

Monitor Nozzles

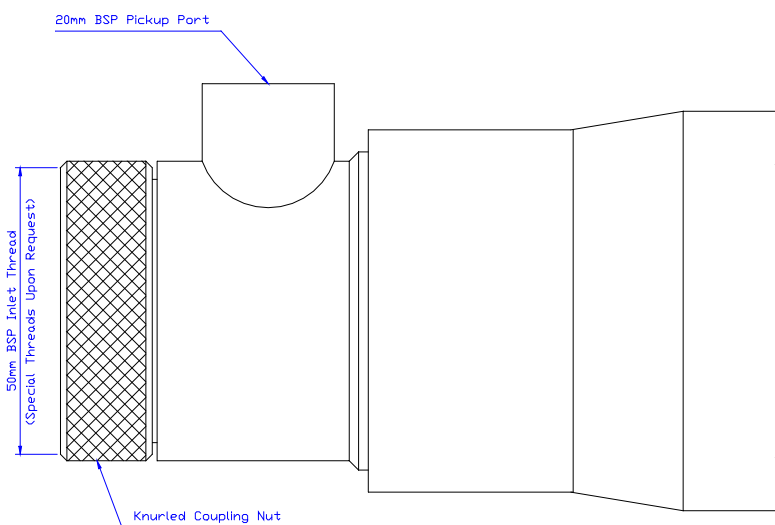


Fire Engineering
Pty Limited

Foam Lord 50mm Nozzle

Description

The nozzles in our Foam Lord range have a built in foam inductor which can be used to directly induct foam from a drum or tank, or can be used with our transfer proportioners to induct foam remotely from the nozzle (up to 60M away). The FLD-50, FLD-65 and FLD-80 nozzles are able to induct foam at 1%, 3% or 6% while the FLD-100 and FLD-150 can induct foam at rates up to 3%.



Flow & Proportioning Rates
Can Be Altered Upon Request.
Used For Flow Rates Between
600 – 1900 lpm
Proportioning Rates 1–6%

The Foam Lord nozzles are designed as dual purpose nozzles; they can be used as standard fog nozzle or as a foam nozzle. The superior performance of the Foam Lord nozzles makes them very performance competitive with standard fog nozzles due to our proprietary nozzle design.

Specifications

Flow Range:	600 – 1,900 lpm
Operating Pressure Range:	600 - 1400 kPa
Inlet Connection	50mm BSP Female
Foam Proportioning Rates	1%, 3% & 6% (up to 1000 lpm)

Materials of Construction

Nozzle components: Bronze
Grease Nipple: 316 Stainless Steel

ORION FIRE ENGINEERING PTY LIMITED

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Performance Data

1900 lpm Stem Flow Chart

		STRAIGHT STREAM	NARROW FOG	WIDE FOG
PRESSURE	FLOW (lpm)	THROW (M)	THROW (M)	THROW (M)
600 kPa	1760	48	28	14
700 kPa	1900	54	31	18
800 kPa	2030	56	32	20
900 kPa	2150	59	33	21
1000 kPa	2270	62	34	21

1600 lpm Stem Flow Chart

		STRAIGHT STREAM	NARROW FOG	WIDE FOG
PRESSURE	FLOW (lpm)	THROW (M)	THROW (M)	THROW (M)
500 kPa	1350	43	26	13
600 kPa	1480	47	28	14
700 kPa	1600	51	29	18
800 kPa	1710	55	31	20
900 kPa	1815	58	33	21
1000 kPa	1910	61	34	21

Options

Inlet Connection:	50mm BSP Male as Standard, 2" NHT optional.
Flows:	The Foam Lord Nozzle can be made to suit the customers' flow and pressure specification.
Materials:	Gunmetal (LG2) is standard.
Metering Valve:	A metering valve for with Off-3%-6% positions is available
Foam Shut-Off Valve	A ball valve can be fitted to the foam concentrate connection to allow the operator to isolate the foam concentrate supply.

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