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| <div><div></div><div><div>福建省石油化学<br/>工业设计院有限公司</div><div>FUJIAN PETROCHEMICAL INDUSTRY DESIGN INSTITUTE CO., LTD.</div><div>证书编号: 甲第A235004206(CLASS A 1835010001)</div></div></div> |        |                                       |  |                          | DWG. NO. |                  | G181S-2023604-K-03 |                           |  |          |  |
|                                                                                                                                                                                                                                                                        |        |                                       |  |                          |          |                  | 6                  |                           |  |          |  |
| General                                                                                                                                                                                                                                                                | 1      | Tag Number                            |  | P&ID P&ID No.            |          | 78-MOV-886       |                    | G181S-2023604-Y-02        |  | 3303     |  |
|                                                                                                                                                                                                                                                                        | 2      | Service                               |  | Number                   |          |                  |                    |                           |  | 1        |  |
|                                                                                                                                                                                                                                                                        | 3      | Line Number                           |  | Pipe Mat'l               |          | A312 Gr.TP316L   |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 4      | / Pipe O.D/I.D                        |  |                          |          | DN150            |                    |                           |  |          |  |
| Service Condition                                                                                                                                                                                                                                                      | 5      | Fluid                                 |  | Phase                    |          | State            |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 6      | Flow Rate                             |  |                          |          | Max.Flow         |                    | Nor.Flow                  |  | Min.Flow |  |
|                                                                                                                                                                                                                                                                        |        | kg/h ( Liquid, Steam) Nm3/h( Gas)     |  |                          |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 7      | Design Pressure MPa(G)                |  | Design Temp.             |          | 1.59             |                    | 60                        |  |          |  |
|                                                                                                                                                                                                                                                                        | 8      | Oper.Pressure MPa(G)                  |  | Oper. Temp.              |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 9      | Oper. Density kg/m3                   |  |                          |          | 1050             |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 10     | Std. Density kg/Nm3                   |  |                          |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 11     | Des. Shut-Off DP(Mpa)                 |  | Allowable dBA            |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 12     | Kin Visc(mm2/S)                       |  | Dyn Visc(mPa.s)          |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 13     |                                       |  |                          |          |                  |                    |                           |  |          |  |
| Body                                                                                                                                                                                                                                                                   | 14     | Model                                 |  |                          |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 15     | Body Type                             |  | Body Size                |          |                  |                    | DN150                     |  |          |  |
|                                                                                                                                                                                                                                                                        | 16     | Body Mat'l                            |  | Trim Mat'l               |          | 316L             |                    | 316L                      |  |          |  |
|                                                                                                                                                                                                                                                                        | 17     | End Conn. Type & Size                 |  | Inlet                    |          | 6" ANSI CL300,RF |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | Outlet |                                       |  | 6" ANSI CL300,RF         |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 18     | End Conn.STD.                         |  | Press. Rating            |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 19     | Packing Mat'l                         |  |                          |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 20     | Seat Mat'l                            |  | Stem Mat'l               |          | 316L             |                    | MFR STD                   |  |          |  |
|                                                                                                                                                                                                                                                                        | 21     | Flang Face Finish                     |  | Leakage Class            |          |                  |                    | ANSI V                    |  |          |  |
|                                                                                                                                                                                                                                                                        | 22     | Max.Shut-Off Diff.Press.(Mpa)         |  | Cv Rated Cv              |          |                  |                    |                           |  |          |  |
| Actuator                                                                                                                                                                                                                                                               | 23     | Type                                  |  | Model                    |          | ( )              |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 24     | Size                                  |  | Power Supply             |          |                  |                    | 380V AC / /50Hz           |  |          |  |
|                                                                                                                                                                                                                                                                        | 25     | Power                                 |  | Full Load Current Rating |          |                  |                    | BY MFR                    |  |          |  |
|                                                                                                                                                                                                                                                                        | 26     | Electric Wiring Diagram               |  | Electrica Connection     |          |                  |                    | M25x1.5(F)x1 M32x1.5(F)x2 |  |          |  |
|                                                                                                                                                                                                                                                                        | 27     | Rated Torque                          |  | Staring Torque           |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 28     | Space Heater                          |  |                          |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 29     | Full Stroke Time                      |  | Handwheel                |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 30     | Enclosure Protection                  |  | Explosion Proof          |          | IP68             |                    | Exd IIBT4                 |  |          |  |
|                                                                                                                                                                                                                                                                        | 31     | Signal Type                           |  | Manufacturer             |          | FF               |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 32     |                                       |  |                          |          |                  |                    |                           |  |          |  |
| Accessories                                                                                                                                                                                                                                                            | 33     | End Position Switch                   |  |                          |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 34     | Emergency Close Switch                |  |                          |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 35     | Inhibit Close Switch                  |  |                          |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 36     | Com.Alarm Switch                      |  |                          |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 37     | Status Lights                         |  |                          |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 38     | Open/Close/Stop Pushbutton            |  |                          |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 39     | Local/Off/Remote Selector             |  |                          |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 40     | Position Indicator                    |  |                          |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 41     | Position Transmitter (4~20mA)         |  |                          |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 42     | Inching Facility                      |  |                          |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 43     | Open/Close Trq Switches               |  |                          |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 44     | 4~20mA 4~20mA Position Control Signal |  |                          |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 45     | Surge Protection Device               |  |                          |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 46     |                                       |  |                          |          |                  |                    |                           |  |          |  |
| Miscell                                                                                                                                                                                                                                                                | 47     | Manufacturer                          |  |                          |          |                  |                    |                           |  |          |  |
|                                                                                                                                                                                                                                                                        | 48     |                                       |  |                          |          |                  |                    |                           |  |          |  |
| NOTES                                                                                                                                                                                                                                                                  |        |                                       |  |                          |          |                  |                    |                           |  |          |  |
| 1. /                                                                                                                                                                                                                                                                   |        |                                       |  |                          |          |                  |                    |                           |  |          |  |
| 2.                                                                                                                                                                                                                                                                     |        |                                       |  |                          |          |                  |                    |                           |  |          |  |
| 3. / / /                                                                                                                                                                                                                                                               |        |                                       |  |                          |          |                  |                    |                           |  |          |  |