

Equipment		Additive injector	
Model		XAD 41	
Measured liquids		anti-icing, corrosion inhibitor, antistatic, thermal stabiliser, colourings	
Number of additives		1 or 2	
Static pressure	max	15 bar	
Inlet pressure	max	0.3 bar	
Main product line pressure	max	10 bar	
Liquid temperature	min / max	-10°C / +90°C	
Liquid viscosity	max	20 mm²/s	
Additive injection concentrations		500 ppm to 2000 ppm when mounted on ZC17-80 250 ppm to 2000 ppm when mounted on ZC17-150 500 ppm to 1000 ppm when mounted on ZC17-250	
Wetted materials			
Body material		FT25 Cast iron	
Manifold		FT25 Cast iron	
Cap		302 Stainless steel	
Piston material		302 Stainless steel	
Sleeve material		440C Stainless steel	
Piston pump seat material		PTFE	
Piping material		304 Stainless steel	
Injector operation			
Operating principle		A crankshaft linked to the main meter rotor causes two opposite piston pumps to move. Depending on the requested configuration, both pumps can inject the same additive or 2 different additives.	
Adjustment of injected quantities		Via pistons diameters and crankshaft eccentricity (factory sized)	
Verification of additives injected quantities		Via a control dipstick (not supplied) to be mounted upstream the injector.	
Filtering		To be mounted upstream the injector (not supplied) 200µm max for gasoline, premium, kerosene 450µm max for diesel marine gasoil, heating oil	
Additives injection location		At the inlet of the measuring cell for perfect additive(s) mixing	
Installation			
Maximum allowed line length		1200mm distance between additive reservoir and injector	
Minimum line diameter		25 mm	
Main meter characteristics			
Technology		Positive displacement meter model Satam - ZC17	
Operating flowrate	min/max	ZC17-80 : 8 / 80 m3/h ZC17-150: 15-150 m3/h ZC17-250 : 25 -250 m3/h	133 / 1333 L/min 250 / 2500 L/min 416 / 4166 L/min
Environmental			
Ambient working temperature	min / max	-25°C / +55°C	
Storage temperature	min / max	-40°C / +80°C	

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Manufacturing facility

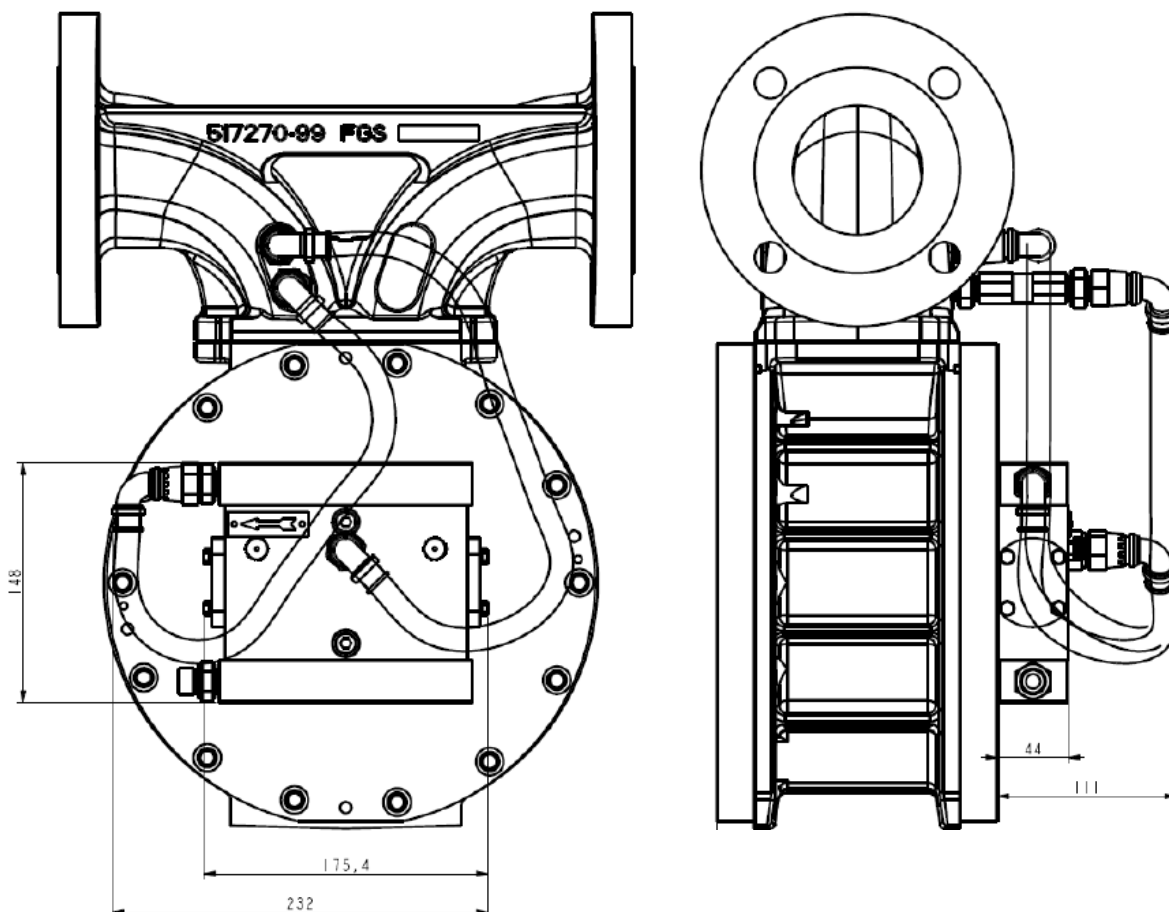
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Dimensions and weight



Weight: 7 kg

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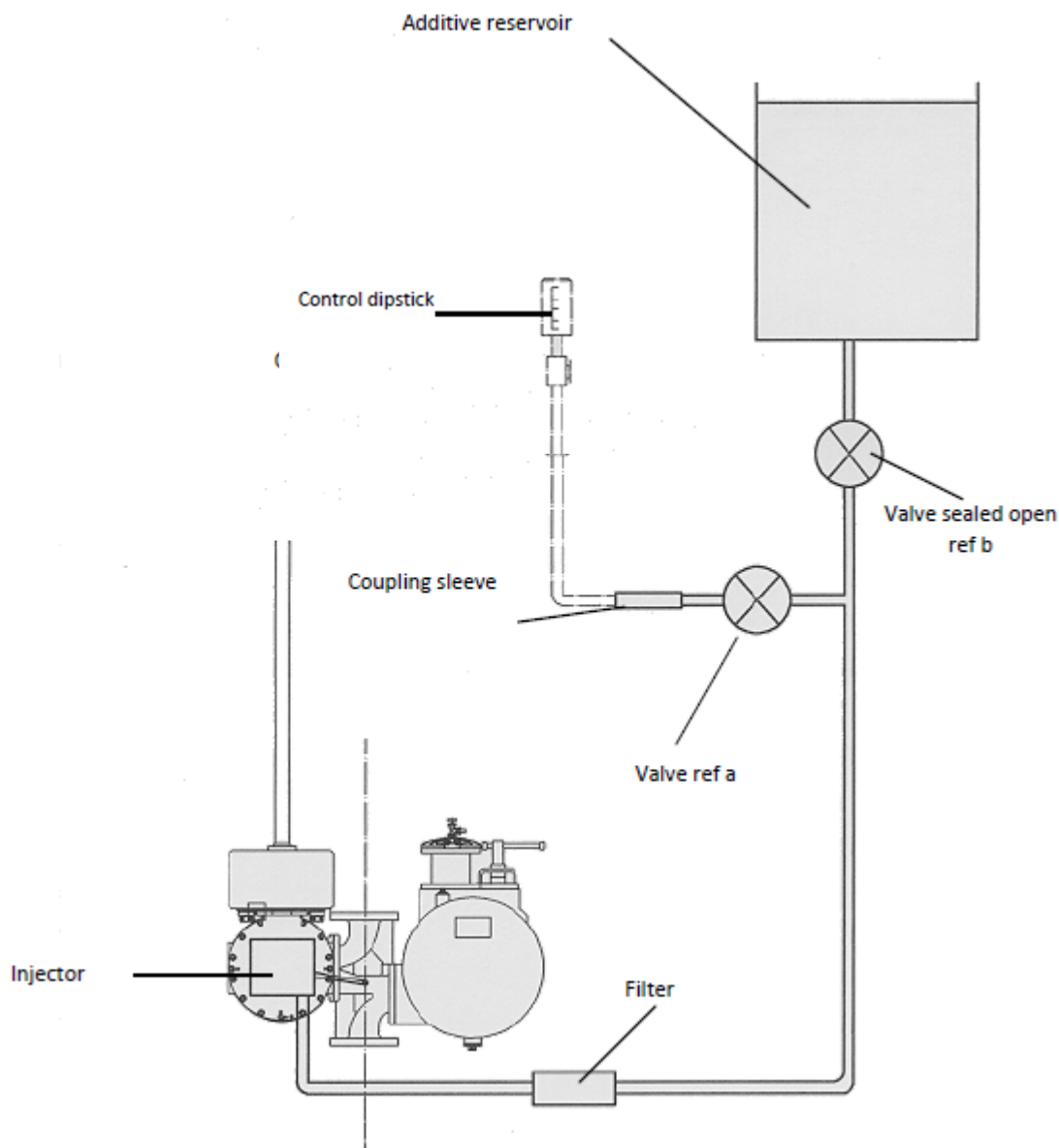
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System architecture



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