



| symbol | description | quantity |
|--------|--|----------|
| | hand ball valve N.C. DN <25 | 8 |
| | hand ball valve N.O. DN <25 | 10 |
| BD | blow down | |
| CB | booster B | 1 |
| CW | W compressor _ bores 110 - 65 - 40 | 1 |
| CV2 | check valve | 5 |
| F1 | inlet filter DN50 (flanged) PS=16 bar, 25 micron | 1 |
| F2 | outlet filter , DN20, PS=350 bar, 1 micron | 2 |
| HE1 | coaxial pipes heat exchanger: ext pipe 35 mm (PN160) for H2O and int pipe 20 mm (PN320) for CH4 | 1 |
| PG1 | 1/4\" pressure gauge 50 bar | 1 |
| PG3 | 1/4\" pressure gauge 400 bar | 3 |
| PR1 | pressure reducer 250-220 bar | 1 |
| PS1 | calibrated pressure switch 230 bar | 2 |
| PS2 | calibrated pressure switch 260 bar | 1 |
| PT1 | pressure transducer : range 0-250bar | 2 |
| PV1 | carbon steel ball valve with spring return pneumatic actuator, normally closed, 2 ways, Split Wafer, DN50 PN16 bar | 1 |
| PV2 | carbon steel ball valve with double acting pneumatic actuator, 2 ways, Split Wafer, DN50 PN 16 bar | 1 |
| PV3 | carbon steel ball valve with double acting pneumatic actuator, 2 ways, DN20 PN 315 bar | 1 |
| PV4 | carbon steel ball valve with spring return pneumatic actuator, normally closed, 2 ways, DN20 PN315 bar | 2 |
| ST1 | medium pressure storage tanks (200 bar) PS=275 bar | 1 |
| ST2 | high pressure storage tanks (250 bar) PS=275 bar | 1 |
| SV0 | safety valve calibrated 11 bar, inlet DN 20, discharge DN25 | 1 |
| SV1 | I stage safety valve calibrated 35 bar, inlet DN 20, discharge DN25 | 1 |
| SV2 | II stage safety valve calibrated 90 bar, inlet DN20, discharge DN25 | 1 |
| SV3 | III stage and MP safety valve calibrated 242 bar, inlet DN20, discharge DN 25 | 3 |
| SV4 | HP safety valve calibrated 275 bar, inlet DN20, discharge DN25 | 2 |
| SVF | inlet hand ball valve Split Wafer DN20,PN25 | 1 |

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|---------------|--|----------|-----------|-----------------------------|-------|
| Disegno n°: | REV. | DATA | MODIFICHE | | FIRMA |
| Item n°: | Titolo/Title: P&I compression station | | | | |
| Scala/ scale: | Commessa/Job : W90-003 | | | | |
| Formato : A3 | Disegnatore : | Data : | Firma : | Sostituisce il/ Replaces: | |
| | M.Sartirano | 06/06/06 | | | |
| | Verificatore : | Data : | Firma : | Sostituito da/ Replaced by: | |
| | M.Galletta | 08/06/06 | | | |
| | Approvatore : | Data : | Firma : | Tavola/Sheet: 1/1 | |
| | P.Abellonio | 08/06/06 | | | |

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