

# Flowhead

## – Surface Test Tree

Flowhead, is located at the top of testing string to control the flow of fluid from the well and is the first piece of surface test equipment. It consist of four gate valves; one master valve, two wing valves (flowline & kill line), and one swab valve. A swivel below the main block of flowhead allows drill stem to rotate freely, while the test tree remains stationary. And there is another type which mater valve below swivel.

### APPLICATION

- Onshore operation
- Pre-completion testing
- Drill Stem Testing
- Well Cleanup



### FEATURES & BENEEFITS

- Support the weight of test string
- Protection frame on main block improves durability
- Flapper or dart check valve is set on inlet of killing line
- Master valve can be located below swivel or integrated in main block

## Main Specification

| Model                  | FLH-80-35                           | FLH -78-70    | FLH -78-105   | FLH-103-70    |
|------------------------|-------------------------------------|---------------|---------------|---------------|
| <b>Service</b>         | Oil & Gas, H <sub>2</sub> S Service |               |               | Sweet Service |
| <b>W. P(psi)</b>       | 5000                                | 10,000        | 15,000        | 10,000        |
| <b>Bore Size</b>       | 3 - 1/8"                            | 3 - 1/16"     | 3 - 1/16"     | 4-1/16"       |
| <b>Load Capacity</b>   | 490,000 lb                          |               |               |               |
| <b>Flow Line</b>       | 3" Fig 602 M                        | 3" Fig 1502 M | 3" Fig 2202 M | 4" Fig 1002 M |
| <b>Kill Line</b>       | 3" Fig 602 F                        | 3" Fig 1502 F | 3" Fig 2202 F | 4" Fig 1002 F |
| <b>Top</b>             | 5-3/4" - 4 Stub Acme Box            |               |               |               |
| <b>Bottom</b>          | 4-1/2" IF Pin                       |               |               |               |
| <b>Kill Line Check</b> | Dart or flipper type                |               |               |               |
| <b>Design Codes</b>    | API 6A (PR1, PSL3)                  |               |               |               |
|                        | NACE MR0175                         |               |               |               |
|                        | Temperature Class: PU               |               |               |               |
|                        | Material Class: EE                  |               |               |               |
|                        | DNV 2.7.1                           |               |               |               |

## Options

other sizes and specification available on request

if there is request, please contact with our sales people ([contact@shsenoil.com](mailto:contact@shsenoil.com)).