

Units bars Design Code Division 1

General Input

Element Data

|                              |             |
|------------------------------|-------------|
| Element Description          | SHELL       |
| From Node                    | 20          |
| To Node                      | 30          |
| Element Type                 | Cylindrical |
| Diameter Basis               | ID          |
| Inside Diameter, mm.         | 1800        |
| Cylinder Length, mm.         | 4900        |
| Finished Thickness, mm.      | 10          |
| Nominal Thickness, mm.       | 10          |
| Internal Corrosion Allowanc  | 3           |
| External Corrosion Allowanc  | 0           |
| Wind Diameter Multiplier     | 1.2         |
| Material Name                | SA-516 70   |
| Longitudinal Seam Efficiency | 0.85        |
| Circumferential Seam Effice  | 0.85        |
| Internal Pressure, bars      | 0.4         |
| Temperature for Internal Pr  | 84          |
| External Pressure, bars      | 0           |
| Temperature for External Pr  | 0           |

Additional Element Data

HOOPS Error

Error message (50/309) from HOOPS routine 'Define Alias' which was called from 'Hoops Startup (internal)' - which was called from 'Define\_System\_Options' -  
Error parsing '?driver/msw/window0'  
Illegal character found - try more quote marks?

Suppress further errors

OK

Datum

mm. 0 1000 2000 3000 4000 5000

Design Code Division 1

Units bars

hp

Design Code Division 1

Go

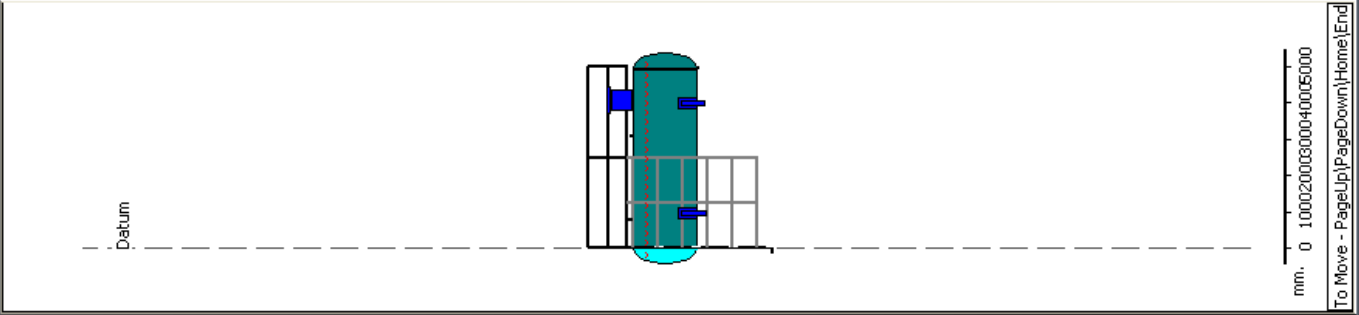
| Size     | T |
|----------|---|
| 1,043 KB | A |
| 4,079 KB | A |
| 4,076 KB | B |
| 47 KB    | P |
| 53 KB    | P |

options

Open Cancel

esel Tank 5K-T-0001 GMMOS calculation ch

Elite Files (\*.pvi)



General Input

| Element Data                    |                      |
|---------------------------------|----------------------|
| Element Description             | ELLIPTICAL HEAD-LEFT |
| From Node                       | 10                   |
| To Node                         | 20                   |
| Element Type                    | Elliptical           |
| Diameter Basis                  | ID                   |
| Inside Diameter, mm.            | 1800                 |
| Straight Flange Length, mm.     | 50                   |
| Finished Thickness, mm.         | 8                    |
| Nominal Thickness, mm.          | 10                   |
| Internal Corrosion Allowance, n | 3                    |
| External Corrosion Allowance, r | 0                    |
| Wind Diameter Multiplier        | 1.2                  |
| Material Name                   | SA-516 70            |
| Longitudinal Seam Efficiency    | 1                    |
| Circumferential Seam Efficiency | 1                    |
| Internal Pressure, bars         | 0.4                  |
| Temperature for Internal Press. | 84                   |
| External Pressure, bars         | 0                    |
| Temperature for External Press  | 0                    |
| Additional Element Data         |                      |
| Head Factor                     | 2                    |
| Inside Head Depth, mm.          | 450                  |
| Sump Head                       |                      |
| Parent Nozzle                   |                      |

General Input Design Constraints Load Cases Wind Data