BALDER-B
FIXED MONITOR

Document Balder b fixed / Ver 1:1

FEATURES

- *Compact*
- *High flow rates (4.500 lpm)*
- *Usable with river and sea water*
- *Runs with water or foam*
- *Low maintenance*
- *Low pressure drop*
- *Flange 4” inlet*
- *Works where vibrations occur*
- *Self draining valve*

Application

Balder should be used where large flows of water or foam, together with a space saving design is needed such as:

- Petrochemical plants
- Tank farms
- Loading areas
- Chemical plants
- LNG/LPG production units
- Offshore platforms

Recommended Foam

- Fluoroprotein 3% or 6%
- Protein 3% or 6%
- FFFP 3% or 6%
- AR-FFFP 3x6 or 3x3
- AFFF 1%, 3% or 6%
- AR-AFFF 3x6 or 3x3
- Multi purpose foam

Swivel designed also to work under the impact of vibrations.

Balder is a 2½” monitor for use in connection with fixed installations, Balder is fitted with a 4” flange (DN 100).

The pipes are casted in bronze. Parts which are vital for the correct functions, such as swivels are in stainless steel. Innovative piping technology minimises turbulence and frictional pressure losses. The swivels are constructed to have an optimised function in environments with a lot of vibrations e.g. onboard ships.

Technical data

Max. water flow	**4,500 lpm**
Elevation	**-60° - +80°**
Inlet	**4” Flange (DN100)**
Water outlet	**2½” BSP FM thread**
Material	**Bronze**
Length, including lever	**540 mm**
Height, including lever	**480 mm**
Width	**310 mm**
Weight	**16.7 kg**
Part no.	**20-3200-10**

Accessories

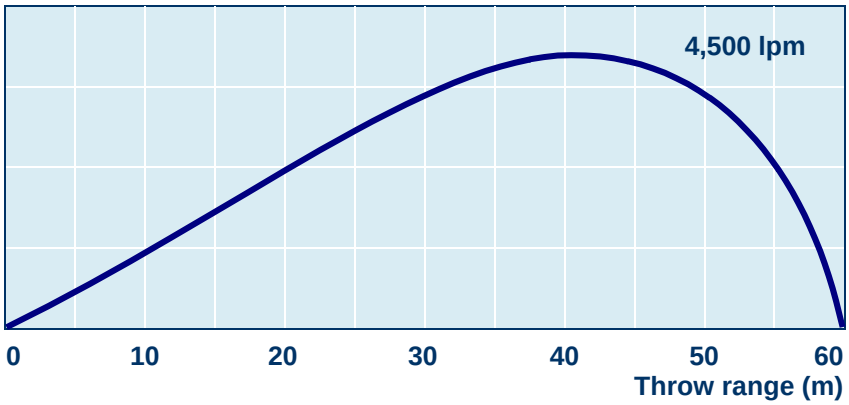
- Freja nozzles 500, 1,000, 1,500, 2,000 and 2,500 lpm
- Idun nozzles 3,000, 3,500, 4,000 and 4,500 lpm
- Frigg aspirated foam branch pipe in stainless steel up to 4,000 lpm
- As above with self-induction

For further information see our nozzle data sheets.

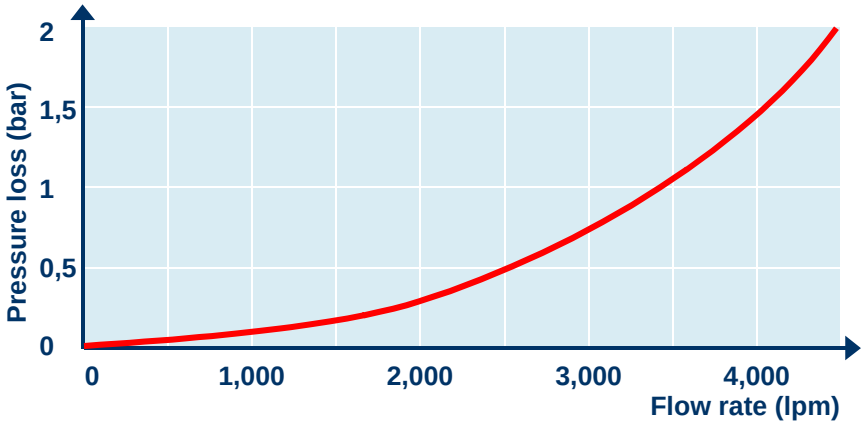
Operation

Balder is delivered with a 4” flange DN 100 PN 16 .The lever should be used to direct the flow onto the fire. The monitor could also be fixed in certain positions, which can be changed during operation.

Throw range with water and Idun nozzle at 8 bar



Pressure loss



Quality Control and tests

Balder are manufactured according to the draft European Standard EN-13565-1, and CE marked.