



## 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.

## Finish

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

## Connections

BSP female connections (see chart below).

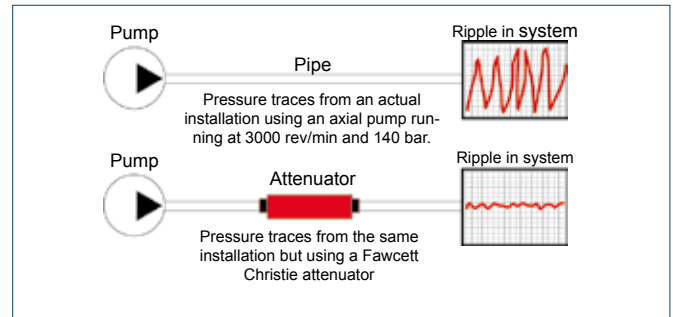
Fawcett Christie offer an attenuator design service for applications not covered by the standard product range.

## Shell

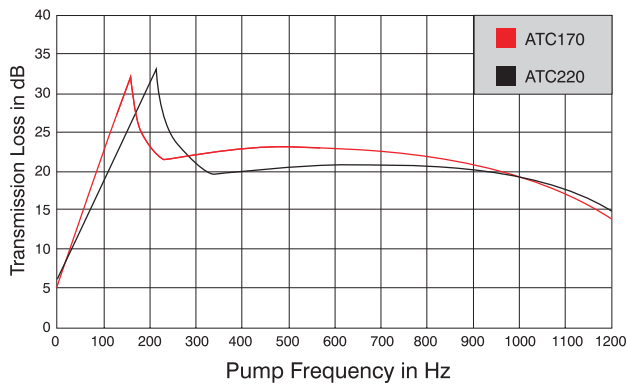
Seamless steel shell necked at both ends. Working pressure 345 bar.

## Inner Tube

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



Transmission Loss Performance



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

ATC 220 01 00 34

Attenuator Type

Range

170 = 150 Hz to 200Hz  
220 = 200Hz and above

Size - (see sizing chart)

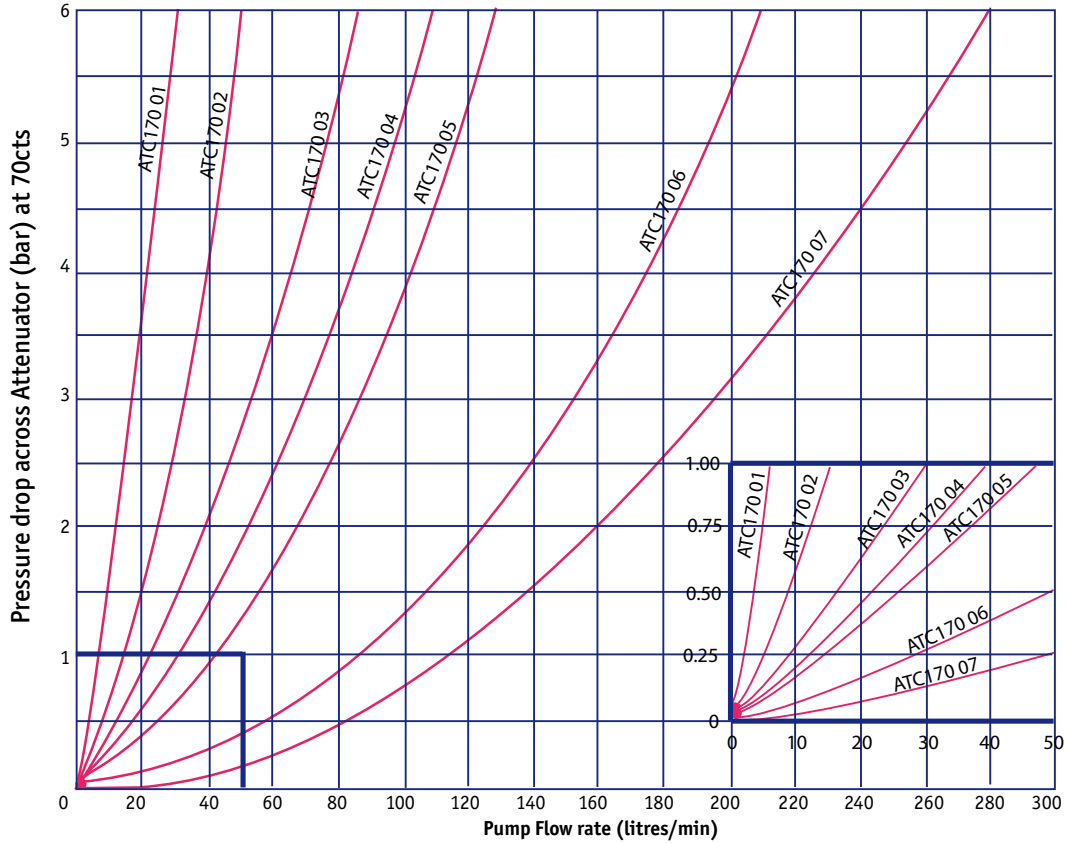
Specification

00 = Standard

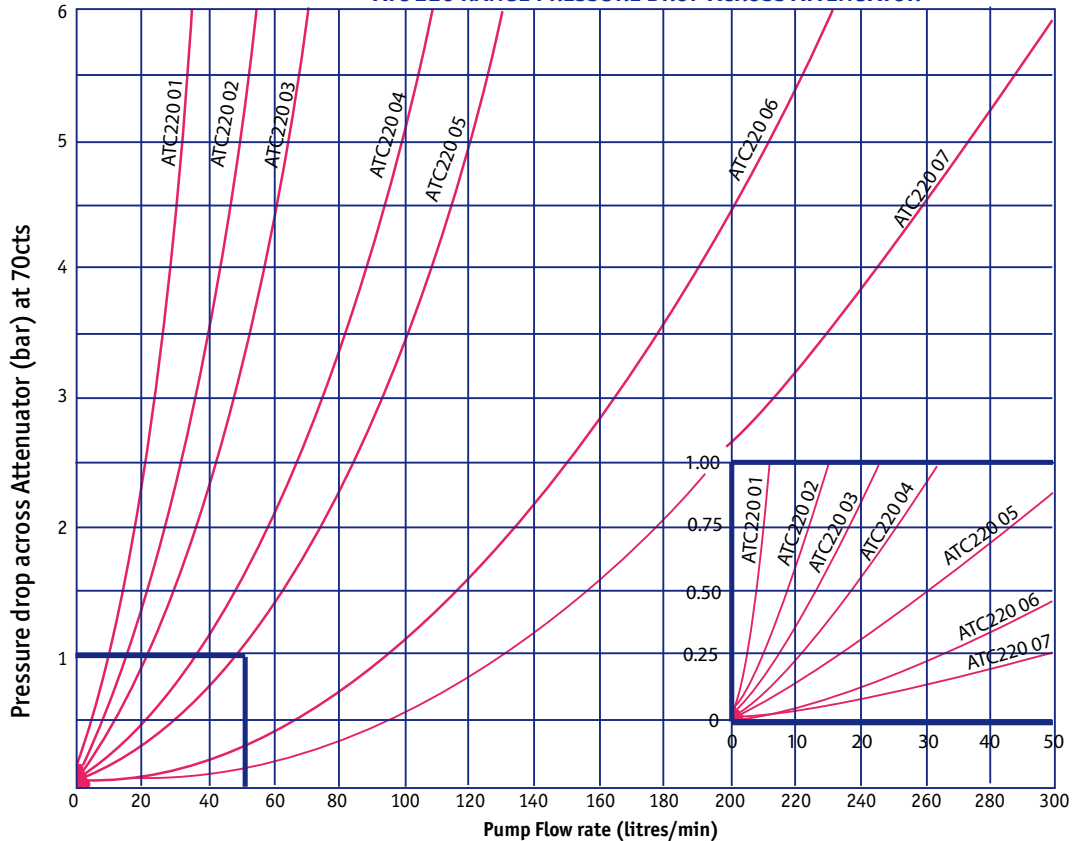
Working Pressure

34 = 345 bar

### ATC 170 RANGE PRESSURE DROP ACROSS ATTENUATOR



### ATC 220 RANGE PRESSURE DROP ACROSS ATTENUATOR



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