

Calculation and Selection of Shut-off Valves

Initial data

DN 50 [mm]	Nominal diameter	90 °C	Maximum water temperature at the installation place
Pm 10 [bar]	Maximum working pressure	5 °C	Minimum water temperature at the installation place

Selection result

Ball valve flanged

Vexve : 103

Finland

DN 50 [mm]	Nominal diameter
230 [mm]	Length along the axis of the pipeline
7.20 [kg]	Mass
PN 40 [bar]	Nominal pressure
dT -30 ... 200°C	Operating temperature (for water)
Kvs 103 [m3/h]	Flow coefficient
flanged	Connection type
steel	Body material
Water	Allowable working fluids

