



FLOW CHARTS



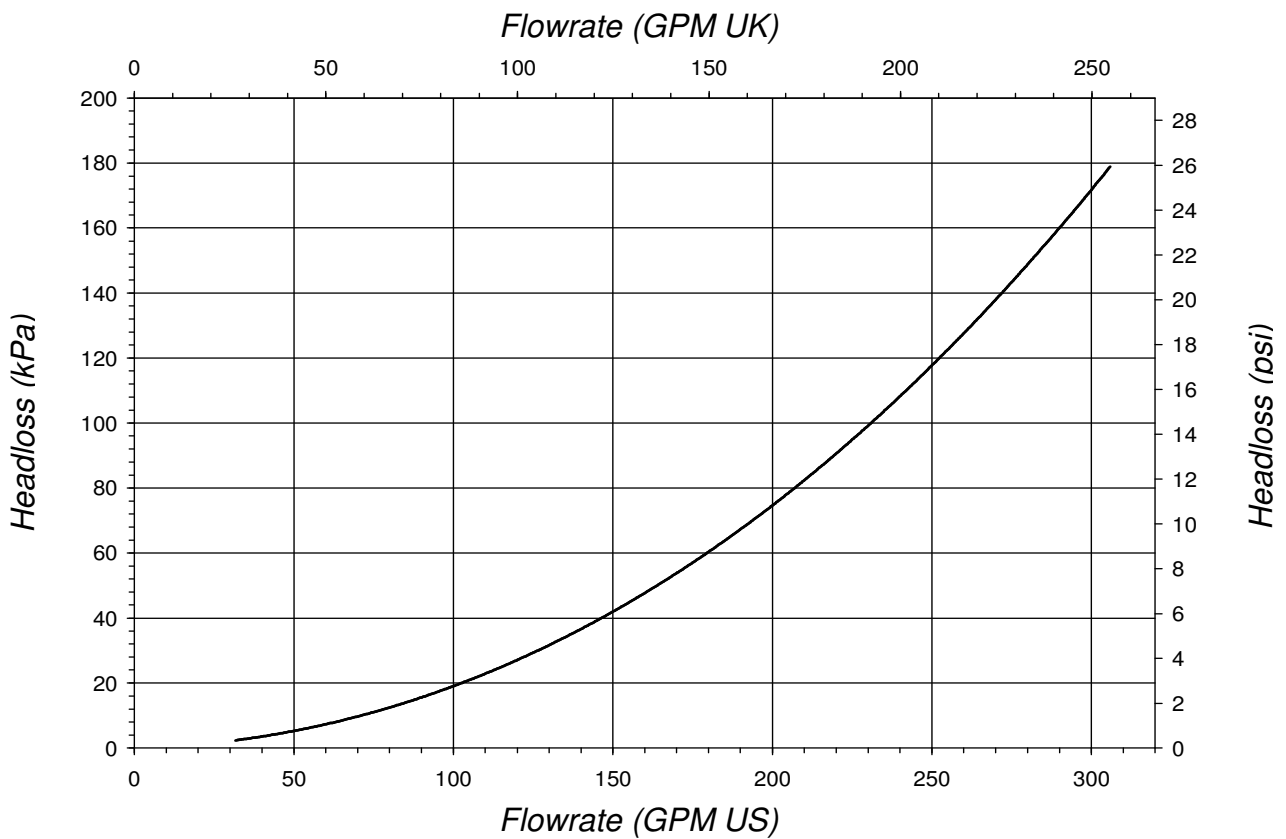
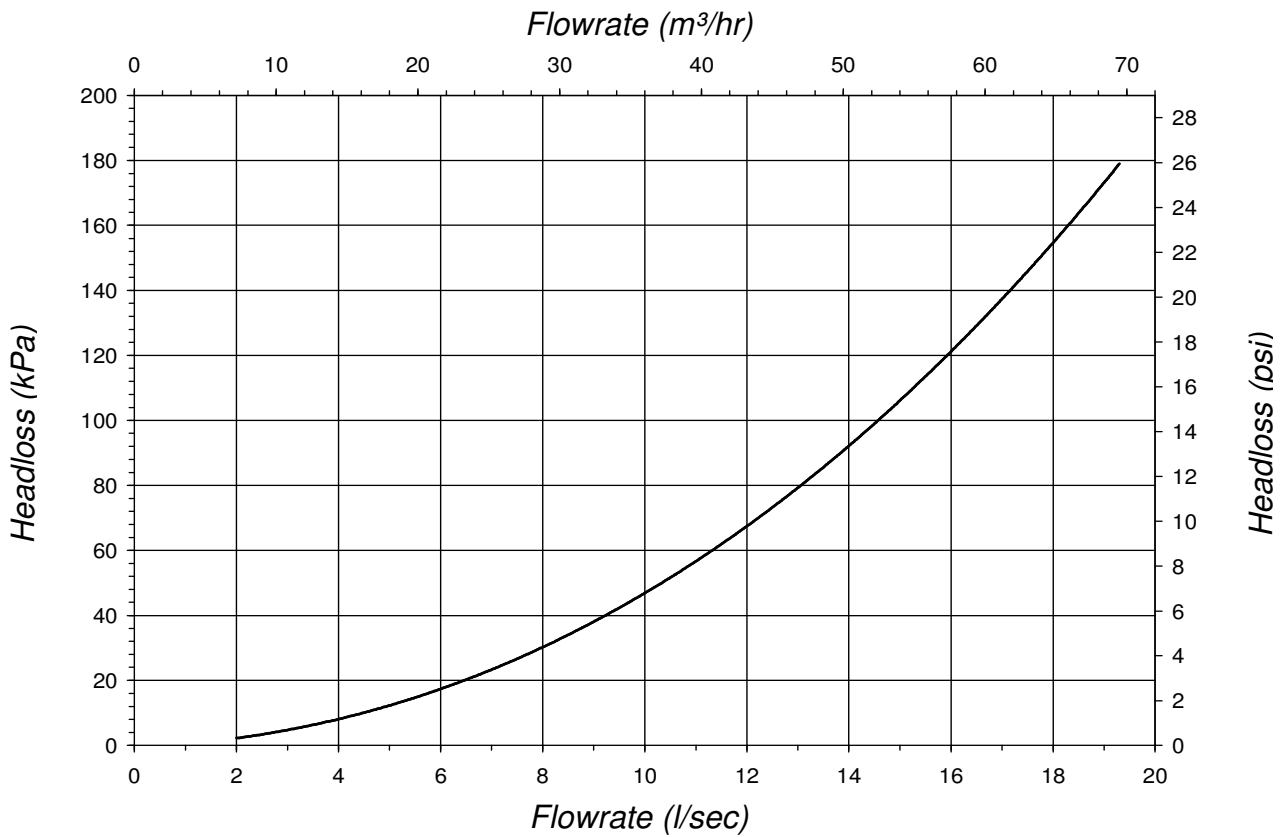
FLOW CHARTS

Ver.1

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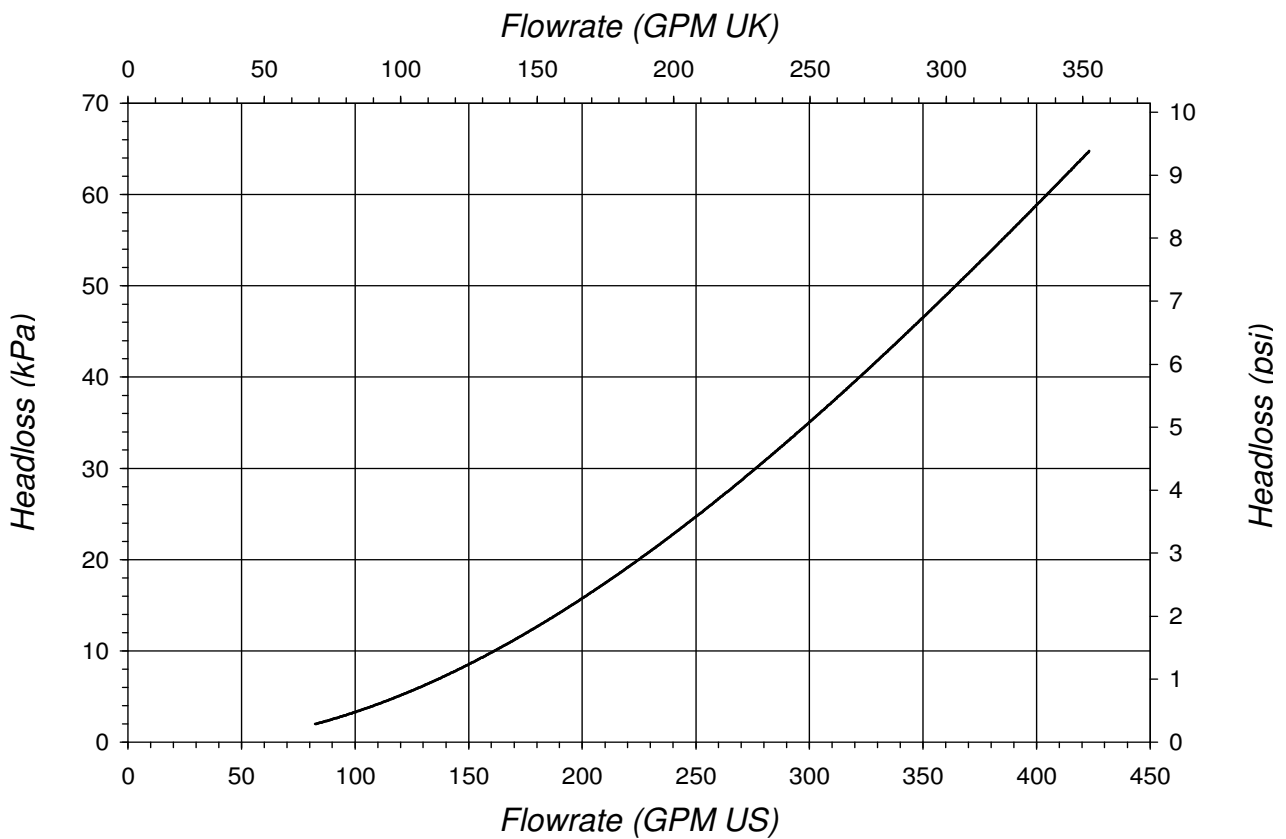
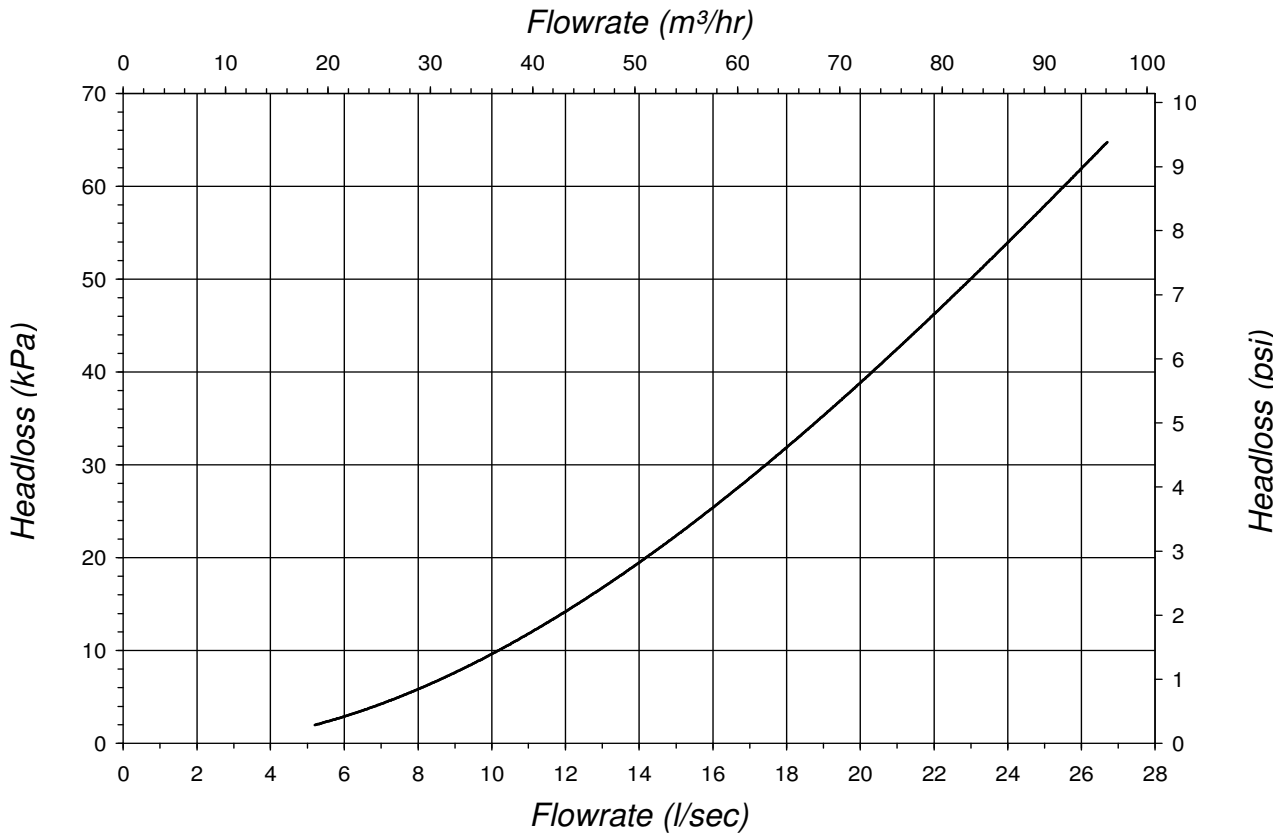
40mm Threaded Bronze Valves

AITC Report # 2369611-0501



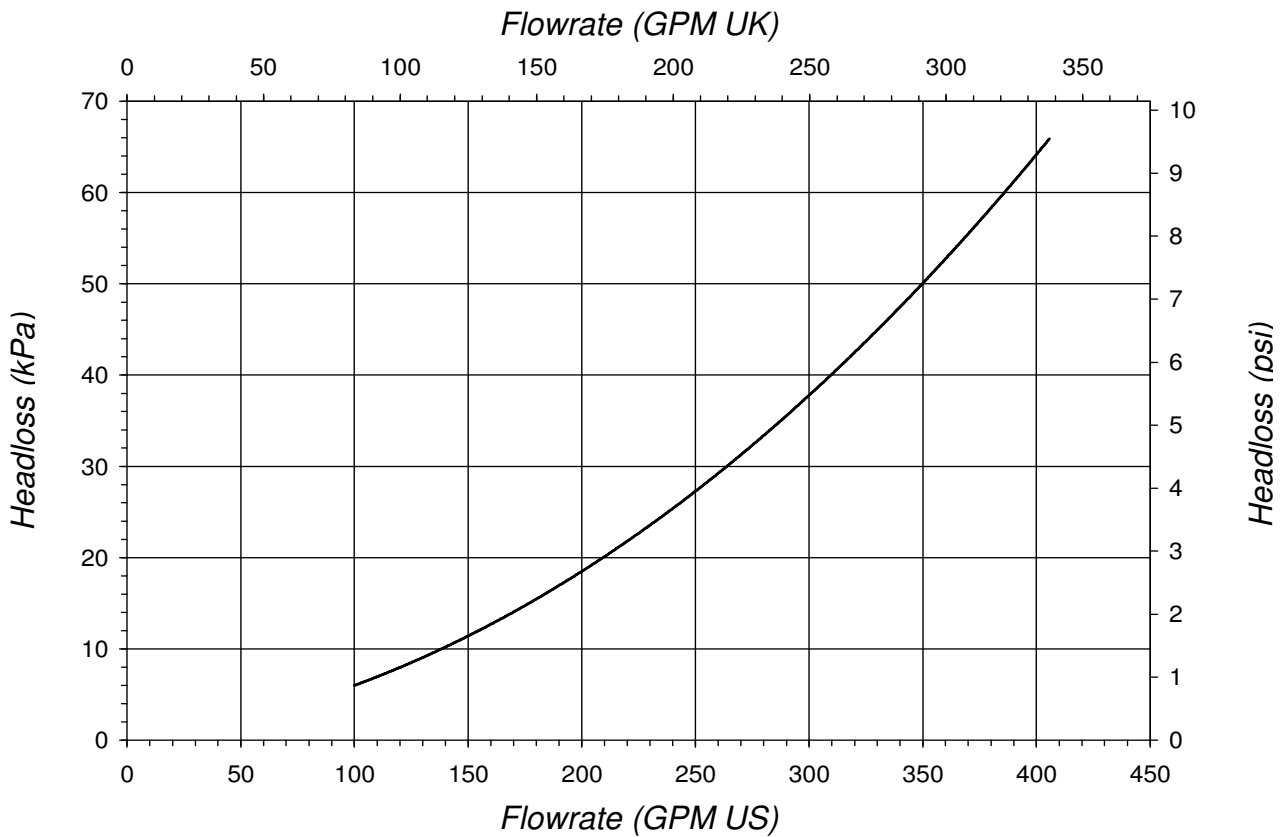
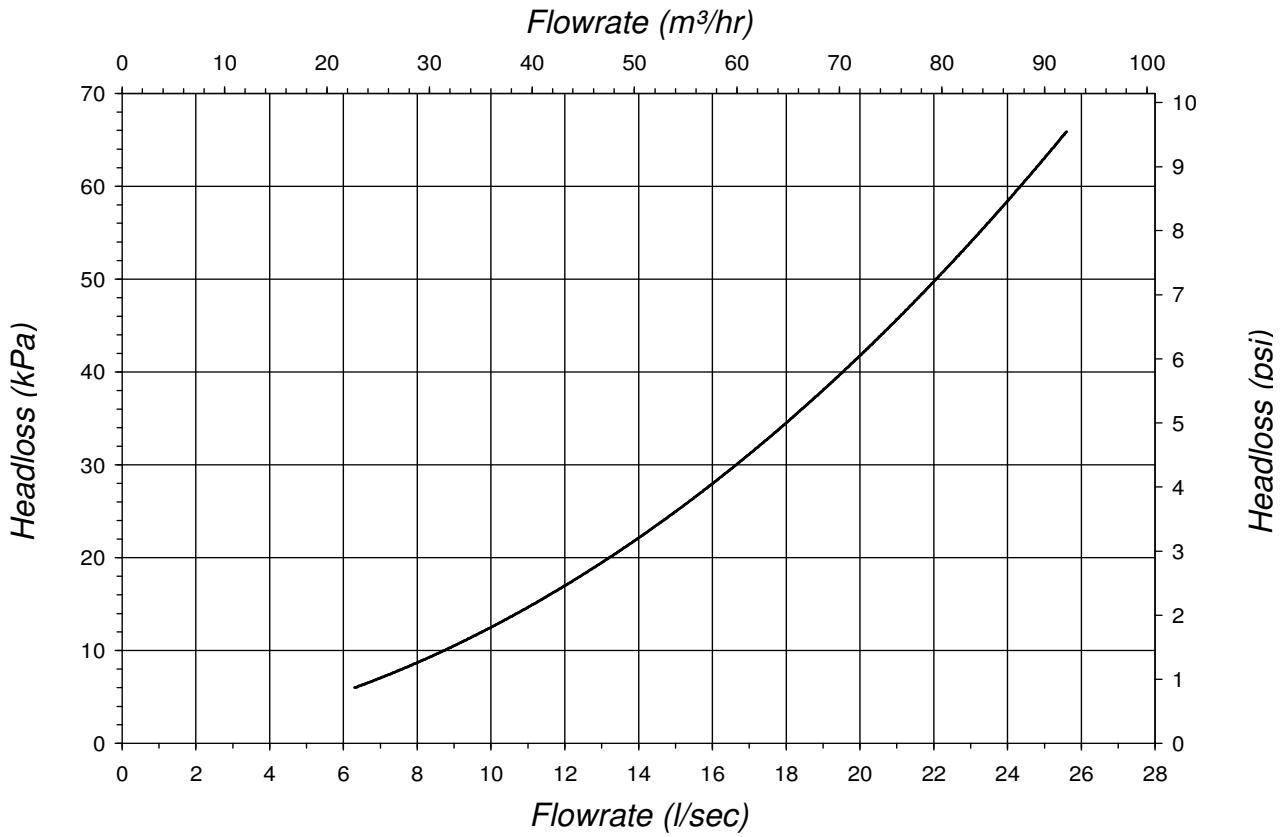
50mm Threaded & Flanged Bronze Valves

AITC Report # 00013



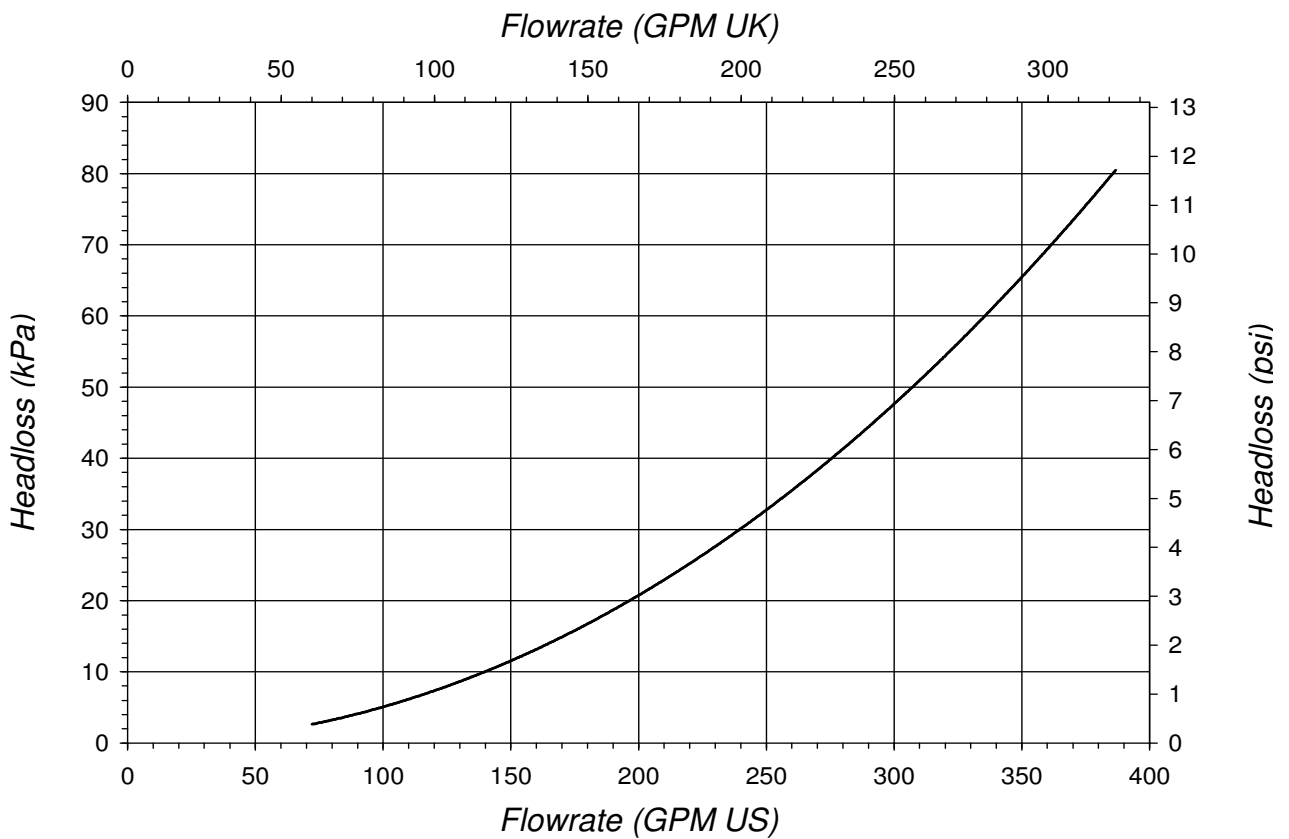
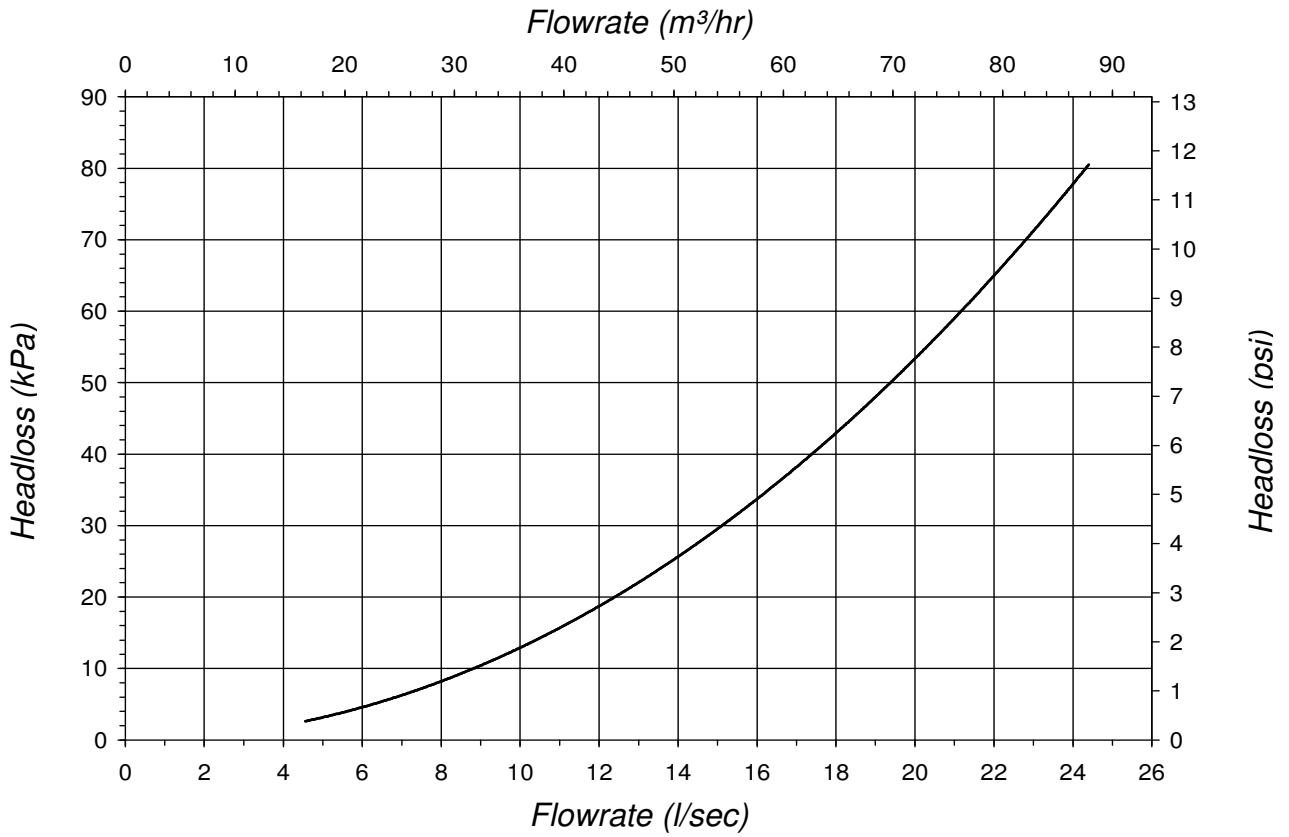
50mm Drop-In Bronze Valve

AITC Report # A908



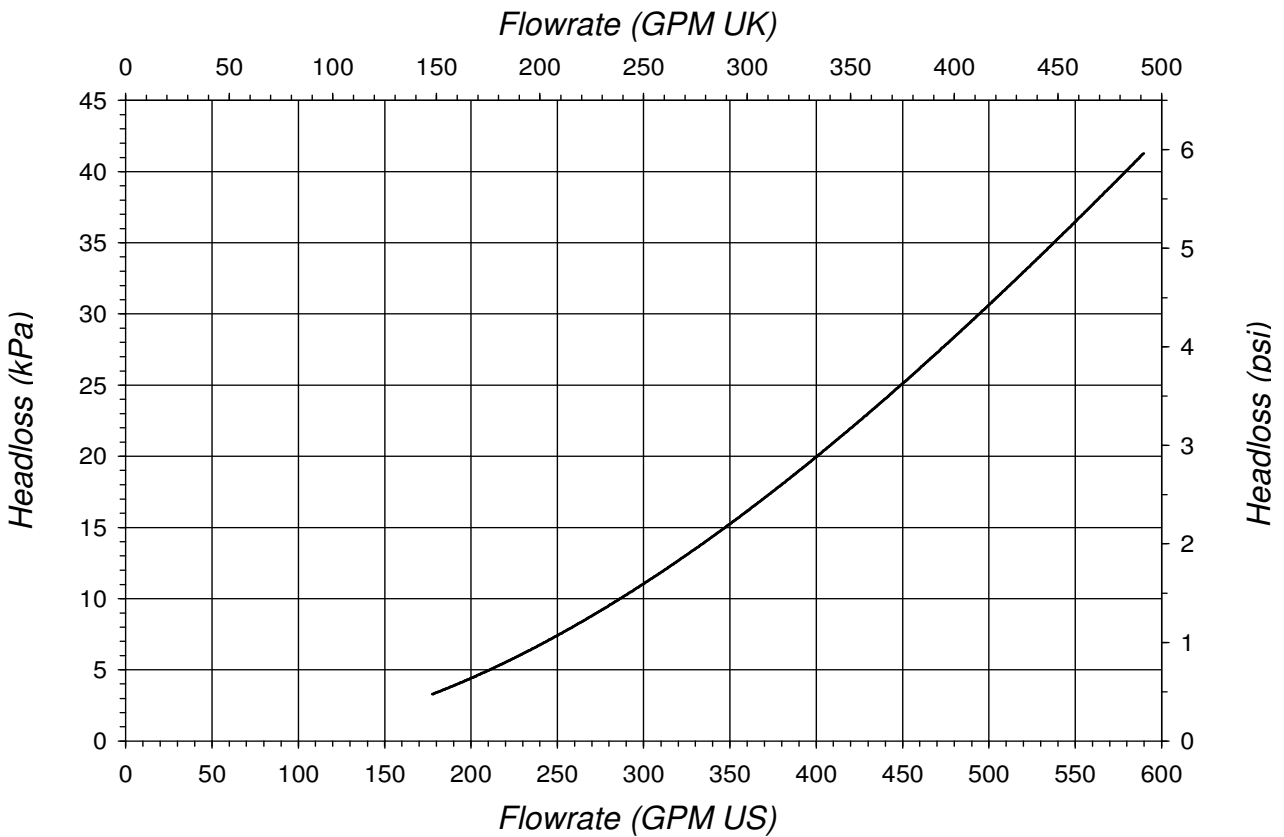
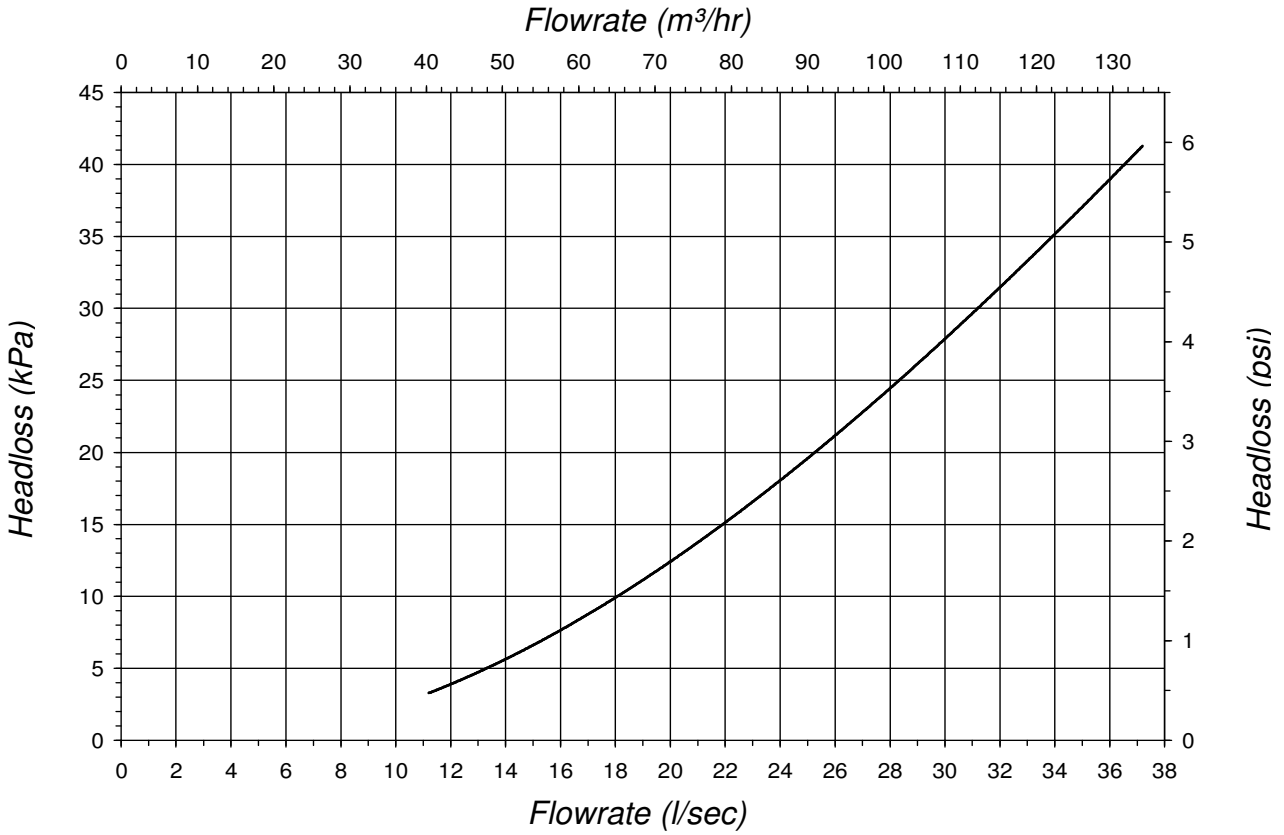
50mm Threaded Bronze Angle Valve

AITC Report # A93054



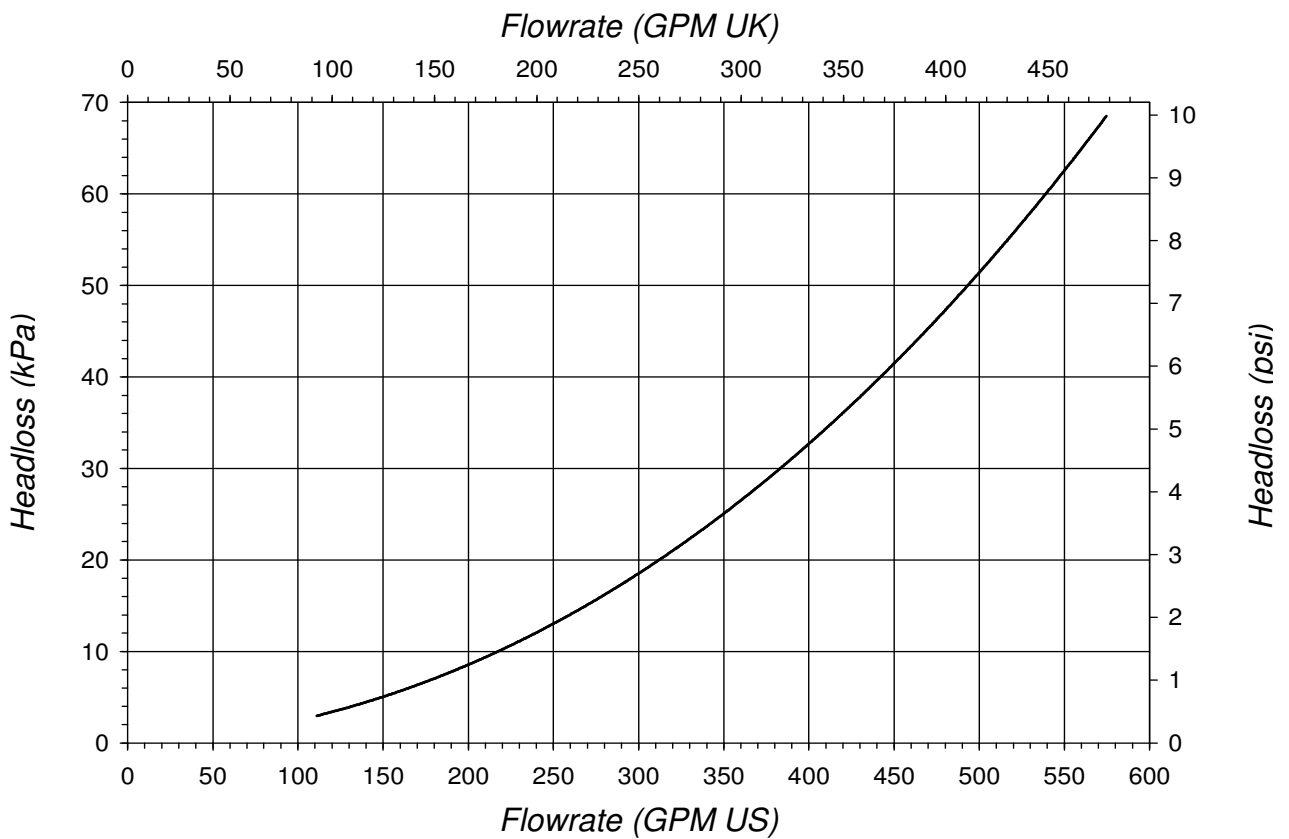
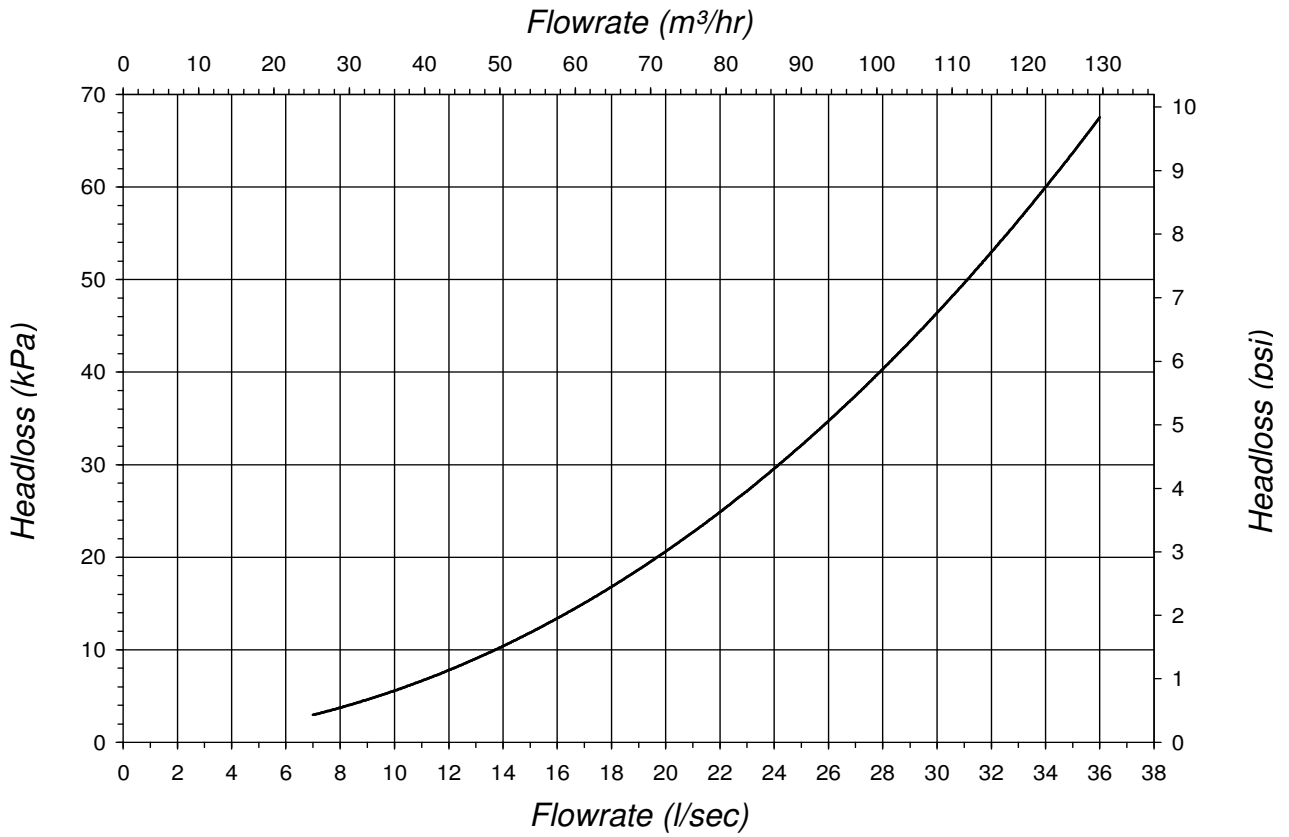
80x50x80 Threaded Bronze "Y" Valve

AITC Report # A93028



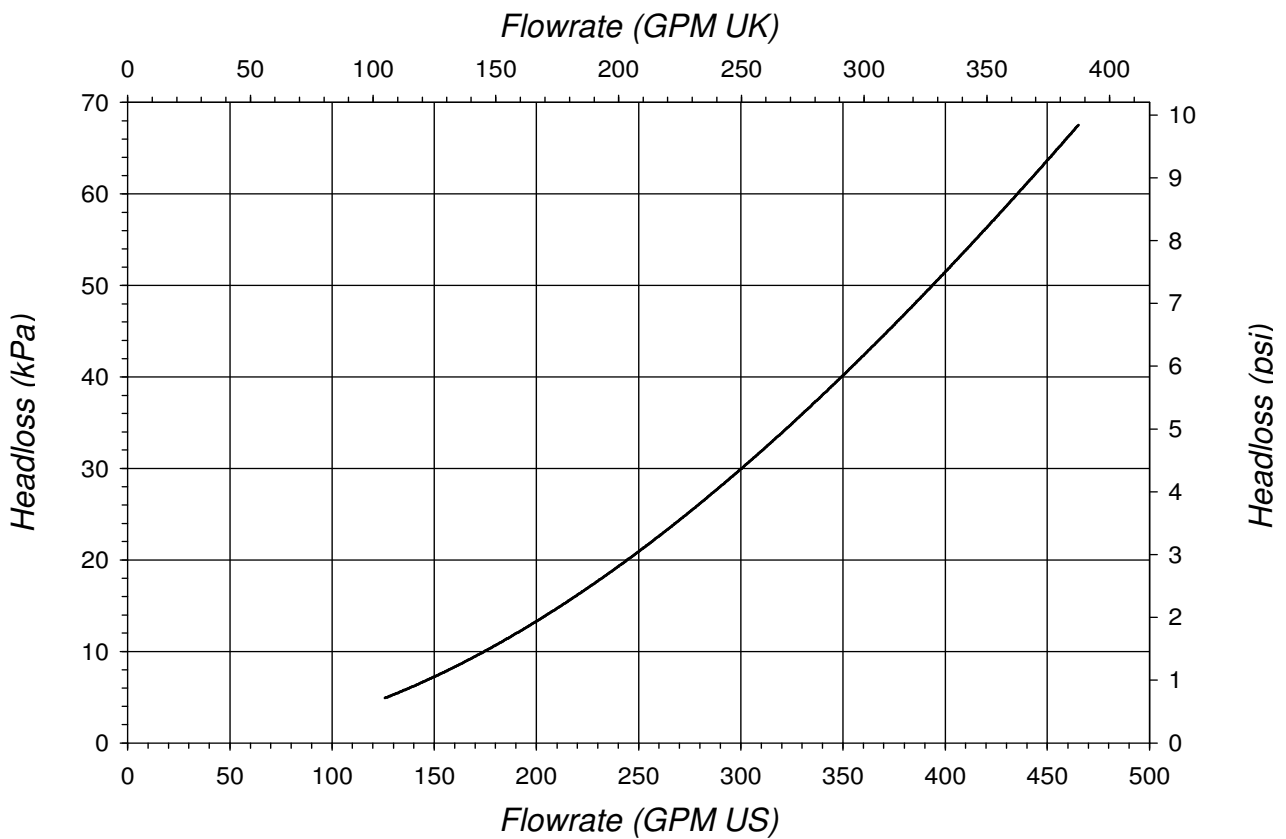
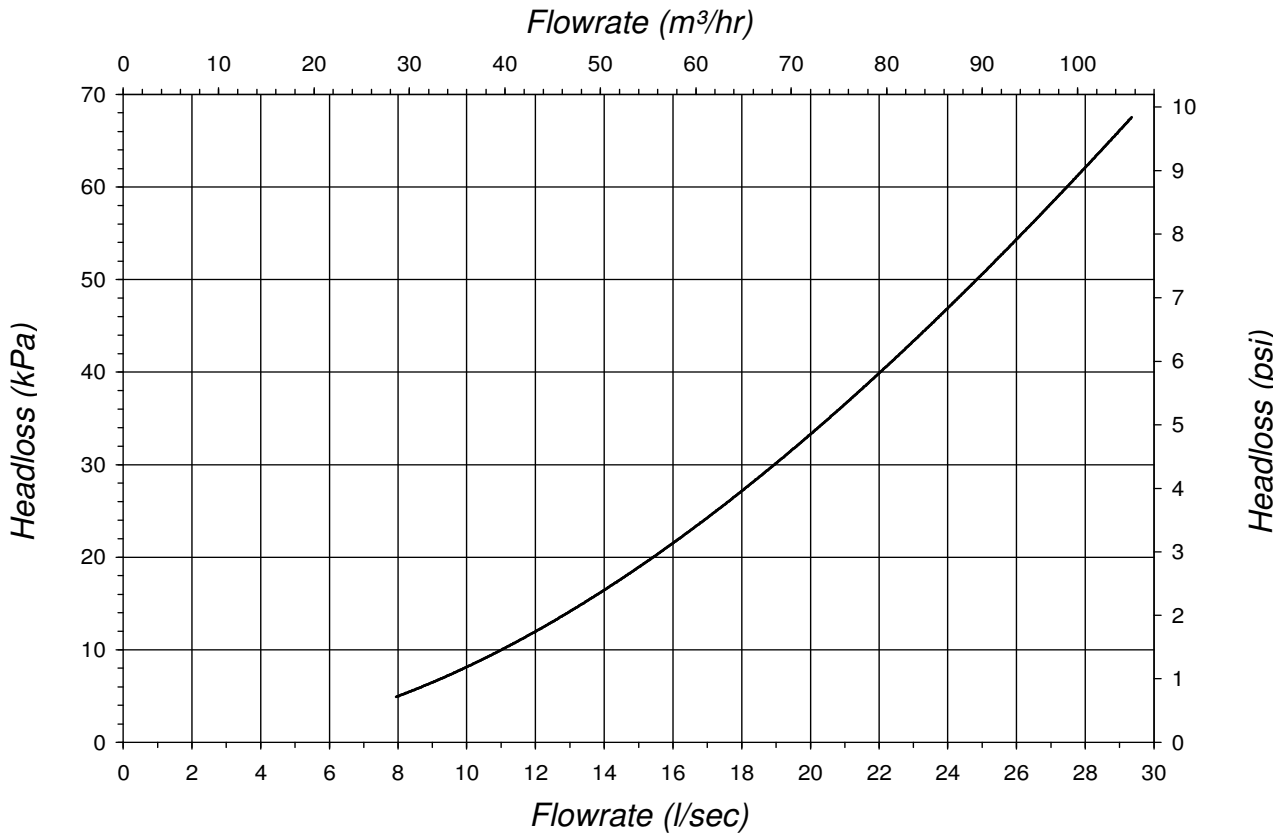
80x50x80 Threaded & Flanged Bronze Valves

AITC Report # 02001



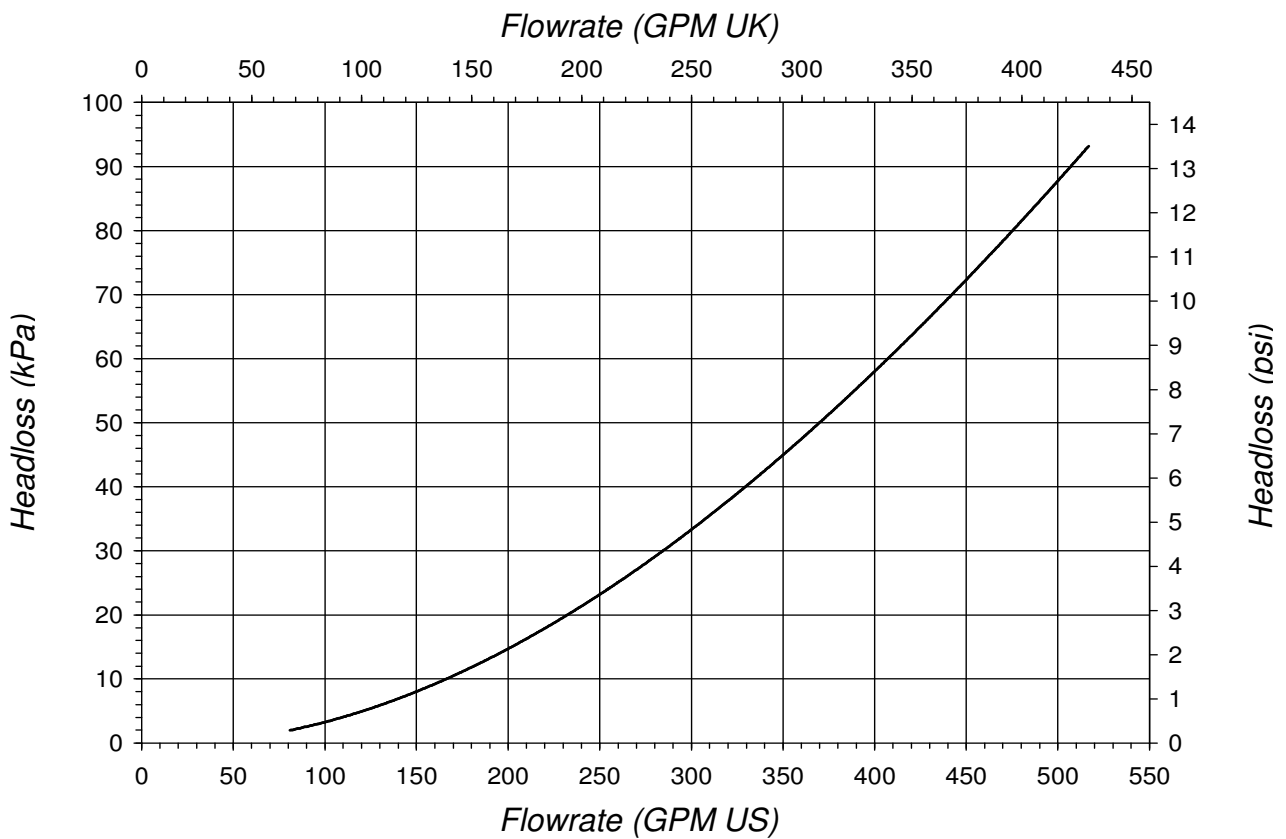
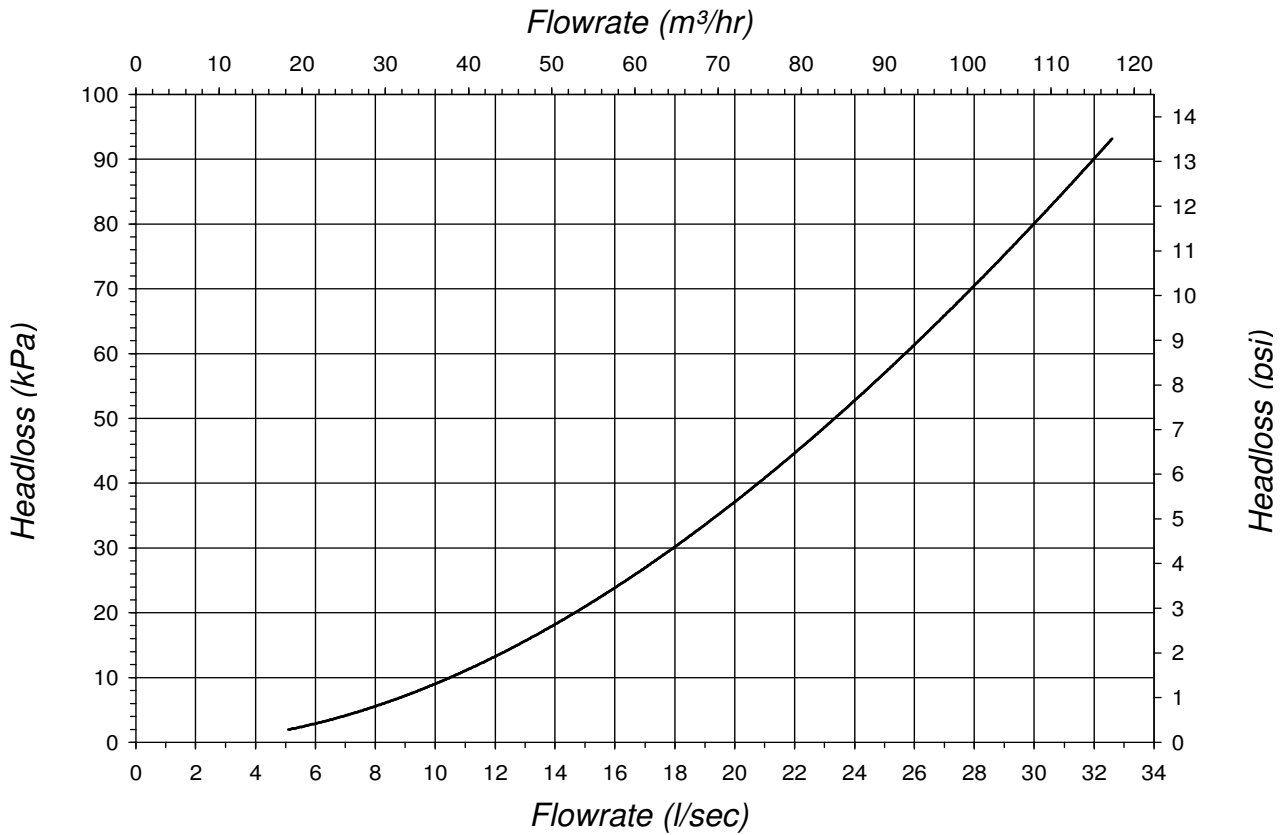
80x50x80 Drop-In Bronze Valve

AITC Report # A99020



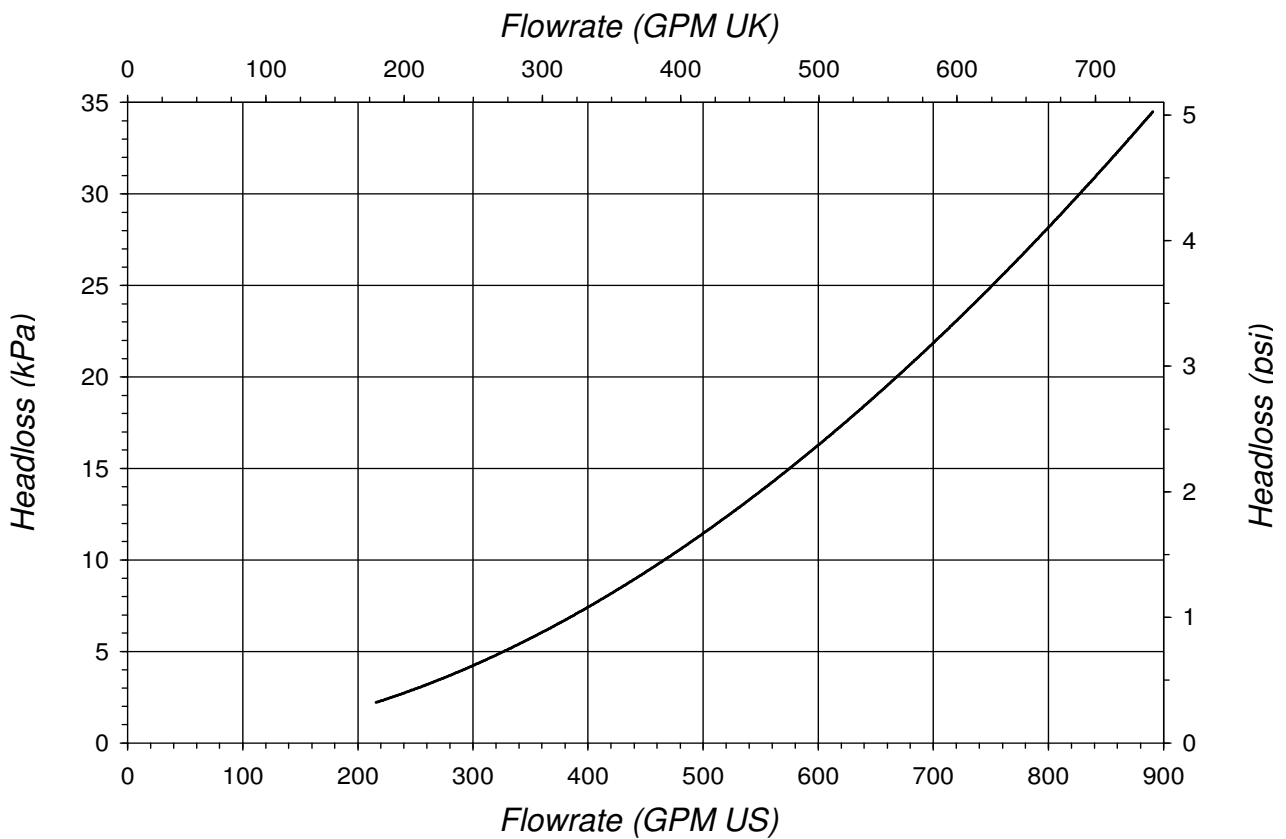
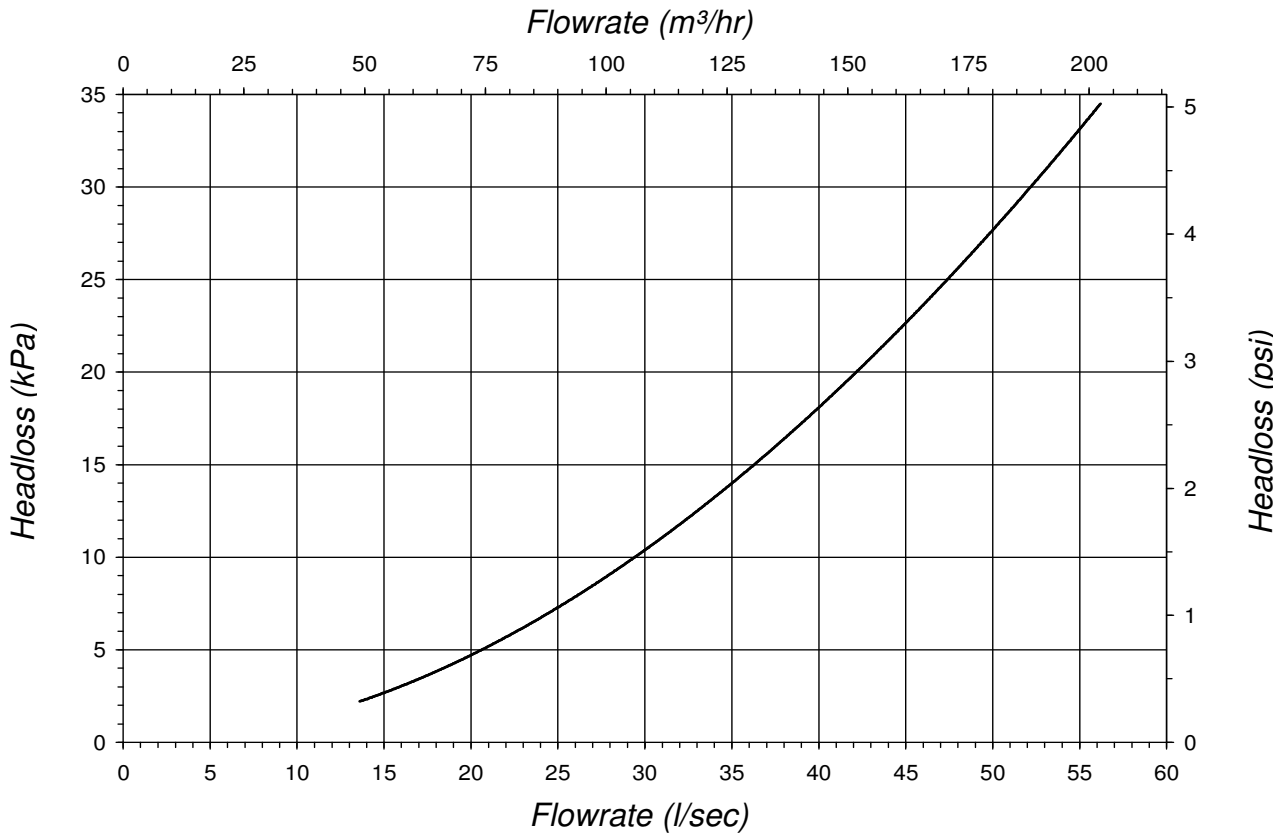
80x50x80 Threaded & Flanged Bronze Angle Valves

AITC Report # A93028



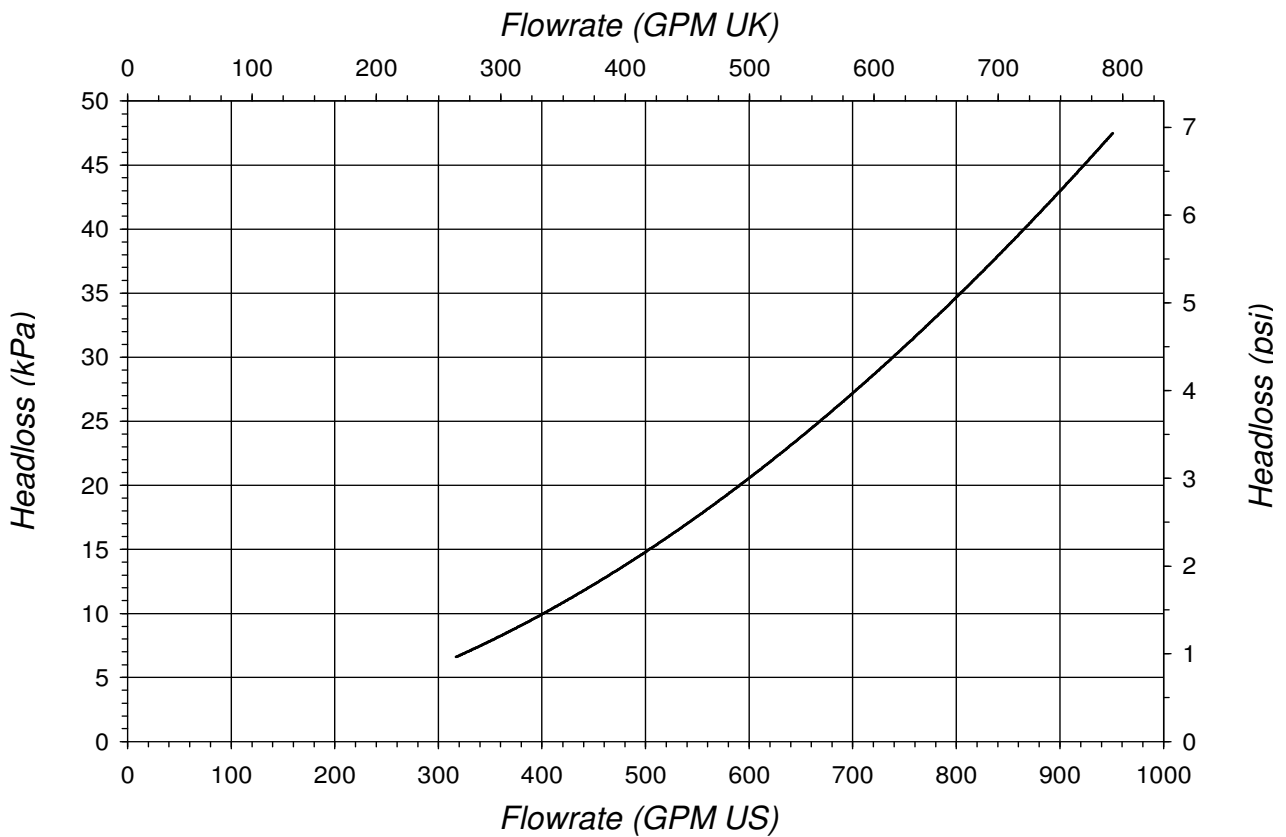
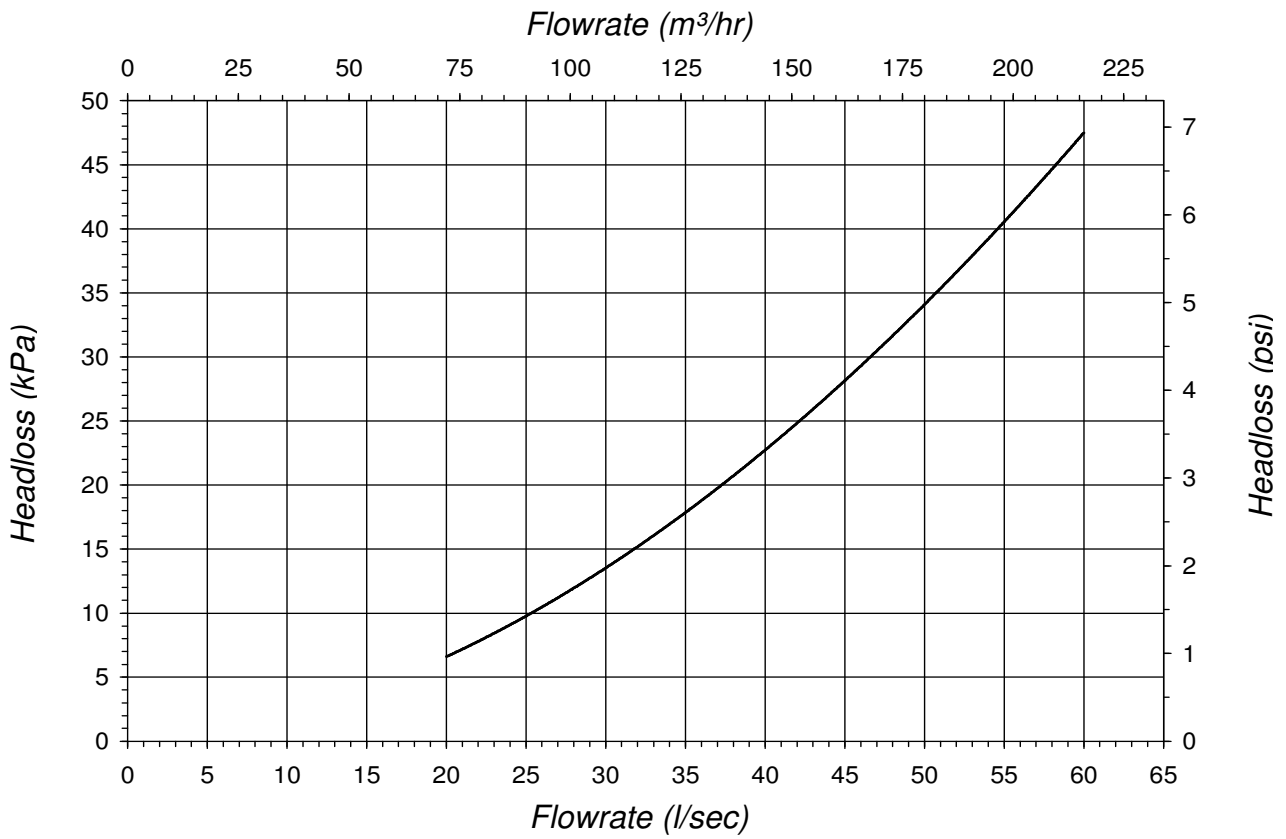
80x50x80 Threaded & Flexalite Bronze "Y" Valves

AITC Report # A93028



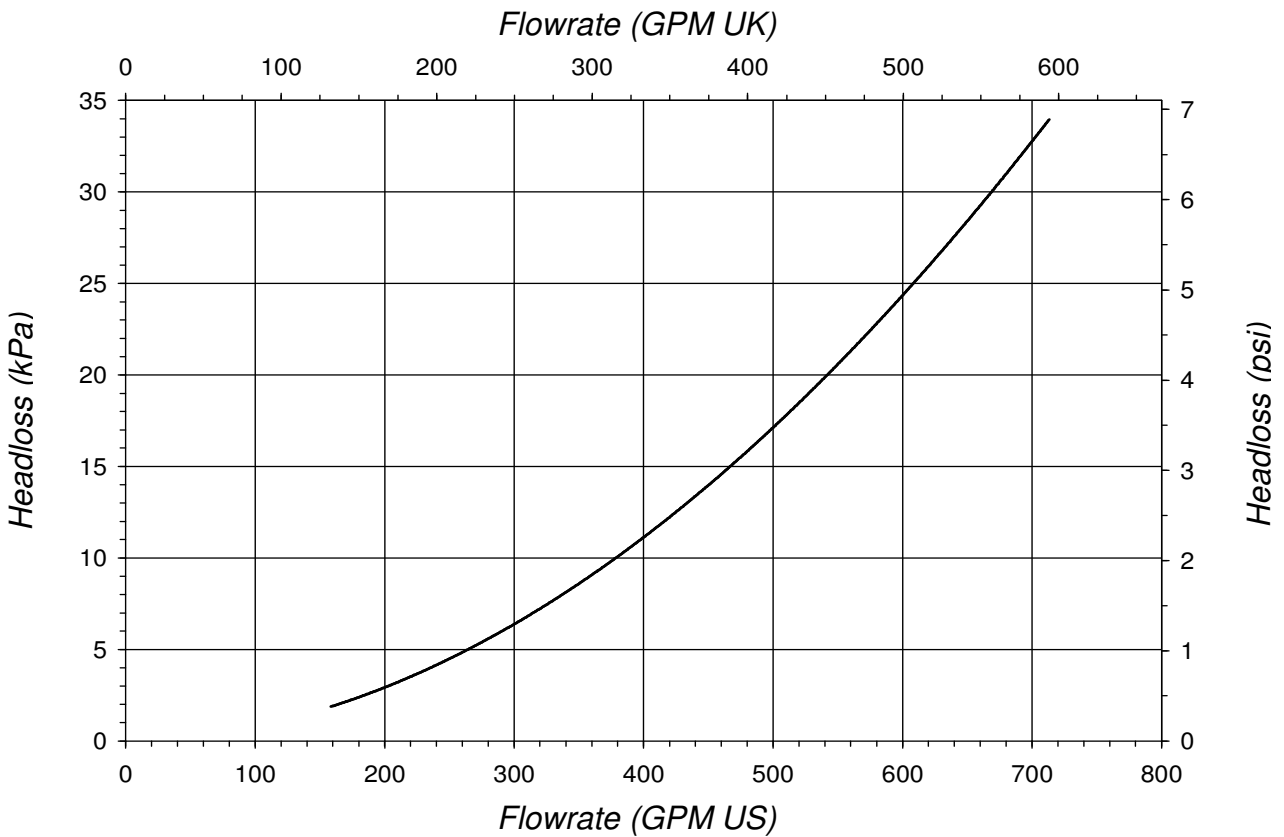
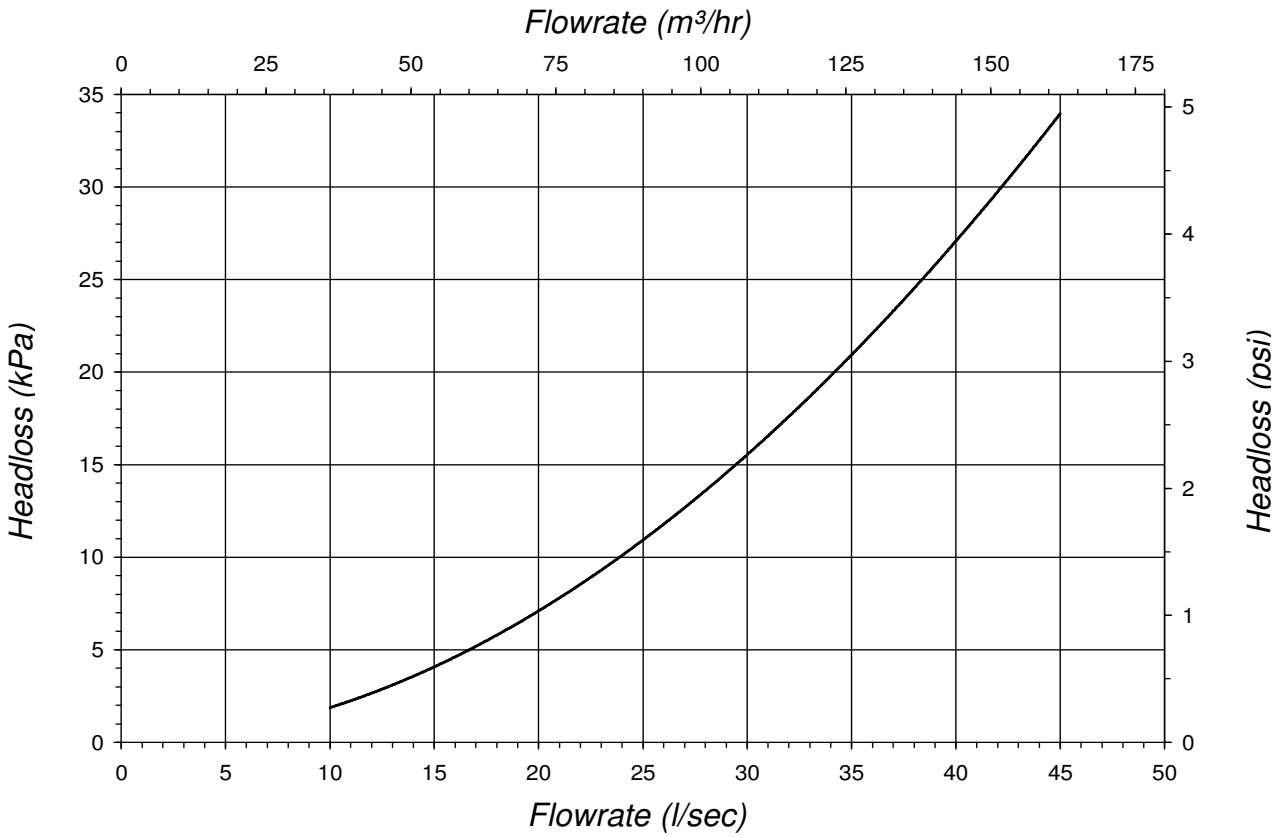
80mm Threaded & Drop-In Bronze Valves **4" AC & 100mm PVC Drop-In Bronze Valves**

AITC Report # A98023



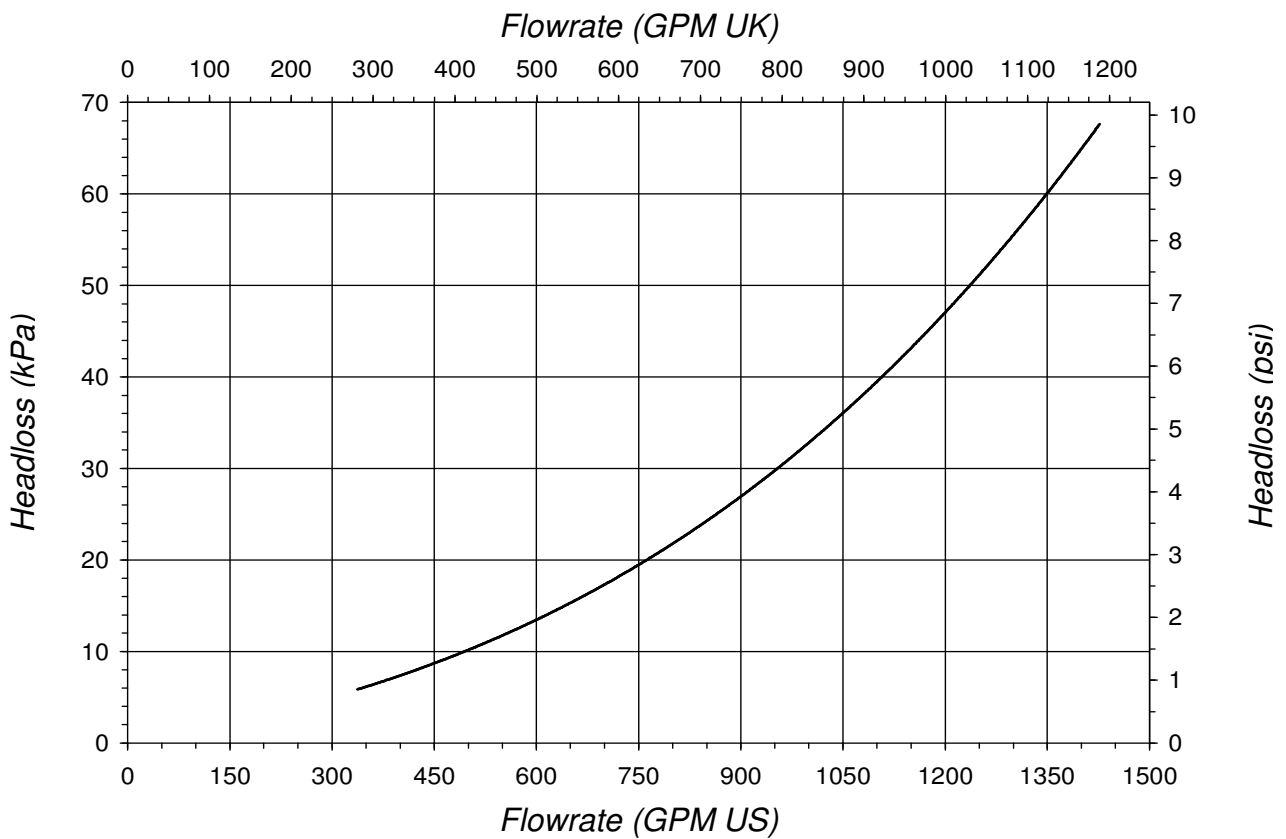
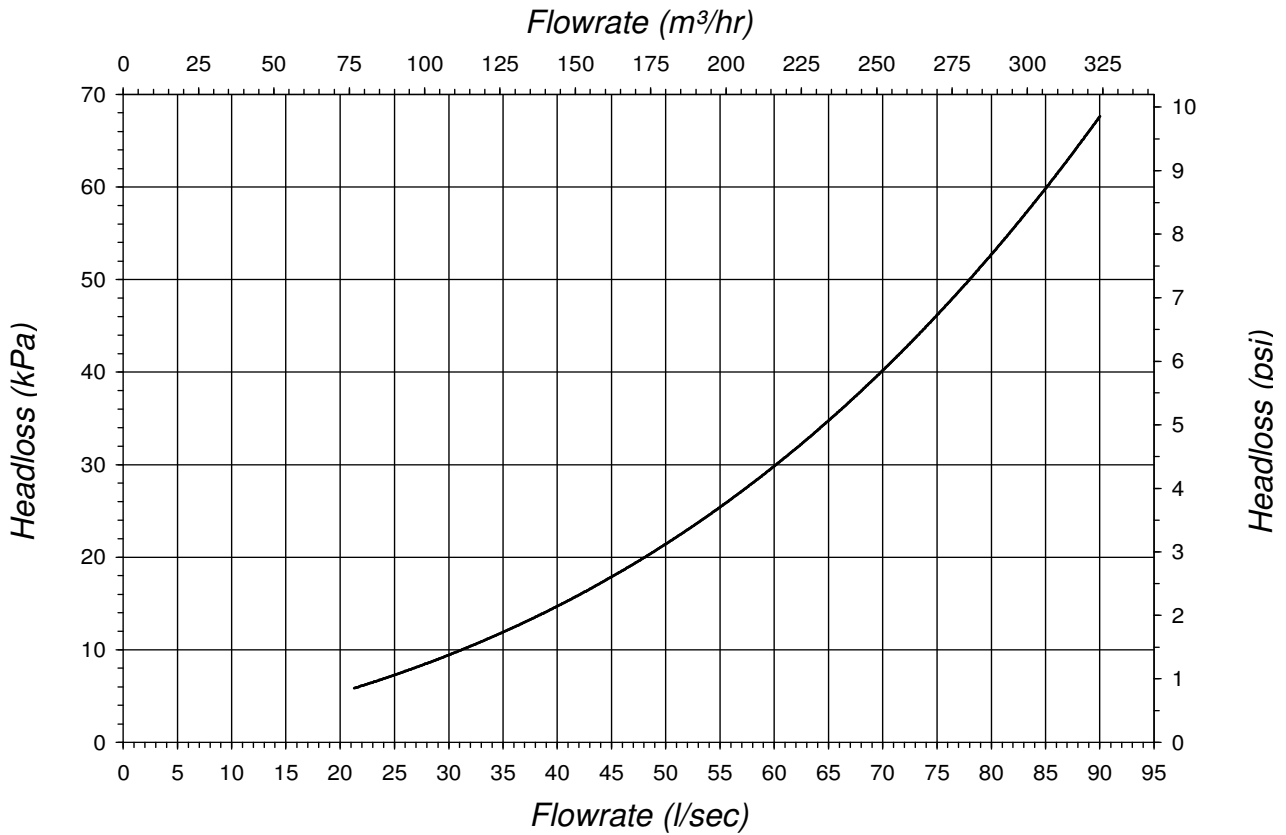
80mm Threaded & Flanged Coated Valves

AITC Report # A98023



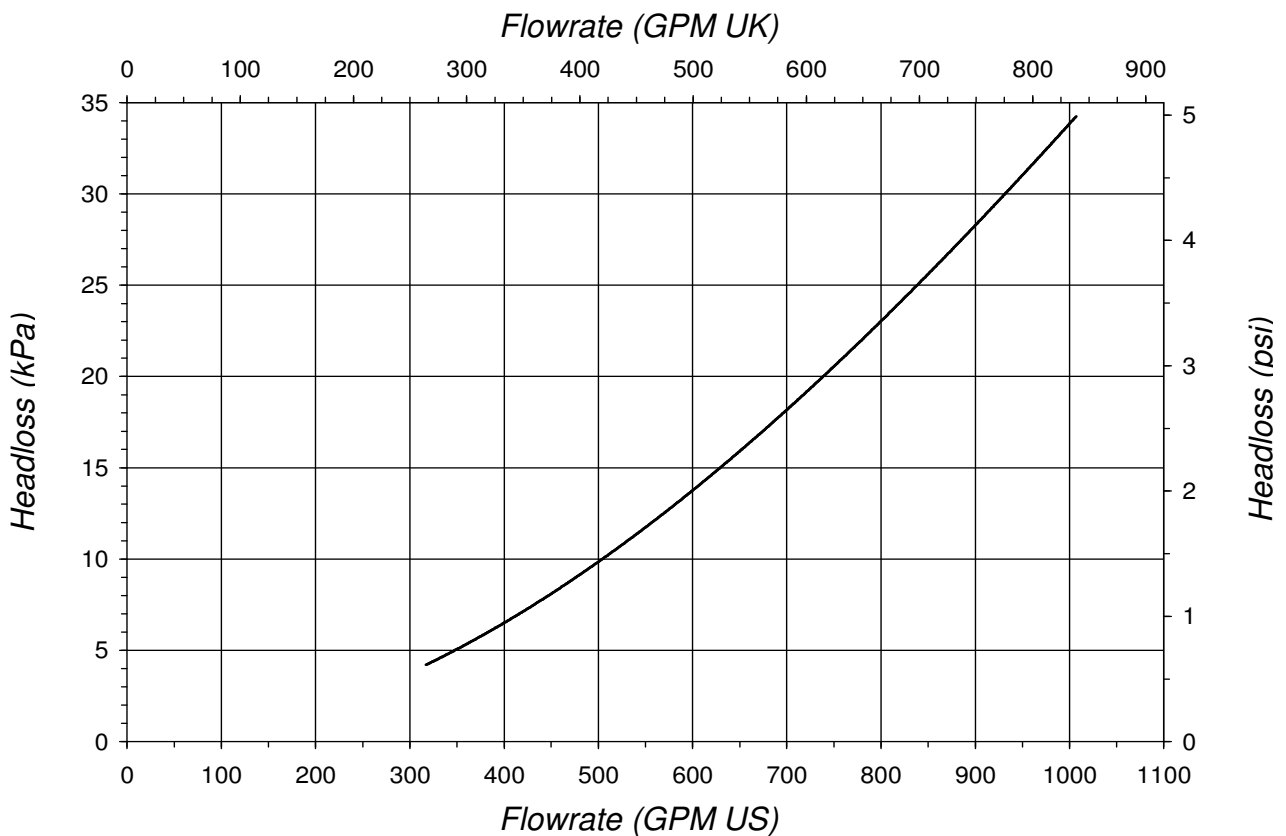
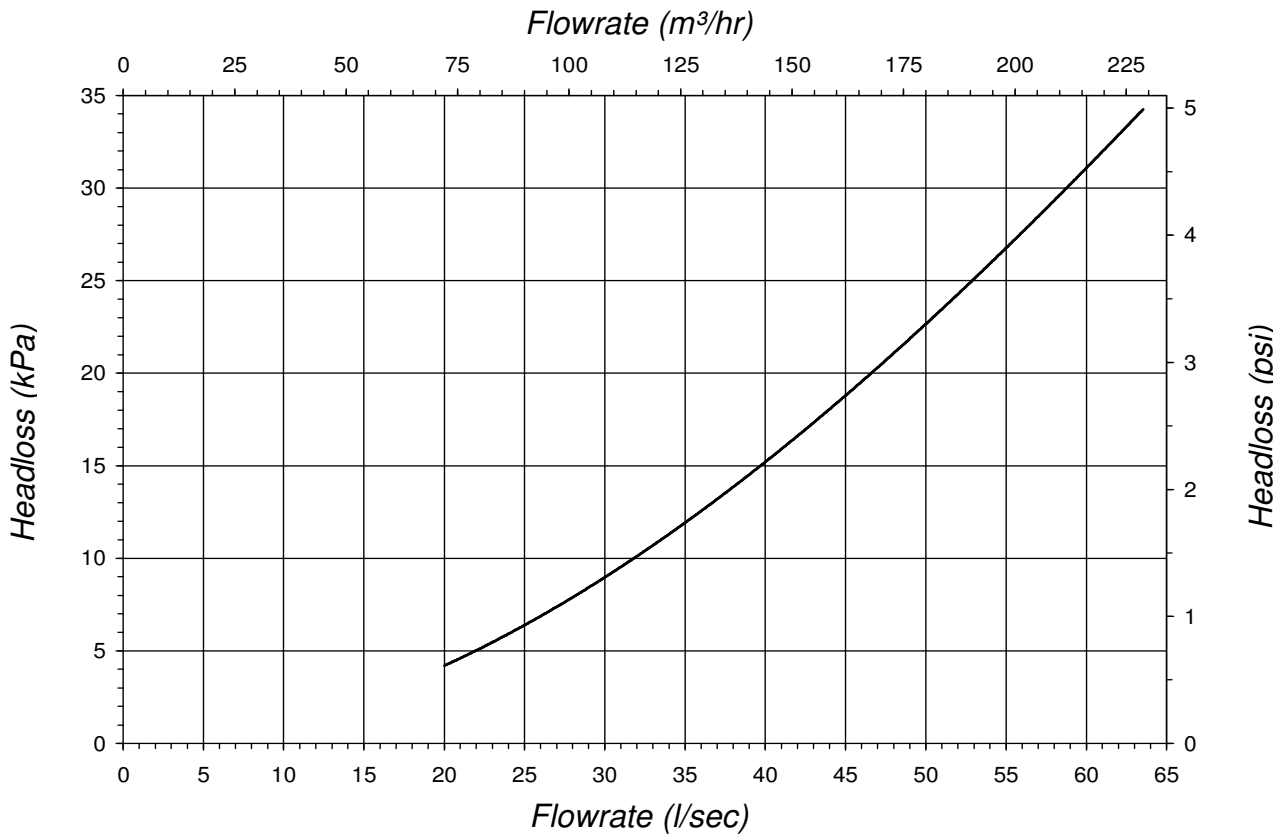
100mm Flanged Coated Valve

AITC Report # 99020



150x100x150 Flanged Coated Valve **(for Pressure Regulated applications)**

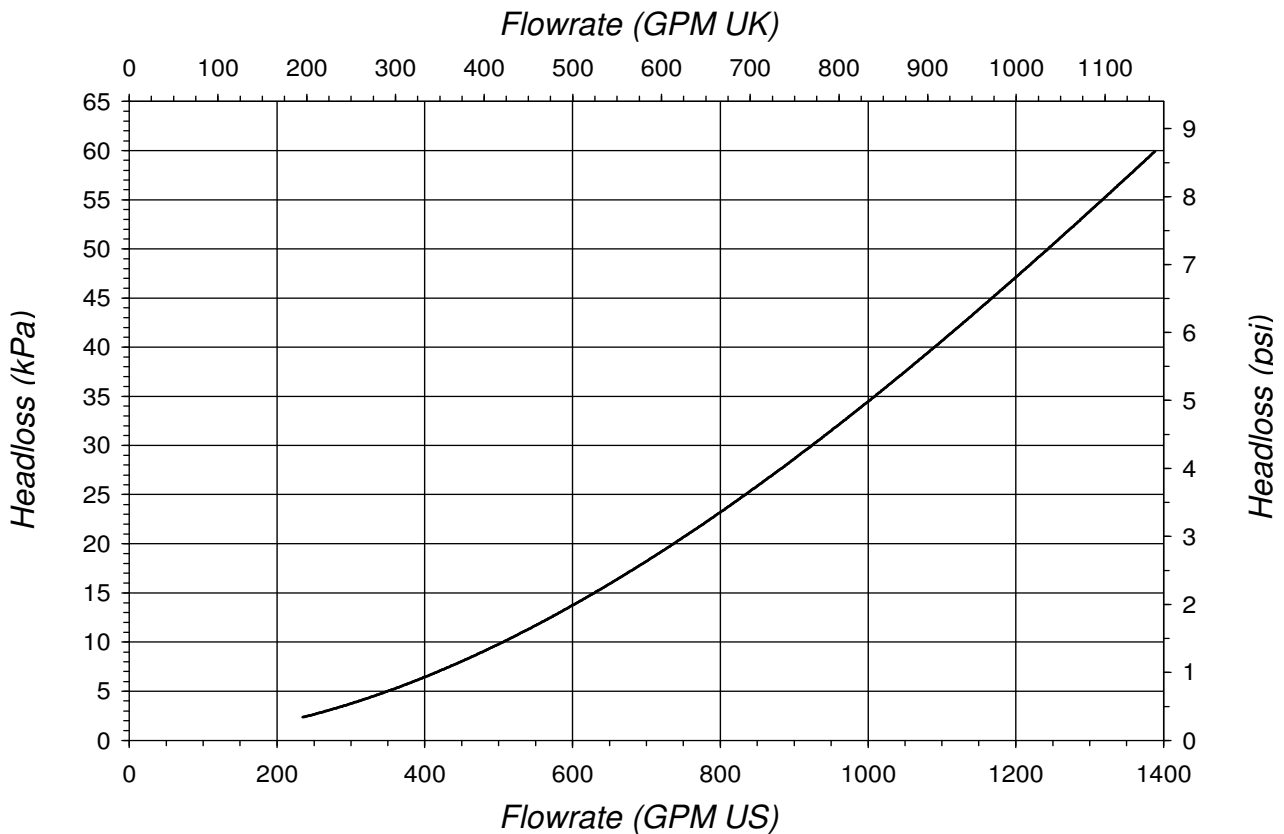
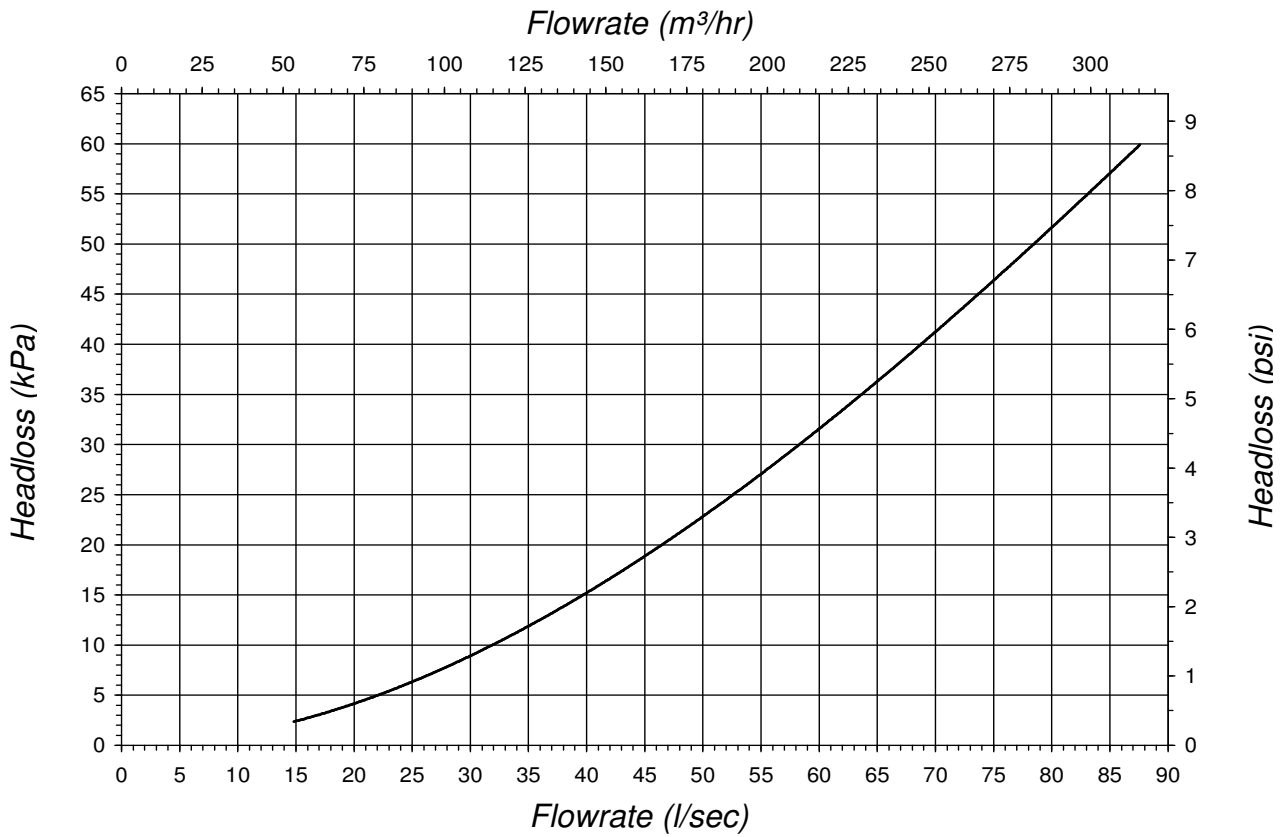
AITC Report # 99020



150x100x150 Flanged Coated Valve

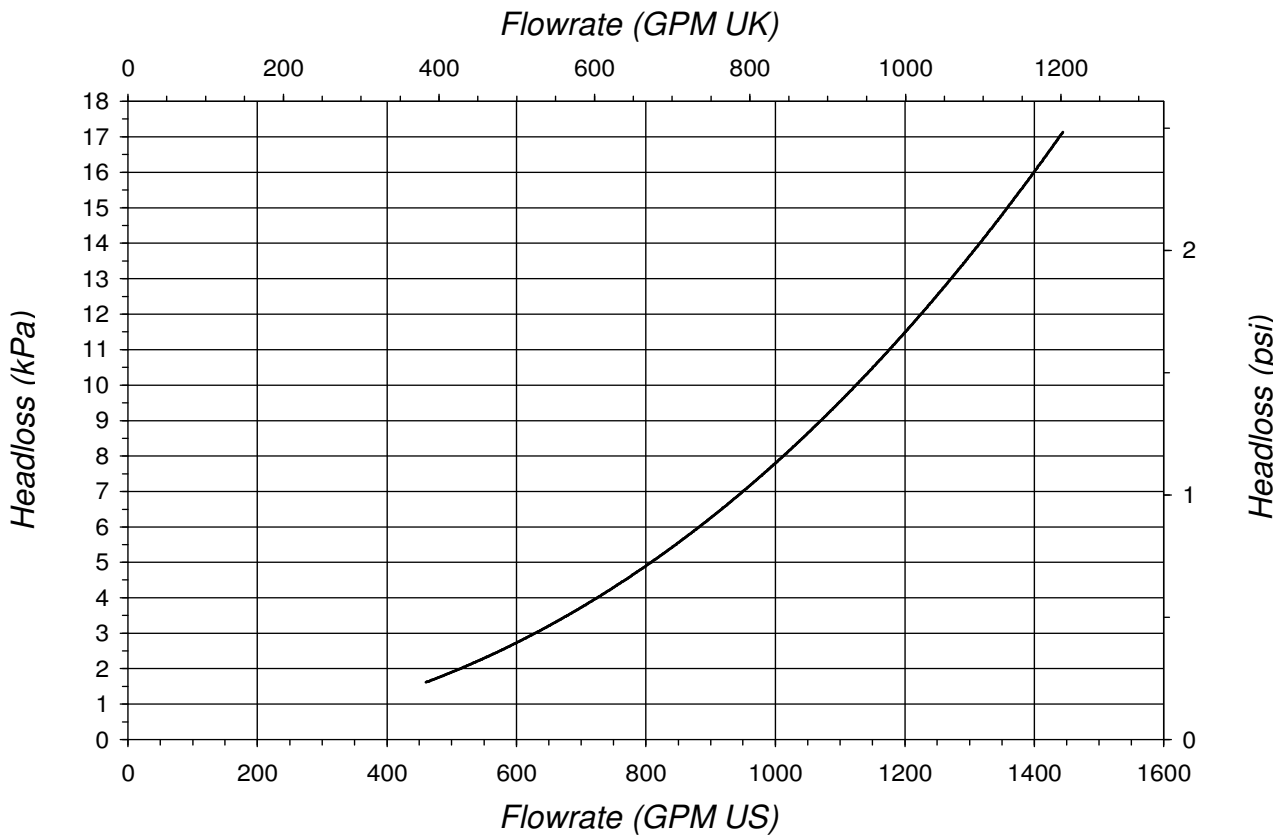
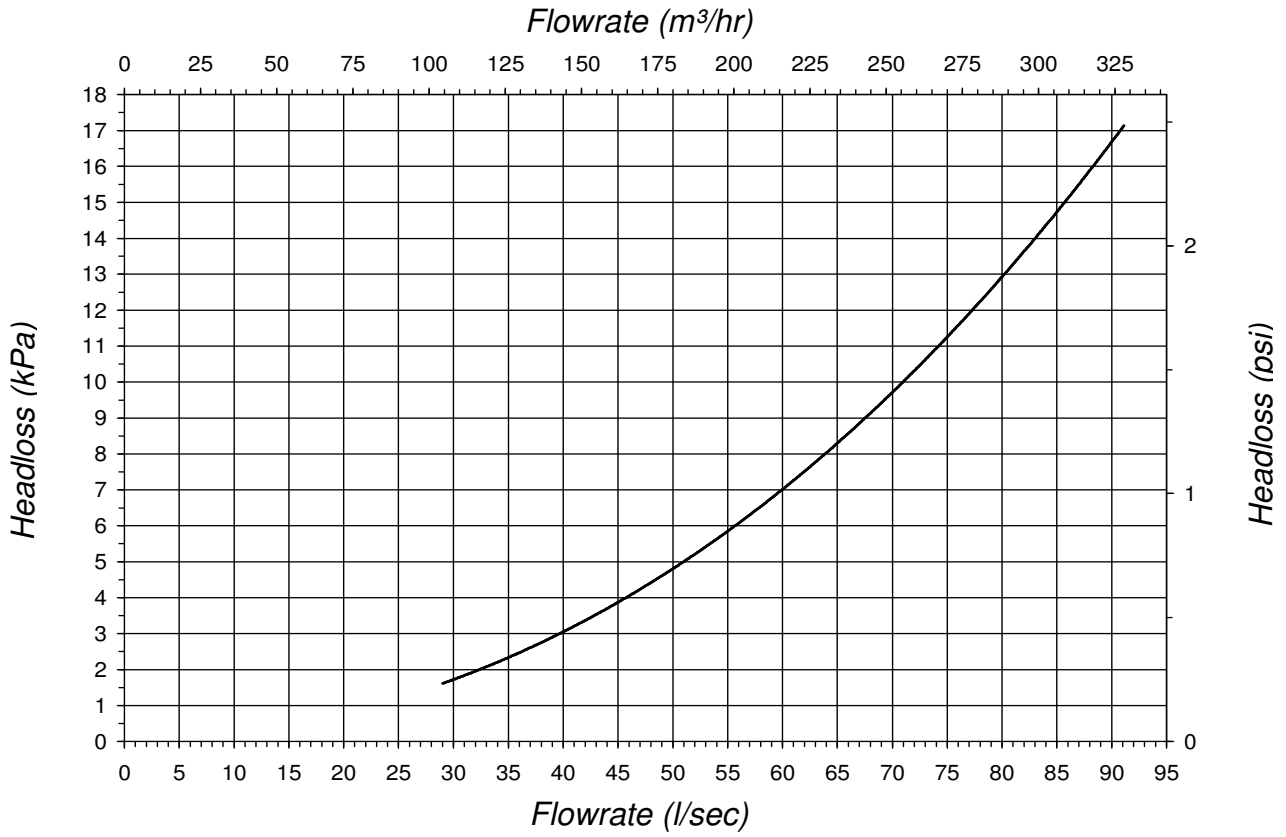
(for Open Flow applications)

AITC Report # 2369611-0501



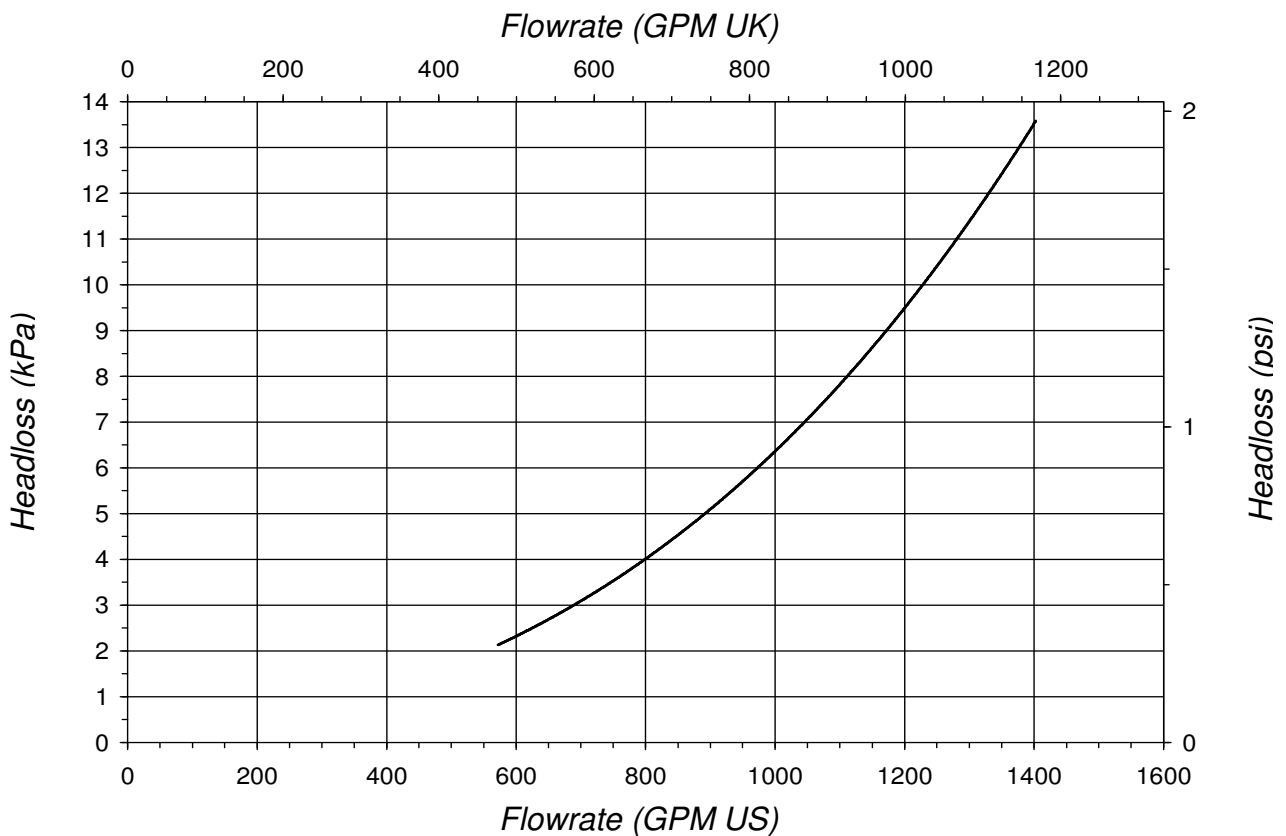
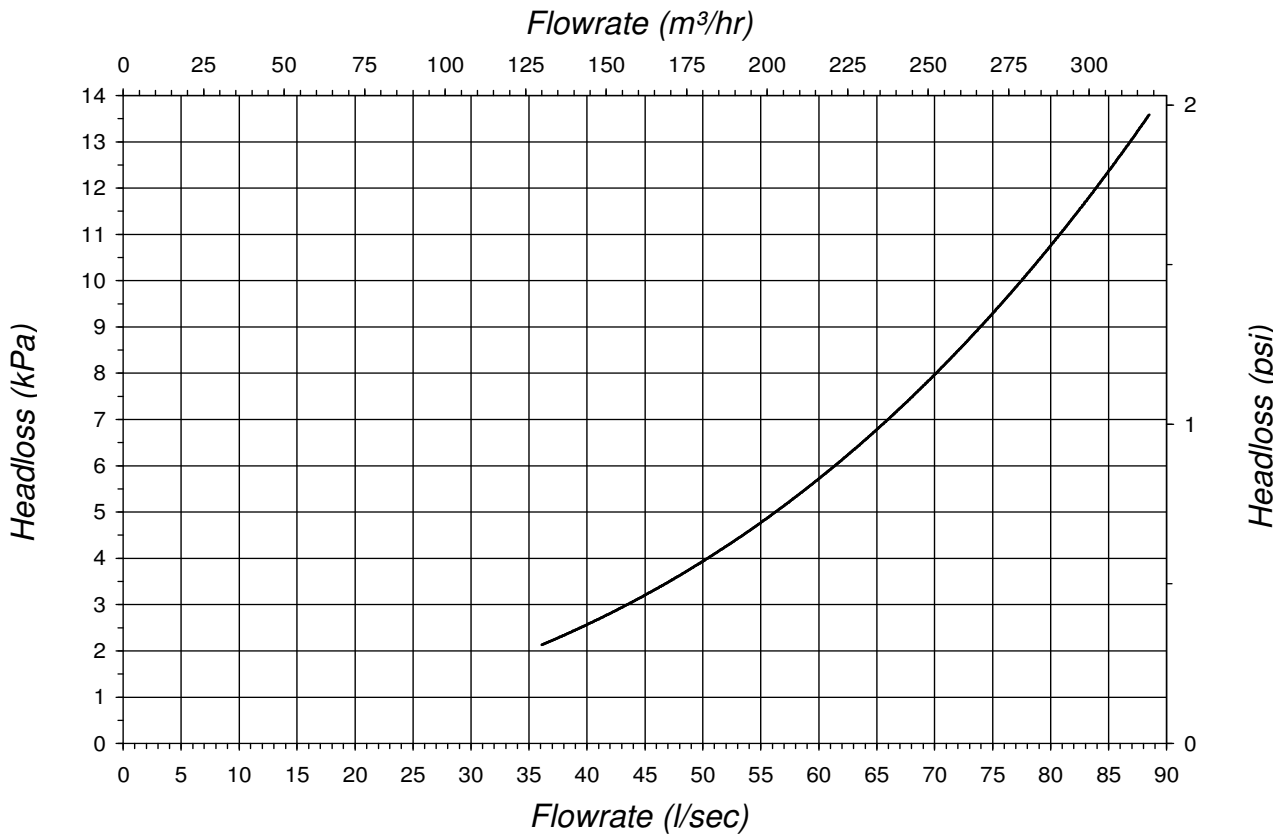
150mm Flanged Coated Valve **(for Pressure Regulated applications)**

AITC Report # 99020

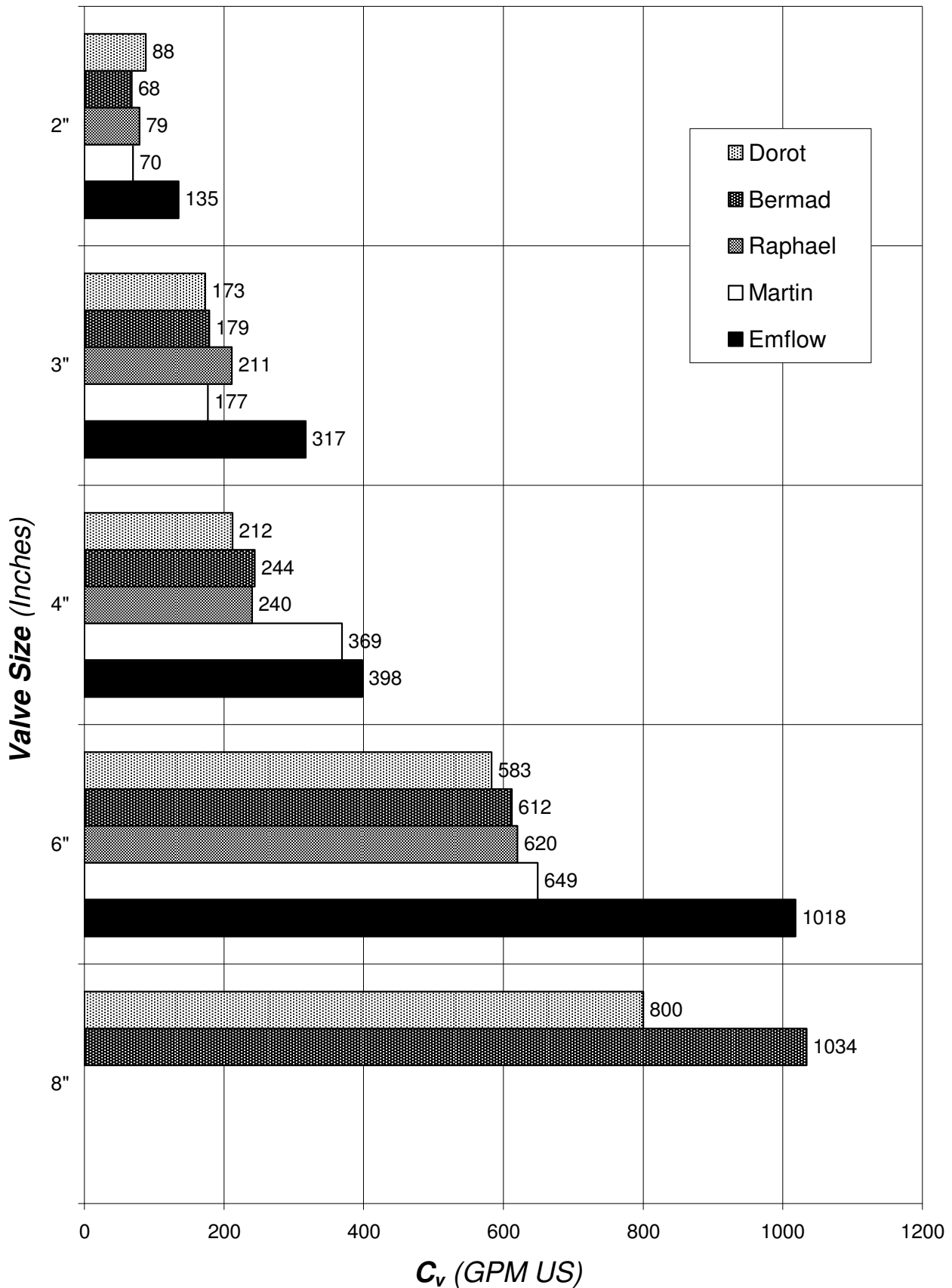


150mm Flanged Coated Valve **(for Open Flow applications)**

AITC Report # 00013



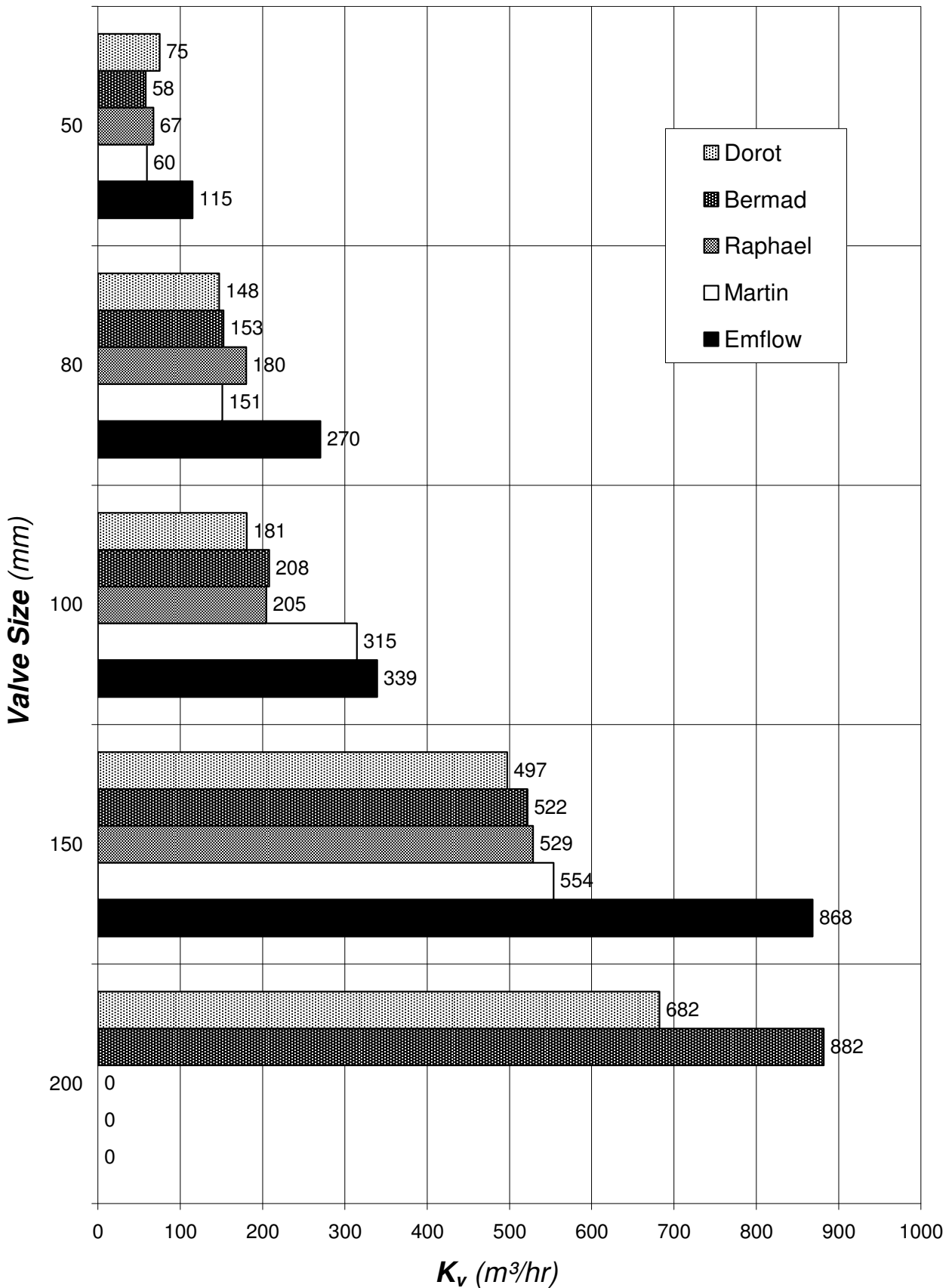
Valve Flow Coefficient (C_v) Comparisons



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C_v ~ Is defined as the maximum flowrate (in US gal/min) of water (at 60 °F) that can pass through a valve when there is a pressure drop of 1 lb/in² (psi) across the valve.

Flow Factor (K_v) Comparisons



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K_v ~ Is defined as the maximum flowrate (in m^3/hr) of water (at 20 °C) that can pass through a valve when there is a pressure drop of 1 kg/cm^2 (~1 bar)(~100kPa) across the valve. $\{K_v = 0.853 C_v\}$