

Model: DNS-2"-TF-AS-BSP-LNS-SAV



| SIZE      | OPERATING PRESSURE | MODEL NUMBER             | OPERATING TEMPERATURE | HEIGHT | END CONNECTION |
|-----------|--------------------|--------------------------|-----------------------|--------|----------------|
| 50MM (2") | PN16 – 1600kpa     | DNS-2"-TF-AS-BSP-LNS-SAV | 60 °C                 | 450MM  | BSP FEMALE     |

## SPECIFICATIONS:

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| MODEL NUMBER:                        | DNS-2"-TF-AS-BSP-LNS-SAV              |
| SIZE RANGE:                          | 50MM (2")                             |
| PRESSURE RATING:                     | 25BAR                                 |
| WORKING PRESSURE:                    | 0.1BAR                                |
| OPERATING TEMPERATURE:               | 60 DEGREES CELSIUS                    |
| KINETIC ORIFICE:                     | 50MM ( 1962MM <sup>2</sup> )          |
| AUTOMATIC ORIFICE:                   | 1.8MM ( 2.5MM <sup>2</sup> )          |
| END CONNECTION:                      | 50MM BSP THREADED FEMALE              |
|                                      |                                       |
| <b>MATERIAL SPECIFICATIONS</b>       |                                       |
| BODY:                                | UV STABILIZED NYLON                   |
| FLOATS:                              | HIGH DENSITY POLYETHYLENE             |
| SEALS:                               | EPDM / NITRILE                        |
| AUTOMATIC ORIFICE:                   | 316 STAINLESS STEEL                   |
| EXTERNAL NUTS, BOLTS, WASHERS:       | 304 STAINLESS STEEL                   |
| LOWER FLOAT SUPPORT:                 | 304 STAINLESS STEEL                   |
| INTERNAL GUIDE STUDS, NUTS, WASHERS: | 304 STAINLESS STEEL                   |
| OPTIONAL:                            | ¼" BSP BLEEDPORT                      |
|                                      |                                       |
| <b>FACTORY TESTING:</b>              | HYDRO STATIC – 1.5 X WORKING PRESSURE |
|                                      | 0.1BAR LOW PRESSURE SEALING           |
|                                      | AUTOMATIC ORIFICE OPERATION           |
|                                      |                                       |

## Added Options

DNS-80R-TF-AS-PN16-LNS-SAV



DNS-2"-TF-AS-BSP-LNS-SAV



DNS-80R-TF-PN16-BGV-LNS-SAV



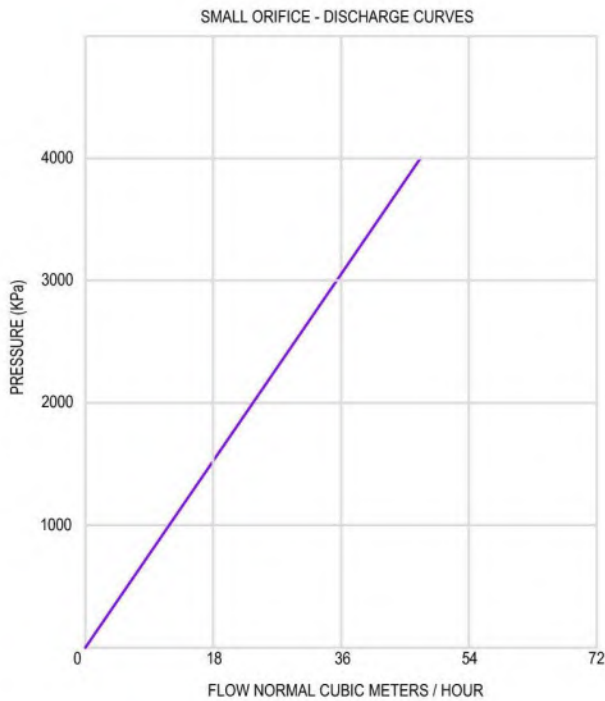
DNS-80R-TF-PN16-BV-LNS-SAV



#### SMALL ORIFICE DISCHARGE CAPACITY - VARIANT AIR VALVES

##### PRESSURIZED AIR RELEASE:

During normal operating conditions, air accumulates in the air valves, located at the high points along the pipeline. Once sufficient air has collected in the valve, the automatic float drops, allowing the air to escape to atmosphere through the small orifice.



#### VACUUM BREAK CAPACITY - VARIANT AIR VALVES

During isolation or when a pipeline ruptures, it is imperative that the pipeline is protected from damaging negative pressures. Variant air valves provide a full bore, unimpeded flow path that maximises the valve's air intake capacity. The rapid inflow of air effectively prevents detrimental vacuum conditions.

