

Equipment	Digital control valve
Model	DVX 4
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
Ambient working temperature min / max	-25°C / +55°C
Working flow rate (Qn) max	150m ³ /h - 2500 L/min - 660 USGPM
Liquid viscosity max	20 mm ² /s
Operating differential pressure across pilots max	10 bar 150 PSID
Pressure drop at maximum flowrate	0.5 bar (gasoil @ 20°C)
Valve body	
Connection nominal size	DN 4"
End connection style	Flanges ASA 150 RF
Body material	Steel
External coating	Acrylic-epoxy coating - RAL5010
Valve cylinder and piston	
Operating principle	Pressure balanced piston principle
Cylinder material	Aluminum
Piston material	Aluminum with lining
Seal material /O-ring	Viton , Nitrile (option for alcohols measurement)
Retaining spring	Stainless steel
Pilot valves	
Technology	2 Solenoid pilot valves (1 normally open 1 normally closed)
Solenoid voltage	220VAC 50Hz - Other upon request
ATEX approval solenoids	Ex II 2 G
Protection class solenoids	IP66
Tubing / fittings	Steel / brass, Stainless steel / stainless steel

SATAM sas**Headquarters & Sales Department**

Paris Nord 2 – Bâtiment Le Gauvain
 47, allée des Impressionnistes – BP85012 – Villepinte
 95931 Roissy CDG Cedex – France
 Tel : +33 (0)1 48 63 02 11 – Fax: +33 (0)1 49 38 41 01
 Email : sales@satam.eu

Manufacturing facility

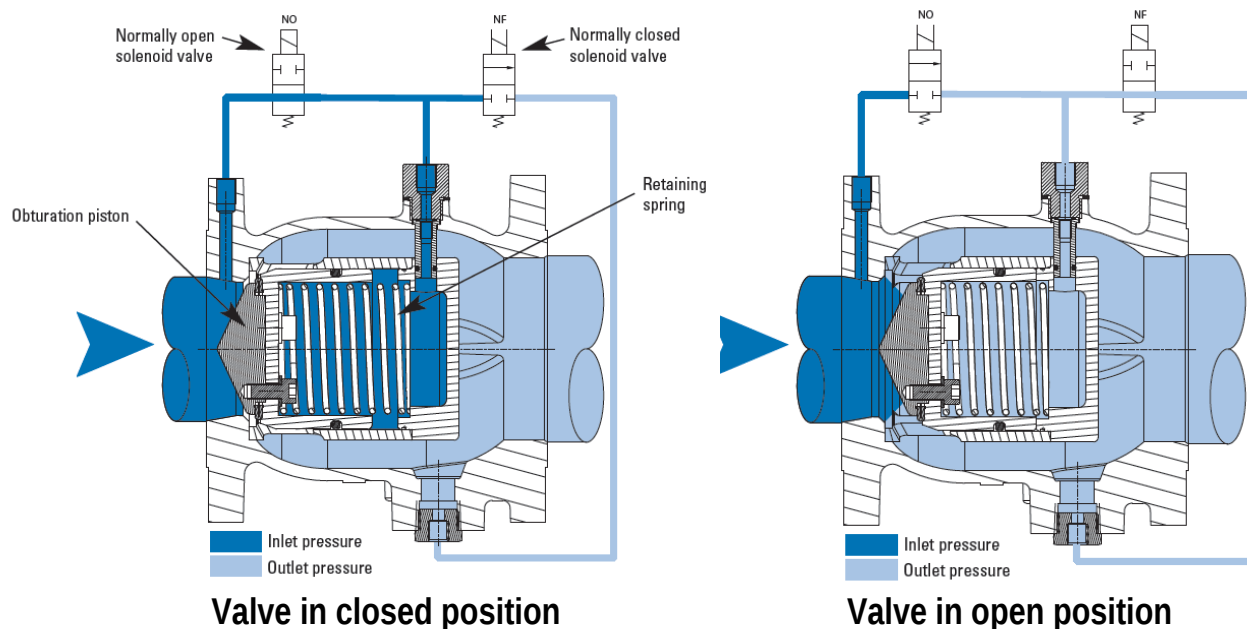
Avenue de Verdun
 14700 Falaise – France
 Tel : +33 (0)2 31 41 41 41
 Fax : +33 (0)2 31 40 75 61

www.satam.eu

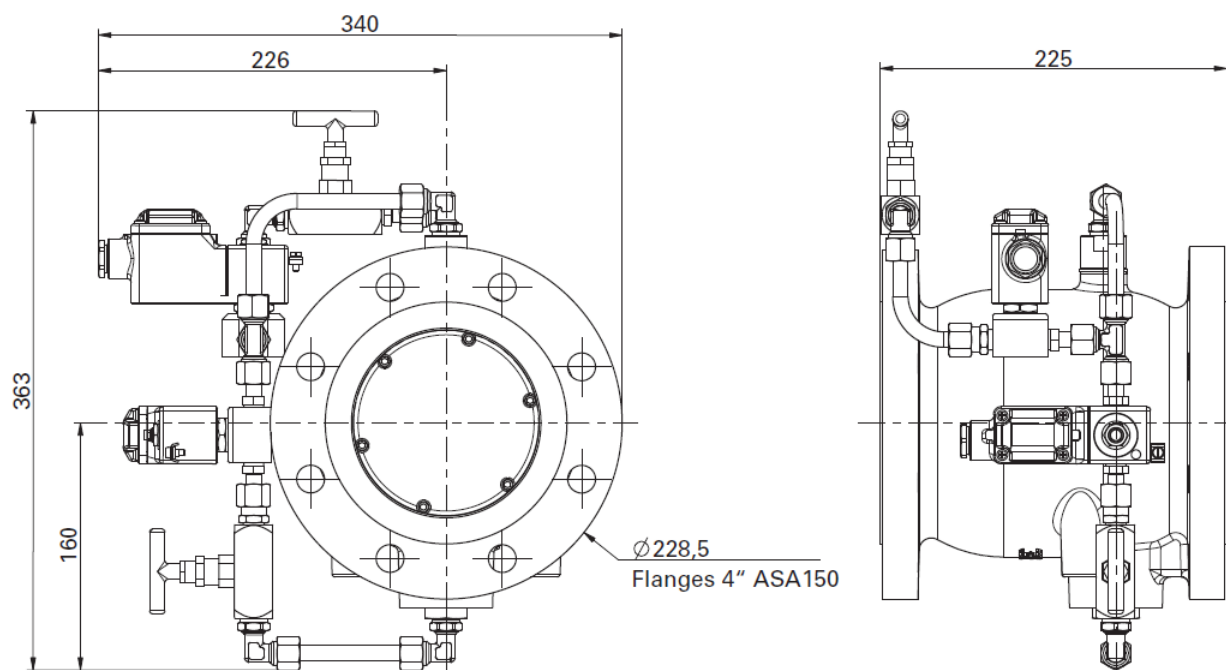
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Working principle



Dimensions and weight



Weight : 25 kg

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