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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------------|----------------------|--------------------------------------|-------------------------|----------------|------------|
| <div></div> <div>江苏索普工程科技有限公司<br/>JiangSu SOPO Engineering<br/>Technology Co. Ltd.</div> | 仪表数据表<br>INSTRUMENT DATA SHEET |                                                              |                      | 镇江海纳川物流产业发展有限责任公司<br>发放效能提升项目        |                         |                |            |
|                                                                                                                                                                          | 气动切断阀                          |                                                              |                      | 工程号<br>ENG NO                        | 202403-04               | 主项号<br>PROJ NO |            |
|                                                                                                                                                                          | PNEUMATIC SHUTOFF VALVE        |                                                              |                      | 图号<br>DWG. NO. 202403-04-K03-17-03/0 |                         |                |            |
|                                                                                                                                                                          | 合同号<br>CONT. NO.               |                                                              | 设计阶段<br>STAGE        | 施工图                                  | 第 1 张 共 3 张<br>SHEET OF |                |            |
| 位号 TAG NO.                                                                                                                                                               |                                |                                                              | HV-5211B             |                                      |                         |                |            |
| 用途 SERVICE                                                                                                                                                               |                                |                                                              | V5201出口管道切断阀         |                                      |                         |                |            |
| P&ID号 P&ID NO.                                                                                                                                                           |                                |                                                              |                      |                                      |                         |                |            |
| 管道编号 LINE NO.                                                                                                                                                            |                                |                                                              | AC-5503-6"-AKL1-E    |                                      |                         |                |            |
| 管道材质 LINE MATERIAL                                                                                                                                                       |                                |                                                              | 316L                 |                                      |                         |                |            |
| 管道规格 LINE SPECIFICATION                                                                                                                                                  |                                |                                                              | 6"                   |                                      |                         |                |            |
| 操作条件 OPERATING CONDITIONS                                                                                                                                                |                                |                                                              |                      |                                      |                         |                |            |
| 工艺介质 PROCESS FLUID                                                                                                                                                       |                                |                                                              | 醋酸                   |                                      |                         |                |            |
| 操作温度 OPER. TEMPER. °C                                                                                                                                                    |                                |                                                              | 25                   |                                      |                         |                |            |
| 操作压力 OPER. PRESSURE MPa(G)                                                                                                                                               |                                |                                                              | 0.5                  |                                      |                         |                |            |
| 最大差压 MAX. DIFF. PRESSURE                                                                                                                                                 |                                |                                                              | 0.5                  |                                      |                         |                |            |
| 正常流量 NOR. FLOW                                                                                                                                                           |                                |                                                              | 200m3/h              |                                      |                         |                |            |
| 阀规格 VALVE SPECIFICATION                                                                                                                                                  |                                |                                                              |                      |                                      |                         |                |            |
| 型号 MODEL                                                                                                                                                                 |                                |                                                              |                      |                                      |                         |                |            |
| 型式 TYPE                                                                                                                                                                  |                                |                                                              | 气动0型软密封固定球阀          |                                      |                         |                |            |
| 公称通径 NOMINAL DIAMETER (mm)                                                                                                                                               |                                |                                                              | 6"                   |                                      |                         |                |            |
| 阀体材质 BODY MATERIAL                                                                                                                                                       |                                |                                                              | CF3M                 |                                      |                         |                |            |
| 阀芯/阀座材质 BALL MATERIAL                                                                                                                                                    |                                |                                                              | 316L/316L            |                                      |                         |                |            |
| 输入信号 INPUT SIGNAL                                                                                                                                                        |                                |                                                              | ON-OFF               |                                      |                         |                |            |
| 气源压力 AIR PRESSURE                                                                                                                                                        |                                |                                                              | 0.5MPa               |                                      |                         |                |            |
| 耗气量 AIR CONSUMPTION                                                                                                                                                      |                                |                                                              | 单作用气缸                |                                      |                         |                |            |
| 气源故障时阀位置 AIR FAIL VALVE POSITION                                                                                                                                         |                                |                                                              | FC                   |                                      |                         |                |            |
| 泄漏等级 LEAKAGE CLASS                                                                                                                                                       |                                |                                                              | API 598/零泄露          |                                      |                         |                |            |
| 全行程时间 TRAVEL TIME                                                                                                                                                        |                                |                                                              | 6秒全关                 |                                      |                         |                |            |
| 计算 Cv CALC. Cv                                                                                                                                                           |                                |                                                              |                      |                                      |                         |                |            |
| 选择 Cv RATED Cv                                                                                                                                                           |                                |                                                              |                      |                                      |                         |                |            |
| 法兰标准及等级 FLANGE STD. & RATING                                                                                                                                             |                                |                                                              | HG/T20615-2009 150lb |                                      |                         |                |            |
| 法兰尺寸及密封面 FLANGE SIZE & FACING                                                                                                                                            |                                |                                                              | 6" RF                |                                      |                         |                |            |
| 气接管尺寸 AIR CONN. SIZE                                                                                                                                                     |                                |                                                              | 8mm                  |                                      |                         |                |            |
| 电磁阀型号 SOLENOID MODEL                                                                                                                                                     |                                |                                                              | 二位三通                 |                                      |                         |                |            |
| 电磁阀形式 SOLENOID TYPE                                                                                                                                                      |                                |                                                              | 24VDC,低功耗小于4W        |                                      |                         |                |            |
| 防爆等级 EXPOSITION-PROOF CLASS                                                                                                                                              |                                |                                                              | ExdIIBT4             |                                      |                         |                |            |
| 防护等级 ENCLOSURE PROOF                                                                                                                                                     |                                |                                                              | IP65                 |                                      |                         |                |            |
| 电气接口尺寸 ELEC. CONN. SIZE                                                                                                                                                  |                                |                                                              | 1/2 NPT(F)           |                                      |                         |                |            |
| 阀位开关 POSITION SWITCH                                                                                                                                                     |                                |                                                              | 1/2"NPTx2, 接近式       |                                      |                         |                |            |
| 制造厂 MANUFACTURER                                                                                                                                                         |                                | 1. 提供API 6FA或API607防火认证, 带防火易熔塞, 当气缸温度达到100℃ 时, 易熔塞熔化, 阀门关闭; |                      |                                      |                         |                |            |
| 备注 REMARKS                                                                                                                                                               |                                | 2. 阀门附件随阀成套提供, 带不锈钢铭牌, 提供配对法兰 (316L);                        |                      |                                      |                         |                |            |
|                                                                                                                                                                          |                                | 3. 带手轮;                                                      |                      |                                      |                         |                |            |
|                                                                                                                                                                          |                                |                                                              |                      |                                      |                         |                |            |
| 修改<br>REV.                                                                                                                                                               | 说明<br>DESCRIPTION              | 设计<br>DESIGN                                                 | 日期<br>DATE           | 校核<br>CHECKED                        | 日期<br>DATE              | 审核<br>APPD     | 日期<br>DATE |

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| <div></div> <div>江苏索普工程科技有限公司<br/>JiangSu SOPD Engineering<br/>Technology Co. Ltd.</div> | 仪表数据表<br>INSTRUMENT DATA SHEET                                                                                             |             |                      | 镇江海纳川物流产业发展有限责任公司 |                      |                         |                       |
|                                                                                                                                                                          | 气动切断阀<br>PNEUMATIC SHUTOFF VALVE                                                                                           |             |                      | 工程号<br>ENG NO.    | 202403-04            | 主项号<br>PROJ NO.         |                       |
|                                                                                                                                                                          |                                                                                                                            |             |                      | 图号<br>DWG. NO.    |                      |                         | 202403-04-K03-17-03/0 |
|                                                                                                                                                                          | 合同号<br>CONT. NO.                                                                                                           |             |                      | 设计阶段<br>STAGE     | 施工图                  | 第 2 张 共 3 张<br>SHEET OF |                       |
| 位号 TAG NO.                                                                                                                                                               | EV-35100                                                                                                                   |             | EV-35101             |                   | EV-35102             |                         |                       |
| 用途 SERVICE                                                                                                                                                               | V35100进口管道切断阀                                                                                                              |             | V535101进口管道切断阀       |                   | V35102进口管道切断阀        |                         |                       |
| P&ID号 P&ID NO.                                                                                                                                                           |                                                                                                                            |             |                      |                   |                      |                         |                       |
| 管道编号 LINE NO.                                                                                                                                                            | EA-35111-6"-AA1                                                                                                            |             | EA-35132-6"-AA1      |                   | EA-35142-6"-AA1      |                         |                       |
| 管道材质 LINE MATERIAL                                                                                                                                                       | 20#                                                                                                                        |             | 20#                  |                   | 20#                  |                         |                       |
| 管道规格 LINE SPECIFICATION                                                                                                                                                  | 6"                                                                                                                         |             | 6"                   |                   | 6"                   |                         |                       |
| 操作条件 OPERATING CONDITIONS                                                                                                                                                |                                                                                                                            |             |                      |                   |                      |                         |                       |
| 工艺介质 PROCESS FLUID                                                                                                                                                       | 乙酯                                                                                                                         |             | 乙酯                   |                   | 乙酯                   |                         |                       |
| 操作温度 OPER. TEMPER. °C                                                                                                                                                    | 25                                                                                                                         |             | 25                   |                   | 25                   |                         |                       |
| 操作压力 OPER. PRESSURE MPa (G)                                                                                                                                              | 0.5                                                                                                                        |             | 0.5                  |                   | 0.5                  |                         |                       |
| 最大差压 MAX. DIFF. PRESSURE                                                                                                                                                 | 0.5                                                                                                                        |             | 0.5                  |                   | 0.5                  |                         |                       |
| 正常流量 NOR. FLOW                                                                                                                                                           | 200m3/h                                                                                                                    |             | 200m3/h              |                   | 200m3/h              |                         |                       |
| 阀规格 VALVE SPECIFICATION                                                                                                                                                  |                                                                                                                            |             |                      |                   |                      |                         |                       |
| 型号 MODEL                                                                                                                                                                 |                                                                                                                            |             |                      |                   |                      |                         |                       |
| 型式 TYPE                                                                                                                                                                  | 气动0型软密封固定球阀                                                                                                                |             | 气动0型软密封固定球阀          |                   | 气动0型软密封固定球阀          |                         |                       |
| 公称通径 NOMINAL DIAMETER (mm)                                                                                                                                               | 6"                                                                                                                         |             | 6"                   |                   | 6"                   |                         |                       |
| 阀体材质 BODY MATERIAL                                                                                                                                                       | CF8                                                                                                                        |             | CF8                  |                   | CF8                  |                         |                       |
| 阀芯/阀座材质 BALL MATERIAL                                                                                                                                                    | 316/316                                                                                                                    |             | 316/316              |                   | 316/316              |                         |                       |
| 输入信号 INPUT SIGNAL                                                                                                                                                        | ON-OFF                                                                                                                     |             | ON-OFF               |                   | ON-OFF               |                         |                       |
| 气源压力 AIR PRESSURE                                                                                                                                                        | 0.5MPa                                                                                                                     |             | 0.5MPa               |                   | 0.5MPa               |                         |                       |
| 耗气量 AIR CONSUMPTION                                                                                                                                                      | 单作用气缸                                                                                                                      |             | 单作用气缸                |                   | 单作用气缸                |                         |                       |
| 气源故障时阀位置 AIR FAIL VALVE POSITION                                                                                                                                         | FC                                                                                                                         |             | FC                   |                   | FC                   |                         |                       |
| 泄漏等级 LEAKAGE CLASS                                                                                                                                                       | API 598/零泄露                                                                                                                |             | API 598/零泄露          |                   | API 598/零泄露          |                         |                       |
| 全行程时间 TRAVEL TIME                                                                                                                                                        | 6秒全关                                                                                                                       |             | 6秒全关                 |                   | 6秒全关                 |                         |                       |
| 计算 Cv CALC. Cv                                                                                                                                                           |                                                                                                                            |             |                      |                   |                      |                         |                       |
| 选择 Cv RATED Cv                                                                                                                                                           |                                                                                                                            |             |                      |                   |                      |                         |                       |
| 法兰标准及等级 FLANGE STD. & RATING                                                                                                                                             | HG/T20615-2009 150lb                                                                                                       |             | HG/T20615-2009 150lb |                   | HG/T20615-2009 150lb |                         |                       |
| 法兰尺寸及密封面 FLANGE SIZE & FACING                                                                                                                                            | 6" RF                                                                                                                      |             | 6" RF                |                   | 6" RF                |                         |                       |
| 气接管尺寸 AIR CONN. SIZE                                                                                                                                                     | 8mm                                                                                                                        |             | 8mm                  |                   | 8mm                  |                         |                       |
| 电磁阀型号 SOLENOID MODEL                                                                                                                                                     | 二位三通,SIL2                                                                                                                  |             | 二位三通,SIL2            |                   | 二位三通,SIL2            |                         |                       |
| 电磁阀形式 SOLENOID TYPE                                                                                                                                                      | 24VDC,低功耗小于4W                                                                                                              |             | 24VDC,低功耗小于4W        |                   | 24VDC,低功耗小于4W        |                         |                       |
| 防爆等级 EXPOSITION-PROOF CLASS                                                                                                                                              | ExdIIBT4                                                                                                                   |             | ExdIIBT4             |                   | ExdIIBT4             |                         |                       |
| 防护等级 ENCLOSURE PROOF                                                                                                                                                     | IP65                                                                                                                       |             | IP65                 |                   | IP65                 |                         |                       |
| 电气接口尺寸 ELEC. CONN. SIZE                                                                                                                                                  | 1/2 NPT(F)                                                                                                                 |             | 1/2 NPT(F)           |                   | 1/2 NPT(F)           |                         |                       |
| 阀位开关 POSITION SWITCH                                                                                                                                                     | 1/2"NPTx2, 接近式,SIL2                                                                                                        |             | 1/2"NPTx2, 接近式,SIL2  |                   | 1/2"NPTx2, 接近式,SIL2  |                         |                       |
| 制造厂 MANUFACTURER                                                                                                                                                         | 1. 提供API 6FA或API607防火认证, 带防火易熔塞, 当气缸温度达到100℃ 时, 易熔塞熔化, 阀门关闭;<br>2. 阀门附件随阀成套提供, 带不锈钢铭牌, 提供配对法兰 (20#);<br>3. 阀门必须整体具有SIL2认证; |             |                      |                   |                      |                         |                       |
| 备注 REMARKS                                                                                                                                                               |                                                                                                                            |             |                      |                   |                      |                         |                       |
|                                                                                                                                                                          |                                                                                                                            |             |                      |                   |                      |                         |                       |
| 修改<br>REV.                                                                                                                                                               | 说 明<br>DESCRIPTION                                                                                                         | 设 计<br>DESD | 日 期<br>DATE          | 校 核<br>CHED       | 日 期<br>DATE          | 审 核<br>APPD             | 日 期<br>DATE           |