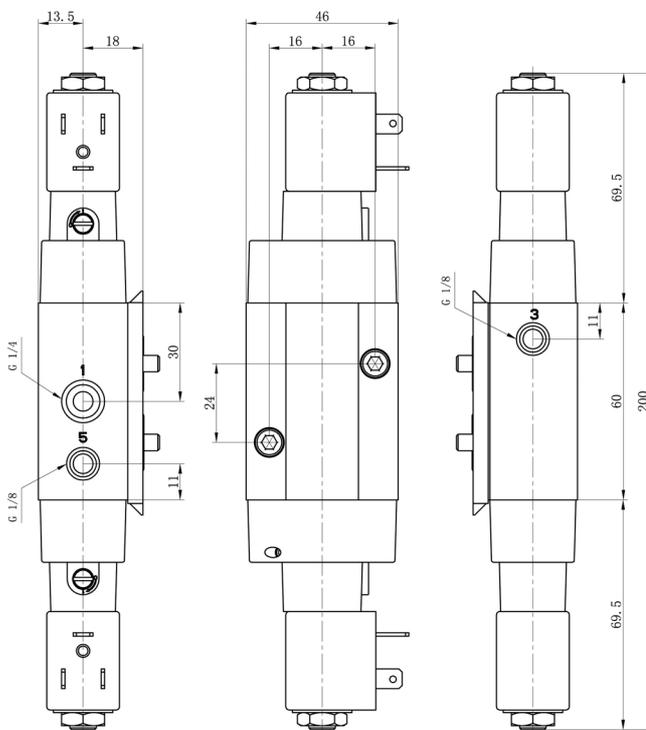
**3/2, or 5/2 3&5 Way Pilot Operated - Dual Solenoid- NAMUR Direct Mount - 316 SS Body,
with 316 SS Hazardous rated ATEX Type EEx d IIC T4/T5/T6 Gb housing**

NAMUR	Orifice Size mm	Flow Factor Qn 1 /min	Operating Pressure Differential(BAR)			Wattage		Media Temp.	Valve Number	Housing	Coil	Reference	
			Min.	AC	DC	AC	DC					Coil	Valve
1/4	4	600	2	8	8	4	3.5	-20 - +60	BPKAD6JNCS	-	XC2-C4	3	10
1/4	4	600	2		8		1	-20 - +60	BPKAD6JNCT	-	XC3-C4	3	10

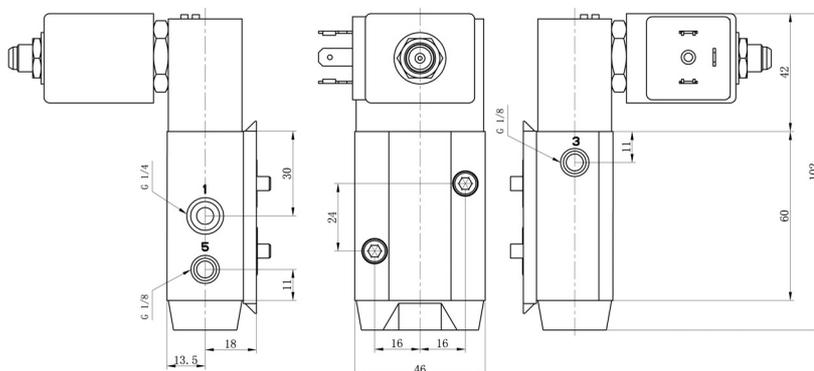
5、BNKAD6JNC2



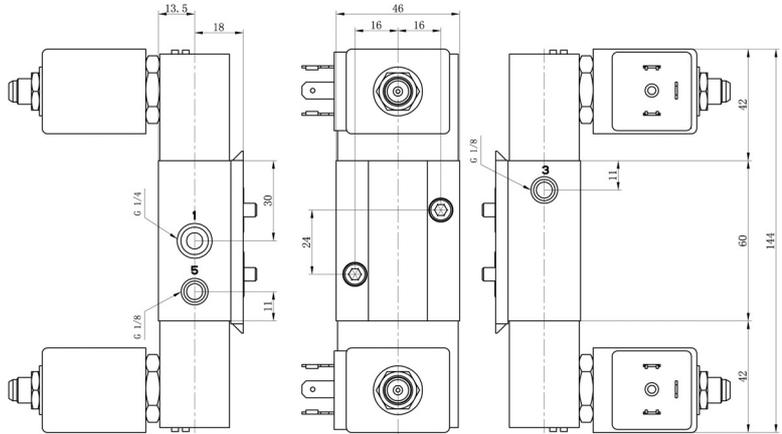
6、BPKAD6JNC2



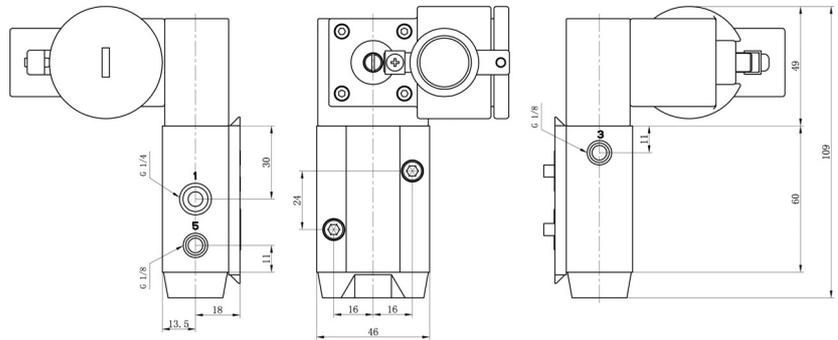
7、BNKAD6JNC7



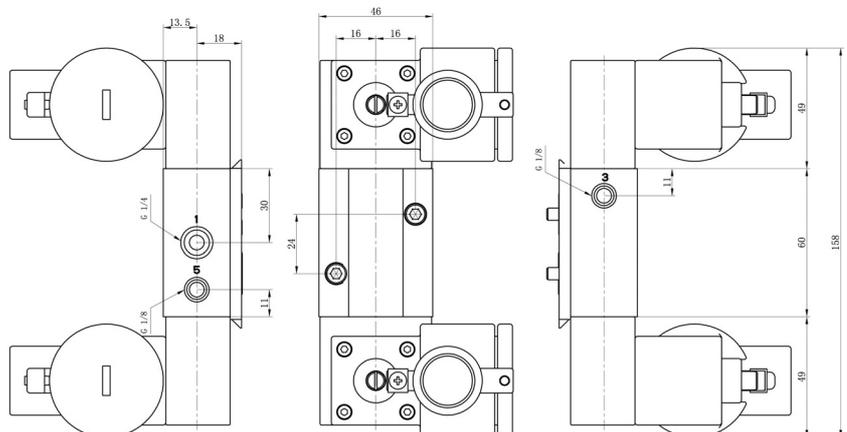
8、BPKAD6JNC7



9、BNKAD6JNCA, B, S, T



10、BPKAD6JNCA, B, S, T



3/2, or 5/2 3&5 Way Pilot Operated –Solenoid

1 Coil Part Number	Description	Voltage	Class	
	496593A2	22mm Din coil, 4W	24V /50Hz	F
	4965930A	22mm Din coil, 4W	110-115V /50Hz	F
	4965933D	22mm Din coil, 4W	220 - 230 V/50Hz	F
	496593C1	22mm Din coil, 5W	12 VDC	F
	496593C2	22mm Din coil, 5W	24 VDC	F
	496593C3	22mm Din coil, 3.6W	36 VDC	F

3/2, or 5/2 3&5 Way Pilot Operated –Solenoid

2 Coil Part Number	Description	Voltage	Class	
	481865A2	32mm Din coil, 8W	24V /50Hz	F
	481865A5	32mm Din coil, 8W	110V /50Hz	F
	4818653D	32mm Din coil, 8W	220 - 230 V/50Hz	F
	481865K8	32mm Din coil, 8W	115V /60Hz	F
	481865C1	32mm Din coil, 9W	12 VDC	F
	481865C2	32mm Din coil, 9W	24 VDC	F

3/2, or 5/2 3&5 Way Pilot Operated – Solenoid

3 Coil Part Number	Description	Voltage	Class	
	XC2-C4C2	316 housing, DNV 12 ATEX 14872X , 3.5W,EEExdIICT4/T5/T6 Gb	24VDC	H
	XC2-C4P2	316 housing, DNV 12 ATEX 14872X , 4W, EEExdIICT4/T5/T6 Gb	110V/50-60Hz	H
	XC2-C4P4	316 housing, DNV 12 ATEX 14872X , 4W, EEExdIICT4/T5/T6 Gb	120V/50-60Hz	H
	XC2-C43P	316 housing, DNV 12 ATEX 14872X , 4W, EEExdIICT4/T5/T6 Gb	220V/50-60Hz	H
	XC2-C4S6	316 housing, DNV 12 ATEX 14872X , 4W, EEExdIICT4/T5/T6 Gb	240V/50-60Hz	H
	XC2-C5C2	Al housing, DNV 12 ATEX 14872X, 3.5W, EEExdIICT4/T5/T6 Gb	24VDC	H
	XC2-C5P2	Al housing, DNV 12 ATEX 14872X, 4W, EEExdIICT4/T5/T6 Gb	110V/50-60Hz	H
	XC2-C5P4	Al housing, DNV 12 ATEX 14872X, 4W, EEExdIICT4/T5/T6 Gb	120V/50-60Hz	H
	XC2-C53P	Al housing, DNV 12 ATEX 14872X, 4W, EEExdIICT4/T5/T6 Gb	220V/50-60Hz	H
	XC2-C5S6	Al housing, DNV 12 ATEX 14872X, 4W, EEExdIICT4/T5/T6 Gb	240V/50-60Hz	H
	XC3-C4C2	316 housing, low power, 1W, EEExdIICT4/T5/T6 Gb	24VDC	H
	XC3-C5C2	Al housing, low power, 1W, EEExdIICT4/T5/T6 Gb	24VDC	H

Namur & Pipe Mounting Valve Numbering System



1: Single/Dual Solenoid

N	Single
P	Dual

3: Namur/Pipe

D6	Namur
G2	Pipe

5: Coil Type

2	2K Series
7	7K Series

6: Coil Part Number

496593__	22mm DIN coil
481865__	32mm DIN coil

A	ATEX , AL Housing	XC2-C5__	ATEX , AL Housing,3.5W(DC),4W(AC)
B	ATEX , AL Housing	XC3-C5C2	ATEX , AL Housing,1W
S	ATEX , ST. Housing	XC2-C4__	ATEX , ST. Housing,3.5W(DC),4W(AC)
T	ATEX , ST. Housing	XC3-C4C2	ATEX , ST. Housing,1W

传动与控制领域的先行者

传动与控制系统



主要市场

农业
建筑机械
分销
通用机械
机床
船舶
物料搬运
军事
采矿
石油天然气
发电
半导体
运输
卡车与巴士
草坪机械



主要产品

蓄能器
空气调节阀及干燥
插装阀
仪表盘
控制器及人机界面
冷却器
液压缸
伺服驱动器
驱动器（直流/交流伺服电机）
电动执行器与定位器
电机和减速机
电液执行器
电液泵
电子显示器及人机界面
风扇驱动
摆线泵和摆线马达
气爪
螺旋摆动缸
液控阀
工业阀
集成静液传动系统
IO Link控制器
物联网
操纵杆
工程机械阀
柱塞泵及柱塞马达
气压缸
气动阀
取力器
旋转执行器
螺杆泵
传感器
软件
叶片泵及叶片马达

宇航



主要市场

售后服务
商用飞机
航空发动机
通用及公务航空
直升机
军用飞机
导弹
发电
支线运输机
无人驾驶飞行器

主要产品

飞行控制系统及组件
发动机系统及部件
流体传输系统及组件
流体测量、传输与雾化组件
燃油系统及组件
油箱惰化系统
液压系统及部件
滑油组件
气动控制组件
动力调节及管理系统
热能管理
飞机机轮及刹车

流体连接件



主要市场

高空作业车
农业
散装化学品处理
建筑机械
食品及饮料
燃料及气体传输
工业机械
生命科学
船舶
采矿
行走机械
石油天然气
可再生能源
交通运输

主要产品

单向阀
诊断和IoT设备
软管接头
软管扣压机
工业软管
低压接头及过渡接头
聚四氟乙烯管
快换接头
橡胶和热塑软管
硬管接头及过渡接头
塑料接头和接头

仪器仪表



主要市场

空调
可替代性燃料
分析
精细化工
柴油发动机
食品及饮料
工业机械
生命科学
微电子
石油天然气
炼油
制冷
运输

主要产品

蓄能器
分析仪表与样品预处理系统
压缩天然气加气机
低温阀
电子阀
排放
过滤干燥器
流体系统及控制接头，流量计，阀门，调节阀及阀组
氟聚合物化学品输送用接头，阀门及泵
高压接头，阀门，泵及系统
高纯气体输送用接头，阀门及调节阀
微型阀及泵
车载天然气燃料系统
调节阀
制冷及空气调节电子控制和监测
电磁阀

过滤



主要市场

航空航天与国防
农业
建筑机械
食品与饮料
(HVAC)暖通空调
工业机械
生命科学
船舶
采矿
石油天然气
发电
可再生能源
水净化

主要产品

航空航天过滤器与系统
空气污染控制&除尘系统&过滤
压缩空气&气体处理解决方案
发动机燃油，机油，空气及闭式曲轴箱通风过滤系统
过滤及净化系统
流体状态监测系统
燃气轮机进气过滤
暖通空调过滤
液压、润滑过滤器及系统
工业及分析气体发生器
仪器仪表过滤
膜纤维及烧结金属过滤
天然气过滤
制程液体、空气及气体过滤
除菌空气过滤
水净化过滤及系统

工程材料



主要市场

航空航天
农业
化学处理
建筑机械
信息技术
生命科学
微电子
军事
石油天然气
发电
可再生能源
通信
运输
卡车与巴士

主要产品

动态密封
弹性O型圈
电磁防护
挤出和织物增强型密封
高温金属密封
弹性体成型件
医疗密封及组件
金属与塑料复合密封
精密密封件
热管理

派克汉尼汾在中国的联系方式

派克汉尼汾中国总部

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