

Media: Water – Liquid – Acid - Alkali
 Pressure: Ductile Iron: 12 Bar max
 Pressure: Stainless: 20 Bar max
 Media temp: -15°C to +80°C max
 Media viscosity: 50 centistokes max
 Mounting: any position

Anti Water Hammer

Ductile Iron + Stainless

DN50 – DN200

Angle L Series

12 + 20 Bar

TYPE ALF



PRESSURE

Ø Port PN16	Air Chamber Volume CM³		Part Number	List Price	
				Ductile Iron Epoxy Coated	304 Stainless
DN50	1490	12 Bar	ALF50DE		
DN65	2130		ALF65DE		
DN80	2465		ALF80DE		
DN100	5535		ALF100DE		
DN150	15325		ALF150DE		
DN200	27230		ALF200DE		
DN50	1490	20 Bar	ALF50S		
DN65	2130		ALF65S		
DN80	2465		ALF80S		
DN100	5535		ALF100S		
DN150	15325		ALF150S		
DN200	27230		ALF200S		

OPTIONS

Flange JIS-10K, 20K; ANSI-150LB; PN10 + PN25 (Other options TBA)
 FKM + other diaphragm materials are custom made

+10%
TBA

CONSTRUCTION

Body: Ductile Iron with Epoxy Coating or 304 Stainless Steel
 Seals: NBR other options available upon request

REPAIR KIT

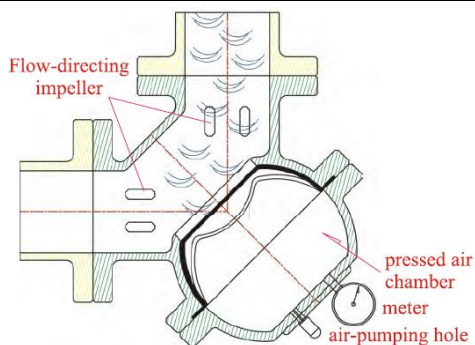
Diaphragm Seal

Valve part number + seal material

INFORMATION

L Style Hammer Arrester

Fit the Hammer Arrestor at the first corner from the fast shut down valve. When the fluid lift is greater than 50Mtrs or pressure higher than 5 bar we recommend fitting a hammer arrester at the first corner from the fast shut down valve AND the corner after the longest pipe straight. Leave at least a 10 cm gap between the arrester and the wall for ease of maintenance. Make sure the air chamber pressure is lower than the pipe pressure between 60% to 90%. If the pipe outlet to atmosphere i.e. Tank then set the air chamber pressure between 1 and 1.3 Bar.



Test pressure: Cast Iron 21 Bar, Stainless steel 35 Bar

Diaphragm: NBR

Normal air chamber pressure: 2.5 Bar

Media: Fluid

Temperature range: -15°C to +80°C

Max working pressure: Cast Iron / Bronze: 12 Bar, Stainless steel 20 Bar

Port	A	B	C	KG
DN50	230	110	105	17
DN65	260	130	115	21
DN80	275	140	125	22
DN100	345	155	150	34
DN150	467	200	200	70
DN200	560	235	232	124

