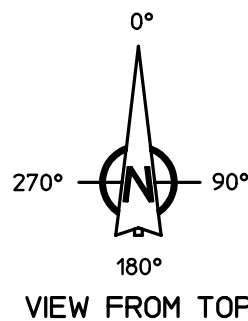
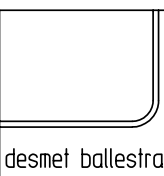






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| | | | | | | | | | | | | | |
|--|----------|---------------------------|--|------------------------------|------|---|---------------------------|-----------------------------------|---|-------|--------|----------------|--|
|  | | ITEM 77AB1 | | CUSTOMER | | | | DWG. 1E35 . 35 . 083-1 | | | | | |
| | | N°REQUIRED 1 | | PULSATION DAMPENER | | | | FLOW SHEET 1E35 . 10 . 011 | | | | | |
| | | | | PLANT SLS drying unit | | JOB 1E35 | | SHEET 1 OF 1 | | | | | |
| Rev. | Date | Drawn | Description | | | | | | | | | | |
| 0 | 11.11.09 | G.R. | ISSUED FOR CONSTRUCTION | | | | | | | | | | |
| 1 | 05.02.10 | G.R. | MANOMETER CONNECTION DEFINED | | | | | | | | | | |
| 2 | 15.02.10 | G.R. | ORIENTATION DEFINED | | | | | | | | | | |
| 3 | 21.04.10 | G.R. | HEAT TREATMENT DELETED  | | | | | | | | | | |
| The master version of this document is stored as a digital file in a database - Approval process is digitally managed and no signature is visible on the document. | | | | | | | | | | | | | |
| NOZZLES | | | | | | | DESIGN DATA | | | SHELL | JACKET | COIL | |
| POS. | SIZE | RATING | N° | SERVICE | THK. | NOZZLES ORIENT. | OPERATING PRESSURE | Bar (g) | 120 | | | | |
| S1 | 1 1/2" | ASME 600# LWN - L.F. | 1 | SLURRY INLET | - |  | DESIGN PRESSURE | Bar (g) | 150 | | | | |
| S2 | 1/2" | ASME B1.20.1 NPT 3000# | 1 | STEAM INLET | 3,73 | 270° | HYDROSTATIC TEST PRESSURE | Bar (g) | 200 | | | | |
| S3 | Ø40 | AS DWG. | 1 | MANOMETER CONNECT. | - |  | PNEUMATIC TEST PRESSURE | Bar (g) | - | | | | |
| | | | | | | | OPERATING TEMPERATURE | °C | 65 | | | | |
| | | | | | | | DESIGN TEMPERATURE | °C | 85 | | | | |
| | | | | | | | FLUID/SPECIFIC WEIGHT | 1 Kg/dm3 | SLS PASTE | | | | |
| | | | | | | | HEAT EXCHANGE SURFACE | m2 | - | | | | |
| | | | | | | | HEAT TREATMENT | |  | | | | |
| | | | | | | | X-RAY TEST | | 100% | | | | |
| | | | | | | | PENETRATING LIQUIDS TEST | | - | | | | |
| | | | | | | | JOINT EFFICIENCY | | 1 | | | | |
| | | | | | | | CORROSION ALLOWANCE | mm | - | | | | |
| | | | | | | | GEOMETRIC CAPACITY | litri | 30 | | | | |
| INSPECTION INSTITUTE DESMET BALLESTRA S.p.A. | | | | | | | | | | | | | |
| CODE ASME SECT. VIII , div.1 | | | | | | | | | | | | | |
| WEIGHTS | | | | | | | | | | | | | |
| | | | | | | | EMPTY 110~ Kg | OPERATING 160~ Kg | | | | | |
| | | | | | | | WITH STIRRER _____ Kg | WATER FILLED 140~ Kg | | | | | |
| STD. DETAILS | | | | | | | | ENCLOSED DWG. | | | | | |
| BRACKETS POSITION | | | | | 90° | BRACKETS SUPPORT | | | ST. 44154/1 | | | | |
| | | | | | 270° | PAINTING | | | SB-ATI-SP002/1 | | | | |
| NAME PLATE POSITION | | | | | 180° | NAME PL. HOLDER | | | ST. 0377/1 | | | | |
| MATERIALS | | | | | | | | NAME PLATE | | | | SB-PRS-00120/1 | |
| SHELL | | | | A 312 Tp.304 | | | | WELDING BEVEL | | | | SP. 1344/0 | |
| CAPS | | | | A 403 WP 304 | | | | GENERAL NOTES | | | | SB-PRS-SP001/0 | |
| FLANGES | | | | A 182 F 304 | | | | | | | | | |
| NOZZLES | | | | A 312 Tp.304 | | | | | | | | | |
| NAME PL. HOLDER | | | | A 240 - 304 | | | | | | | | | |
| STUD BOLTS | | | | A 193 B7 | | | | | | | | | |
| HEAVY HEX. NUTS | | | | A 194 2H | | | | | | | | | |
| GASKETS | | | | SEE SP. 1444/1 | | | | | | | | | |
| BRACKETS SUPPORT | | | | A 283 C | | | | | | | | | |
| INSULATION : 50 mm. (1,2 m2) | | | | | | | | | | | | | |
| NOTE : ON SITE EXTERNAL TRACING BY SOFT COPPER Ø12x1 - COIL N° 16 TURNS PITCH 80 mm | | | | | | | | | | | | | |
| RIF. 2C77.35.107 | | | | | | | | | | | | | |