

Monitors

Warden 4073 Manual Monitor



Description

The Warden 4073 is a 100mm manual monitor made from cast bronze (LG2, C83600). The monitor is hand wheel operated. The hand wheels lock the monitor in position when not in use.

Specifications

Maximum Recommended Flow:	7,500 lpm
Horizontal Rotation:	360°
Vertical Movement:	-75° + 90°
Inlet Connection:	Flanged
Outlet Connection:	80mm BSP Male
Weight (approx):	44 kg

Design Features

To ensure maximum monitor availability for many years this monitor incorporates some key design features:

- Fully enclosed swivels
- Metal balls for swivel races
- All external parts are bronze, brass or stainless steel. No external aluminium or steel components are used, thus minimising any possible corrosion problems.

ORION FIRE ENGINEERING PTY LIMITED

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Essential to all Warden designs is a clean waterway with no obstructions. This keeps friction losses low as well as minimizes the risk of blockages. Orion monitors have removable nozzles which facilitates rapid clearing of obstructions and more flexible deployment of monitors.

Materials of Construction

Waterway:	Bronze (C83600) or Aluminium Bronze (C95800)
Swivels:	Bronze (C83600) or Aluminium Bronze (C95800)
Inlet Flange:	Bronze (C83600) or Aluminium Bronze (C95800)
Balls:	Brass
Grease Nipples:	316 Stainless Steel
Fasteners:	316 Stainless Steel

Operation

The monitor swivel locks are loosened allowing the monitor to be directed in the desired direction. The swivel locks can be re-engaged to leave the monitor in one position.

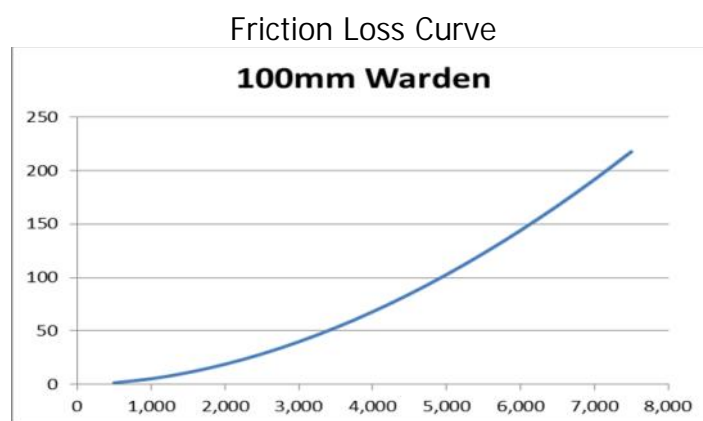
The standard monitor has a design pressure of 16 Bar. With Class 300 flanges the maximum working pressure is 20 Bar.

Connections

Inlet: 100mm flat-face flange bronze flanges, multi-standard or ASME Class 150 raised face stainless steel flange.
Multi-standard flanges are used for Table E and ASME Class 150 FF connections.

Outlet: 80mm BSP, optional 100mm for high performance

Performance Data



Options

These monitors can also be manufactured in a range of alternative bronze alloys including nickel aluminium bronze.

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