

Part Number: B465A1101SR



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https://configurator.manntek.se/FFB/ONE/4/BVPSR/AL/FLANGE/DN80_TW1/FLANGE/DN80_TW1/VITON/NONE/Product12.html

Product Group

Full Flow Ballvalves

Compact and lightweight construction with full flow (low pressure drop). Suitable for the handling of different types of petroleum based products such as diesel, gasoline and aviation fuels. May also be used for other media, e.g. solvents. All wetted parts of the ballvalve are free of non-ferrous metal such as brass/bronze, safeguarding media purity.

Typically mounted as closing valve / manifold in filling and supply (unloading) lines on road tankers, aviation refuellers and dispensers and other mobile fuelling applications, e.g. pump skids and tank containers with integrated dispenser.

Two way ballvalves are suitable as a second closure to ADR on tank trucks.

They are not certified as an Internal Regulating Valve (ILV) as specified in SAE AS6401.

Certificates: Approved for the transport of dangerous goods on road (ADR) and by rail (RID).

Type examination according to EN 14432.

Apragaz File ref.: 0702/P8914/000/LMI, TDT-UW-21/16, EAC TC No. RU Д-SE.MIO62.B.02151

Ball Valve Type

Standard type - One inlet and one outlet

Standard type:

One way ball valve - one inlet and one outlet (manual or pneumatic actuation).

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Nominal Diameter

DN 80 (3")

Actuation

Pneumatic SR (Single Acting with Spring Return)

Pneumatically actuated to open remote controlled. Automatically closing, e.g. in case of power failure.



Body Material

Aluminium

Maximum Working Pressure 10 bar

Test Pressure 15 bar

Minimum Burst Pressure 50 bar

Connection 1

Flanged Connection

Connection 1 - Detail

TW 1 / 80 aluminium flange

With M10 threaded inserts

Connection Detail

Technical Drawing

Connection 2

Other Flanged Connection

Connection 2 - Detail

TW 1 / 80 aluminium flange

Connection Detail

Technical Drawing

O-Rings

Viton® (FPM/FKM) Standard

FKM/FPM (Fluorocarbon Rubber): FKM is known especially for its non-flammability, low gas permeability and excellent resistance to ozone, weathering and aging.

The operating temperatures of the Fluorocarbon Rubber range between -20° C and +200° C).

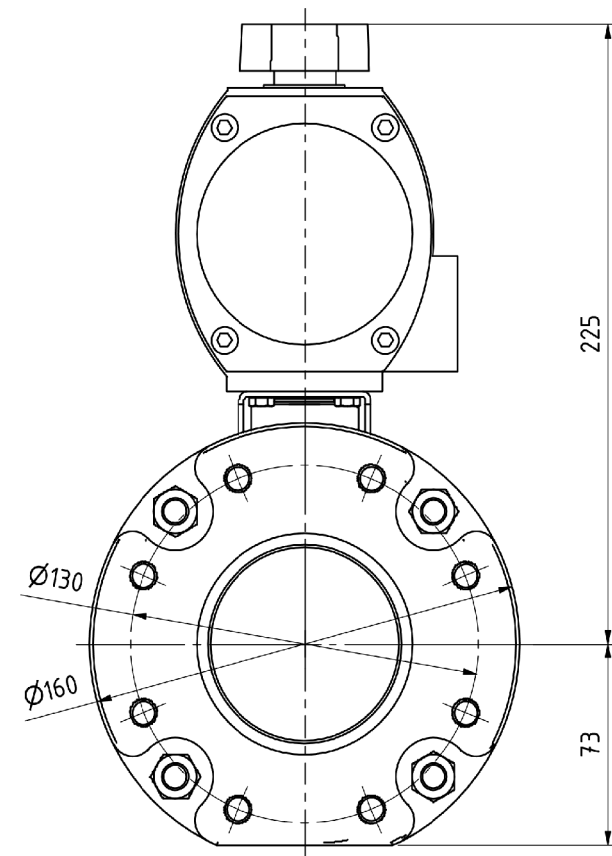
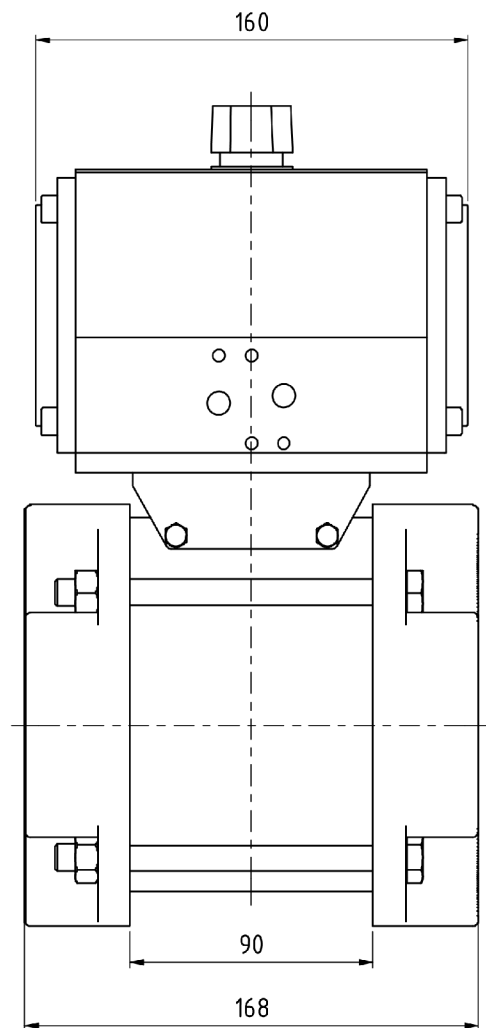
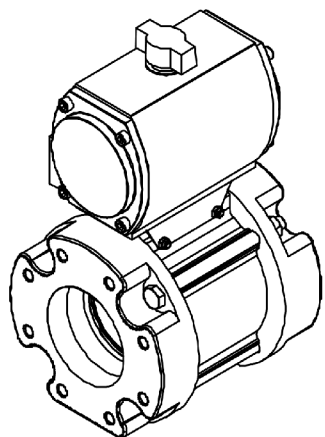
FKM is often used with mineral based oils and greases at high temperatures, aliphatic, aromatic and chlorinated hydrocarbons and oxidizing acids.

Options: Special Types

No Special Types required

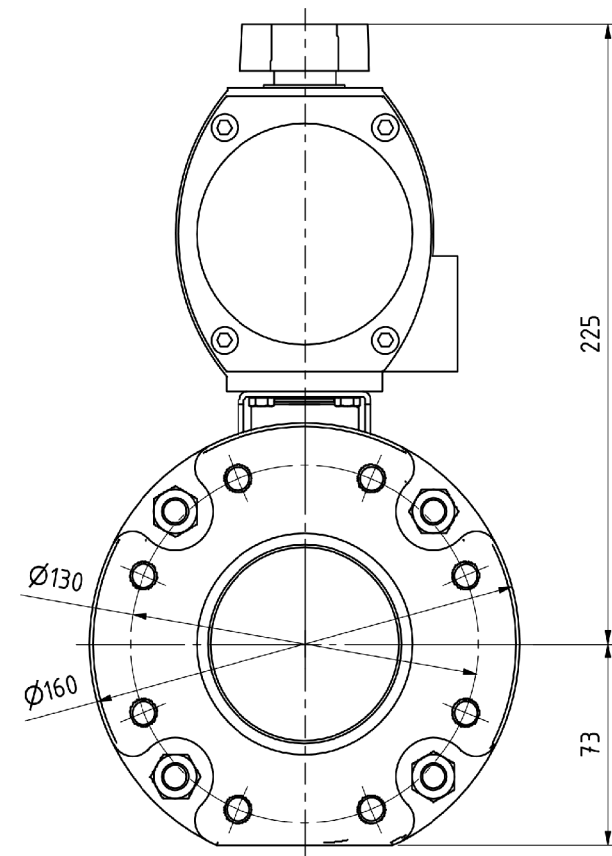
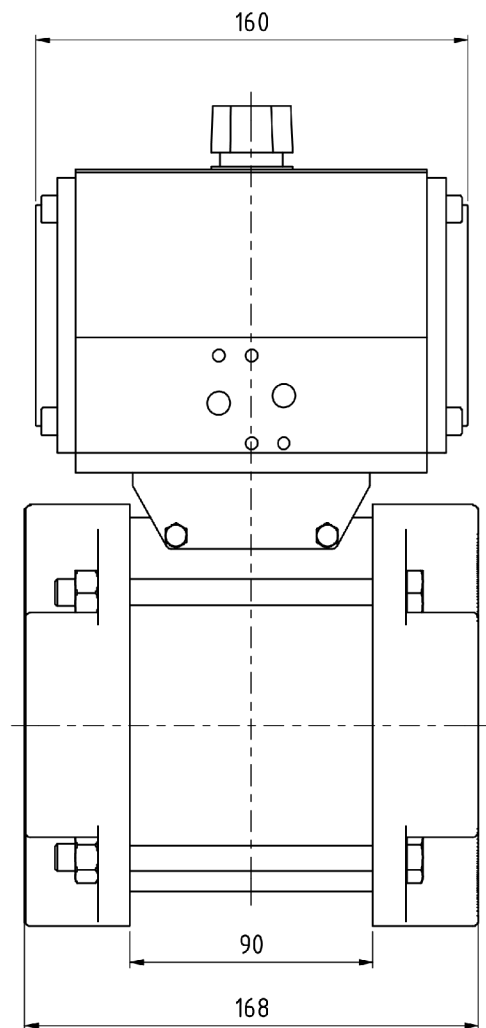
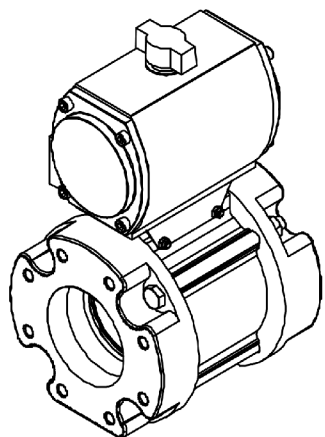
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