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Product Bulletin

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Hale Midship Pump Revised Relief Valve Options

To meet our customer's needs Hale has maintained several ranges of relief valve systems. While a governor can be used in many applications, the pump pressure relief valve is preferred by many Fire Departments. There are different capacity ranges for each relief valve. The QD relief valve can be used on pumps up to 1250 gpm or 5000 LPM. The QG relief valve or TPM system is available on all midship pumps from 1000 up to 1750 gpm and the TPM is the only relief valve system for midship pumps rated at 2000 and 2250 gpm.

The QD relief valve was rated to 1500 gpm, but its performance, while reliable over many years, does not provide enough reserve in today's higher flow pumps equipped with LDH inlet and outlet connections. Pump orders for 1500 gpm midship pumps with a QD relief valve received by the end of 2005 will be converted to a QG relief valve at no charge. Updated 2005 order sheets that show the appropriate relief valve flow ranges have already been sent to OEMs and dealers. Additional copies are available by calling Hale Customer Service at 610-825-6300.

The QD and QG relief valve use the same PM control on the panel, however the QG requires a bleed line back to the booster tank similar to a TPM while the QD does this recirculation in side the pump. Cross-sections of the QD and QG relief valve are attached.

Gary Handwerk
Pump Product Manager

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