

High Frequency Noise Attenuators

Specification

Leakage, damage to instrumentation, instability and noise are often caused by high frequency ripple generated by a hydraulic pump; an attenuator, placed close to the pump will significantly reduce this ripple.

The Fawcett Christie Noise Attenuator is essentially a "low pass filter" or volume resonator which attenuates transmitted frequencies over a wide band.

Fawcett Christie Attenuators are manufactured from forged steel with an interconnected inner chamber. Additional sound absorption is achieved if the attenuator is fitted with a flexible hose on both or either side.

Shell

Seamless steel shell necked at both ends. Working pressure 345 bar.

Inner Tube

Designed to accommodate pumping characteristics and size for minimum pressure drop performance.

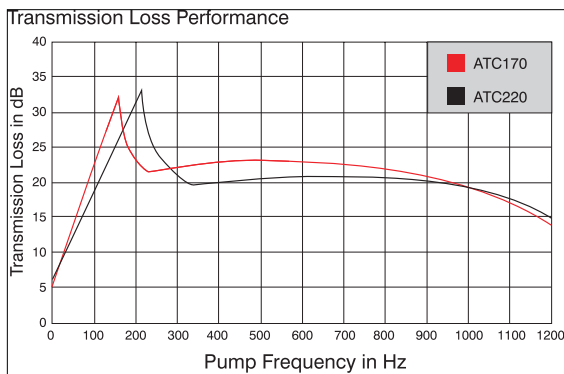
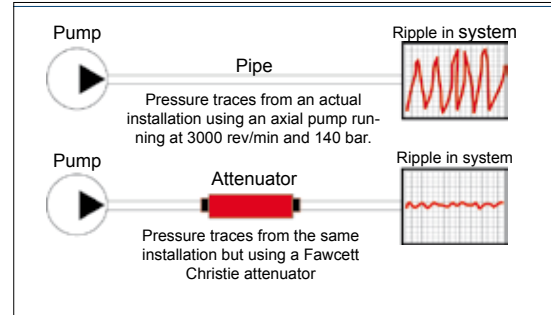
Finish

One coat primer paint as standard. Special paints finishes available on request.

Connections

BSP female connections (see chart below).

Fawcett Christie offer an attenuator design service for applications not covered by the standard product range.



Part Number	Model	Min Sys Bore d (mm)	Length d (mm)	Diameter d (mm)	Connection (BSP)	Weight (kg)
60045400100	ATC17001	10	457	88.9	3/4"	5.8
60045500100	ATC17002	13	585	88.9	3/4"	7.3
60045100100	ATC17003	16	592	114.3	1 1/4"	12.0
60044900100	ATC17004	19	592	114.3	1 1/4"	15.0
60045000100	ATC17005	22	744	114.3	1 1/4"	15.0
60044600100	ATC17006	32	744	114.3	1 1/4"	15.0
60045200100	ATC17007	38	744	114.3	1 1/4"	15.0
60045300100	ATC22001	10	381	88.9	3/4"	5.2
60043800100	ATC22002	13	457	88.9	3/4"	5.8
60045600100	ATC22003	16	457	88.9	3/4"	5.8
60045700100	ATC22004	19	585	88.9	3/4"	7.4
60045800100	ATC22005	22	585	88.9	3/4"	7.4
60044700100	ATC22006	32	592	114.3	1 1/4"	12.0
60044500100	ATC22007	38	592	114.3	1 1/4"	12.0

