

Equipment	Electrical valve
Model	XAD 39-B
Measured liquids	Liquid hydrocarbons, industrial oils, fatty acid esters, alcohols (option)
Static pressure	max 15 bar
Inlet pressure	min / max 0.9 bar / 10 bar
Liquid temperature	min / max -10°C / +90°C 14°F / 194°F
Working flow rate (Qn)	min / max 4 / 50m ³ /h – 67 / 833 L/min - 14 / 220 USGPM
Liquid viscosity	max 20 mm ² /s
Pressure drop at maximum flowrate	1.7 bar (gasoil @ 48m ³ /h, 20°C)
Valve body	
Connection nominal size	DN 50 / 2"
End connection style	Satam flanges with welding counter flanges
Body material	Brass
External coating	Acrylic-epoxy coating - RAL5010, Marine Epoxy coating RAL5010 (option)
Valve diaphragm	
Operating principle	Standard version: Two single acting diaphragm valves to control low flow rate and high flow rate. Diaphragms operated by solenoids. Low temperature version: Piston valve activated by 2 solenoids to control low flow rate and high flow rate.
Seal materials	Viton, Nitrile (option for alcohols measurement), PTFE (option for low temperature version)
Solenoids	
Electromagnets specifications	220VAC 50Hz, 220VAC 60Hz (option), 24 VAC (option)
Environmental	
Ambient working temperature	min / max -20°C, -40°C (low temp. option) / +40°C -4°F, -40°F (option) / +176°F
Storage temperature	min / max -40°C / +80°C -40°F / +176°F
Certification	
ATEX approval	n°PTB 03 ATEX 2086 X Standard solenoids Ex mb IIC T4 Ex mb tb IIIC T130°C Low temperature solenoids Ex db mb IIC T4 H 180°C
IECEX approval	n°IECEX PTB 05.0005X Standard solenoids Ex mb II C T4 Ex mb tb IIIC T130°C

SATAM sas**Headquarters & Sales Department**

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Manufacturing facility

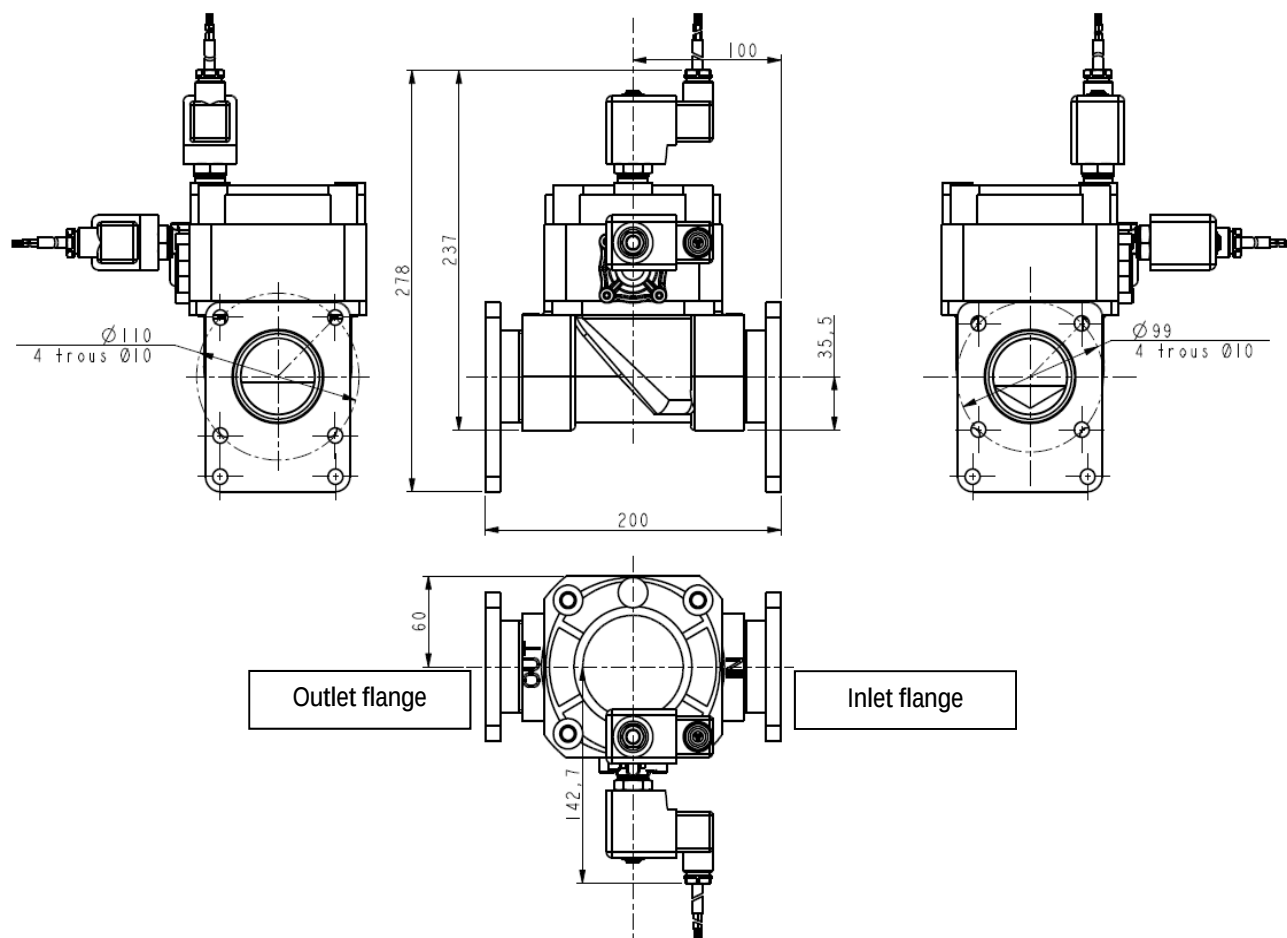
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Equipment	Electrical valve
Model	XAD 39-B

Dimensions and weight (standard version)



Weight: 9.5 kg

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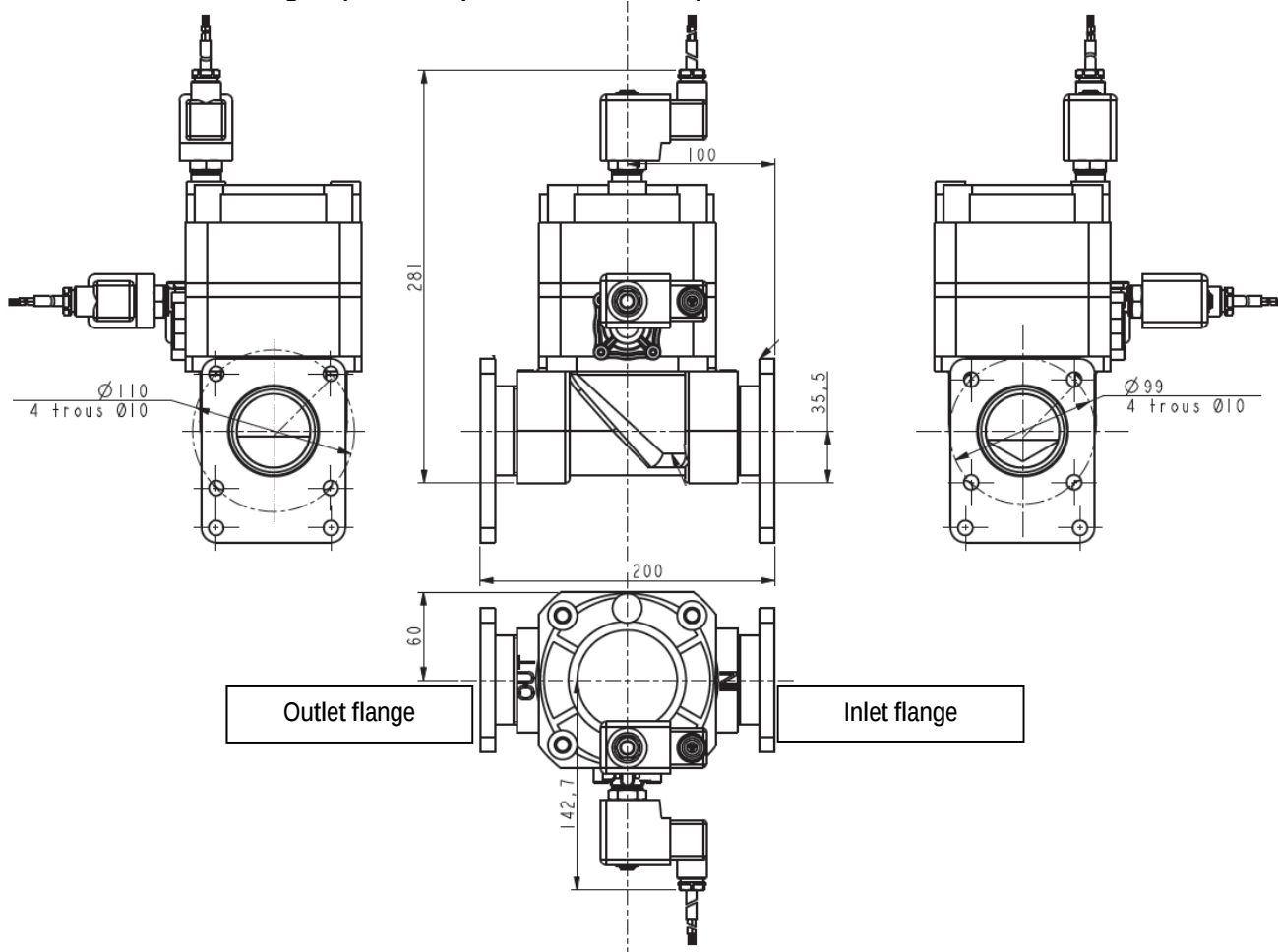
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Equipment	Electrical valve
Model	XAD 39-B

Dimensions and weight (low temperature version)



Weight: 12.5 kg

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