



M.O.P = 2 BAR(G)
 D.P = 3 BAR(G)
 CAPACITY = 743.8 Nm³/hr
 D.T = 15 / 25 C

LEGEND

- BALL VALVE NORMALLY OPENED
- BALL VALVE NORMALLY CLOSED
- CAP
- REDUCER
- PRESSURE INDICATOR
- PRESSURE INDICATOR TRANSMITTER
- INSULATING JOINT
- TRANSITION FITTING
- FILTER
- AG ABOVE GROUND
- UG UNDER GROUND
- MOV MOTOR OPERATED VALVE
- ZI POSITION INDICATOR
- FE FLOW ELEMENT
- FT FLOW TRANSMITTER

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|--------------------------------|-------|-------|------|------|------|------|-------|-------|-------|
| CAPACITY [Nm ³ /hr] | 743.8 | 743.8 | 477 | 159 | 159 | 159 | 266.8 | 133.4 | 133.4 |
| PRESSURE [BAR(G)] | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| DIAMETER | 3" | 110 | 3" | 2" | 2" | 2" | 2" | 2" | 2" |
| MATERIAL | CS | PE | CS | CS | CS | CS | CS | CS | CS |
| VELOCITY [m/s] | 14.60 | 10.98 | 9.38 | 6.87 | 6.87 | 6.87 | 11.57 | 5.78 | 5.78 |

| Rev No. | issue. | Date | designed by | approved by |
|---------|---------------------------------|----------|-------------|-------------|
| 0 | for approval | 15.06.23 | B.P | R.P |
| 1 | Approved for construction (AFC) | 07.07.23 | B.P | R.P |
| | | | | |
| | | | | |

| Drawing Name: | DESIGN DATA: | |
|----------------------|-------------------------|-----------------|
| Process Flow Diagram | max operating pressure | 2 barg |
| Drawing Number: | design pressure | 3 barg |
| 743-017-PRO-PFD-001 | design temperature (CS) | -10 TO 65 deg C |
| Project Number: | design temperature (PE) | 0 TO 40 deg C |
| 743-017 | | |

Client:



Designer:



Project:

בית חולים ברזילי- חיבור לגז טבעי