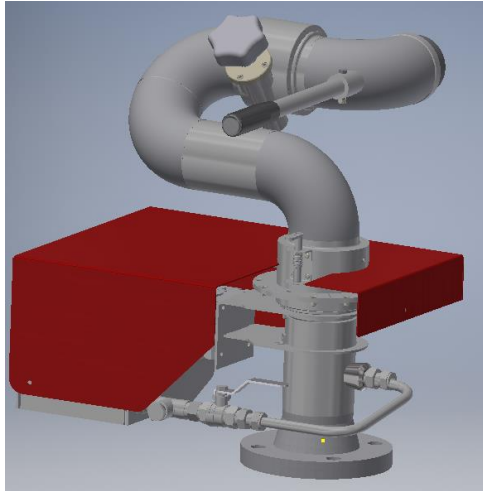


## Water Oscillating Monitor Commando Model 3A22

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### Description



The Commando model 3A22 is an 80mm water oscillating monitor designed specifically for industrial applications. It is based on our Commando water way. The Model 3A22 has a friction swivel lock and a Pelton turbine oscillating unit.

The material for the waterway can be any readily available grade of stainless steel or titanium. Standard is 316L.

All metal components which are exposed to water / foam solution are made from stainless steel or bronze. The arc of movement is 120 degrees (maximum) and is fully adjustable down to 30 degrees. The movement speed is also adjustable. The unit is designed for continuous operation so is well suited to mining washdown work as well as for long and reliable service for fire protection.

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

In general our stainless steel monitors are not painted but the cover is painted red.

### Specifications

Height:	750mm approx. (depends on handle position)
Width:	510mm
Depth:	390mm + handle & nozzle
Nozzle Height:	470mm (to centre line of nozzle)

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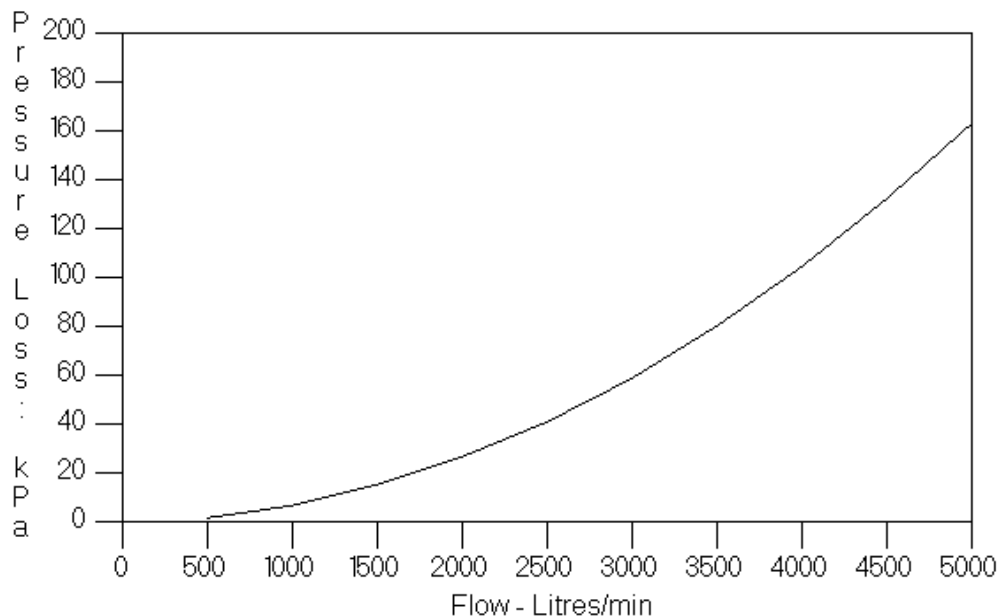
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## Performance Data



Operating Pressures:	400 kPa - 1,500 kPa
Hydrostatic Test Pressure:	2,400 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:	6-8 cycles/minute max
Oscillating Unit Water Consumption:	40 litres per minute (approx.)
Inlet Flange:	3" ANSI #150
Outlet Connection:	80mm BSP Male
Weight:	35 kg (excluding nozzle)

## Materials of Construction

Component	Material
Monitor water way	316SS
Inlet flange	316SS
Turbine impeller	Bronze
Nozzle	bronze
Turbine water supply	316SS
Valves	Stainless steel
Gearbox	Aluminium
Cover	Stainless steel 316

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