

Monitors

Water Oscillating Warden Model 3534

Description

The Warden model 3534 is an 80mm water oscillating monitor designed specifically for offshore applications. It is based on our Series 3 WARDEN water way. The Model 3534 has a friction swivel lock and a Pelton turbine oscillating unit.



All metal components which are exposed to water / foam solution or the atmosphere are made from stainless steel, bronze or copper. The arc of movement is 120 degrees (maximum) and is fully adjustable down to 30 degrees. The movement speed is also adjustable. There are no aluminium parts in the unit.

The operating pressure range for these units is 400 kPa to 1,500 kPa. The maximum recommended flow is 4,500 lpm.

Waste water discharge is controlled and may be directed away using a 50mm hose.

Specifications

Height:	510mm
Width:	480mm
Depth:	350mm + handle & nozzle
Nozzle Height:	405mm

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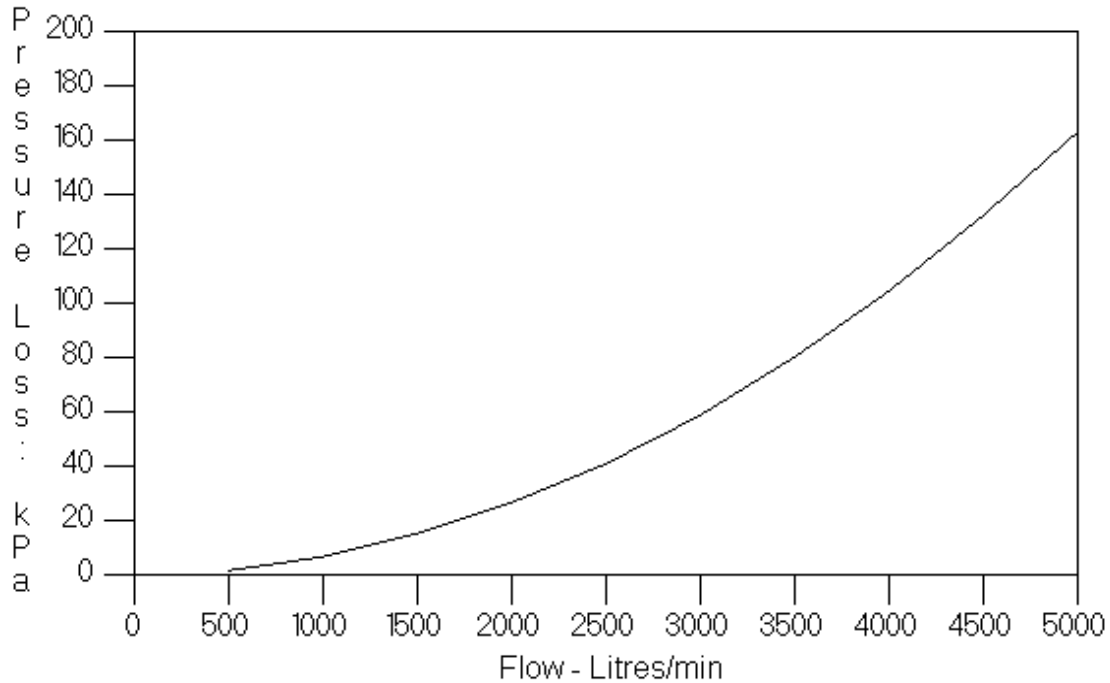
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Performance Data



Operating Pressures:	400 kPa - 1,500 kPa
Hydrostatic Test Pressure:	2,500 kPa
Flow Range:	up to 4,500 lpm
Elevation Adjustment:	-60° to +60° (standard)
Horizontal Sweep:	Adjustable from 30° to 120° (auto) 360 degrees on manual
Oscillating Speed:	Adjustable, 8 cycles/minute max
Oscillating Unit Water Consumption:	40 litres per minute (approx.)
Inlet Flange:	4" ANSI #150 FF
Outlet Connection:	80mm BSP Male
Weight:	38 kg (excluding nozzle)

Materials of Construction

Component	Material
Monitor water way	Bronze (LG2, C83600)
Inlet flange	Bronze (LG2, C83600) (FF)
Turbine impeller	Bronze
Nozzle	Bronze (LG2, C83600)
Turbine water supply	Stainless steel 316
Valves	Stainless steel 316
Gearbox	Bronze & stainless steel
Cover	Stainless steel

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