

Application Devices

High Back Pressure Foam Makers



FIRE ENGINEERING
Pty Limited



HBM 65mm

Description

Our range of high back pressure foam makers are the best performing foam generators on the market. They are used for sub-surface foam systems and other applications where tolerance to high back pressures may be required from a foam generator. The HBM range of high back pressure foam makers feature exceptional back pressure tolerance.

Key features of the HBM range are:

- At inlet pressures above 700 kPa the maximum back pressure allowed is 50% of the inlet pressure.
- At pressures as from 400 kPa to 700 kPa the maximum allowed back pressure is 45% of the inlet pressure.
- Cover a wide range of flows in two basic sizes.
- Manufactured from high strength alloy, hard anodised for corrosion protection and is fitted with a stainless steel air inlet strainer. Each unit is fitted with a pressure gauge to monitor the inlet pressure.
- Available in bronze to special order or fabricated from stainless steel.
- Available with grooved or flanged connections to special order.

ORION FIRE ENGINEERING PTY LIMITED

ABN 80 002 538 696

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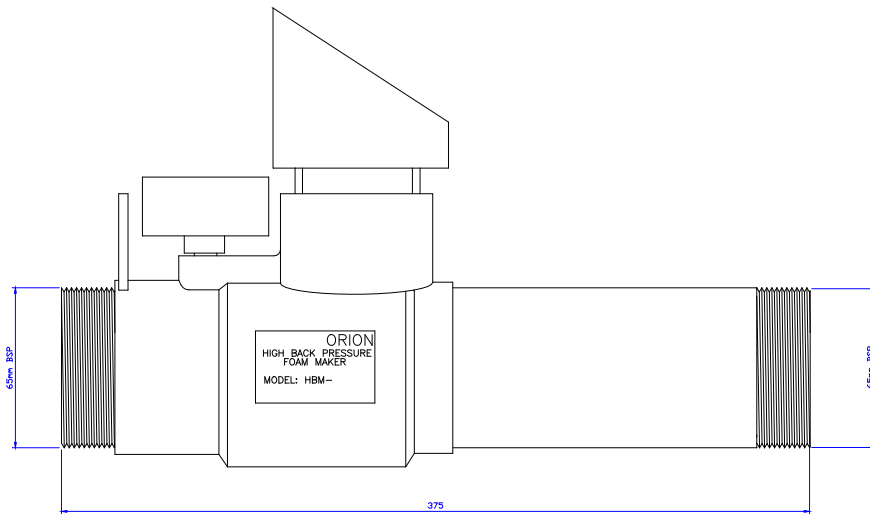
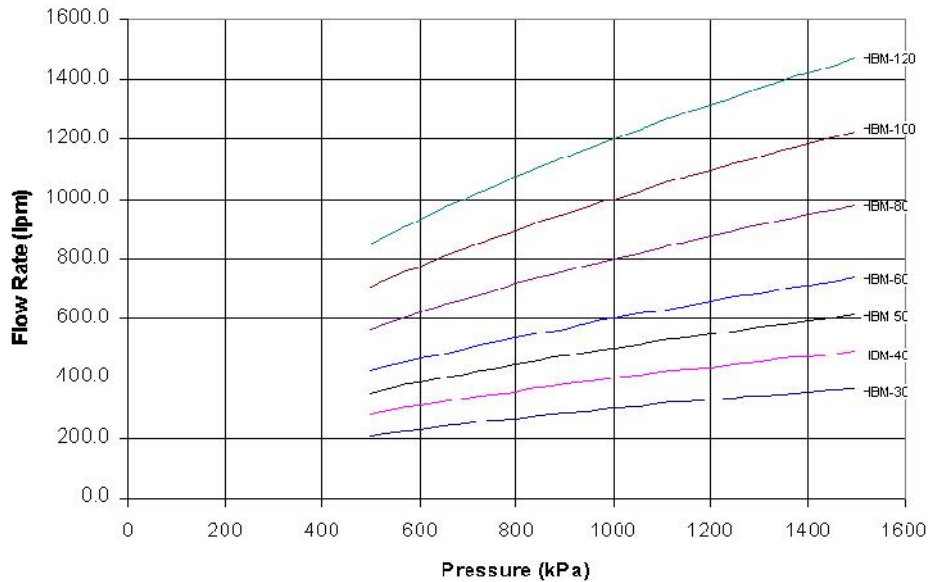
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HBM 65mm series

The 65mm size in the HBM product range is available in flow rates of up to 1200 lpm (at a nominal 1000 kPa inlet pressure). Standard models are shown on the following chart. Customised sizes are available on request.

HBM 65mm Series



	HBM-30	HBM-40	HBM-50	HBM-60	HBM-80	HBM-100	HBM-120
Flow Rate @500	212	283	354	424	566	707	848
Flow Rate @1000	300	400	500	600	800	1000	1200
Flow Rate @1500	367	490	612	735	980	1225	1470
Inlet Connection	65mm BSPM						
Outlet	65mm BSPM						
Length	375mm						

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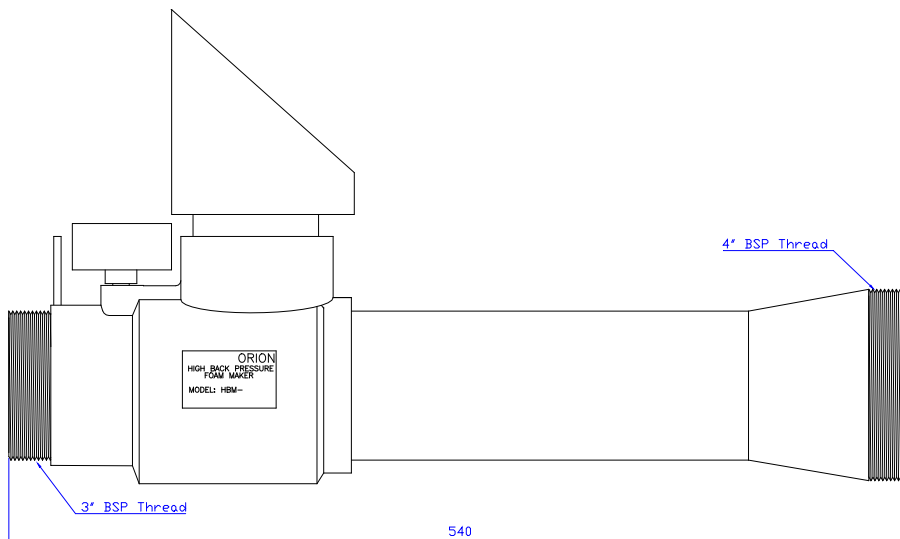
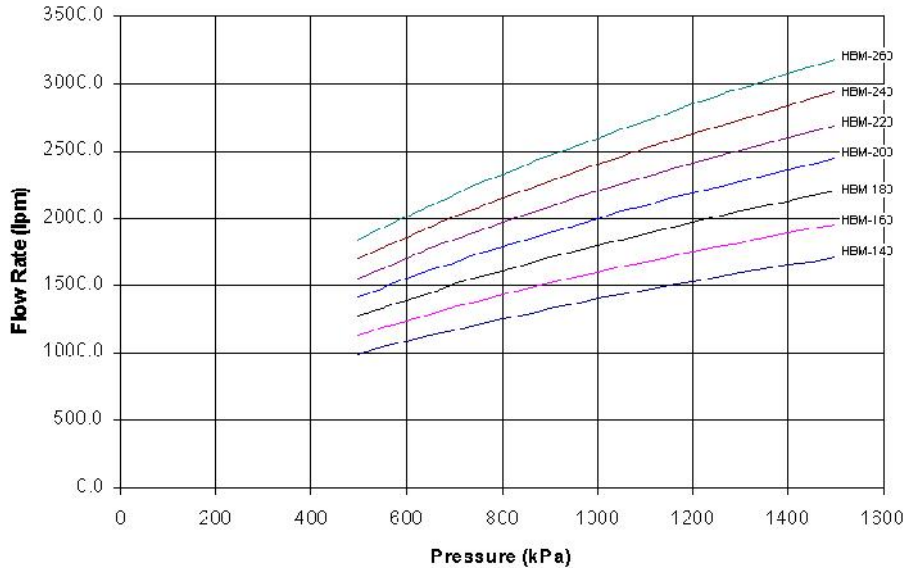
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HBM 80mm Series

The 80mm size in the HBM product range has an 80mm BSP inlet thread and 100mm outlet thread and is available in flow rates of 1400 lpm to 2600 lpm (at a nominal 1000 kPa inlet pressure). Standard models are shown on the following chart. Customised sizes are available on request.

HBM 80mm Series



	HBM-140	HBM-160	HBM-180	HBM-200	HBM-220	HBM-240	HBM-260
Flow Rate @500	990	1131	1272	1414	1556	1697	1839
Flow Rate @1000	1400	1600	1800	2000	2200	2400	2600
Flow Rate @1500	1715	1960	2205	2450	2695	2940	3185
Inlet Connection	80mm BSPM						
Outlet	100mm BSPM						
Length	540mm						

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