



Type DRF Control Valves are used in municipal and agricultural irrigation networks. Basic valve simply consists of 3 pieces: Body, cover and the actuating diaphragm.

The special reinforced diaphragm of DRF induces the control valve required balancing spring force by the design and material details, eliminating the mechanical spring which unefficiently occupies space and has an abrasive effect on rubber material.

The required spring force is induced by the linear elasticity of the design details.

Elimination of a mechanical spring and the related mechanical parts in the control chamber gives the actuating diaphragm very long life by eliminating the abrasion caused by metal on rubber friction. Less number of operating body parts increase reliability of the valve in long term.

The valve needs virtually no maintenance by this balanced diaphragm, special coating and less moving body parts.

TECHNICAL SPECIFICATIONS

Nominal Size	DN50-DN200
Nominal Pressure	PN10 - 16 - 25 (DN50 - DN200)
Operating Pressure	20 bar (Maksimum)
Flange Standard	EN 1092-2
Labeling	EN 19
Test Standard	EN 12266-1
Operating Temperature	-10°C ... +50°C
Coating	Thermoplastic, Electrostatic Epoxy

APPLICATION AREAS

1

Drinking Water

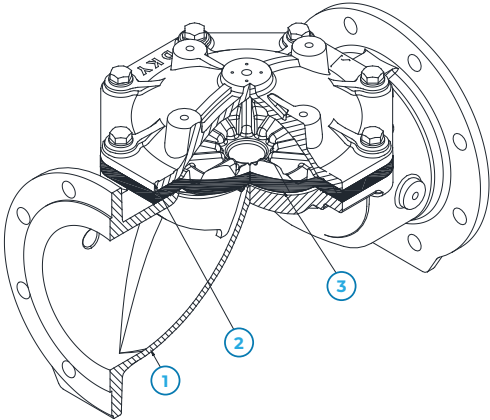
2

Industrial

3

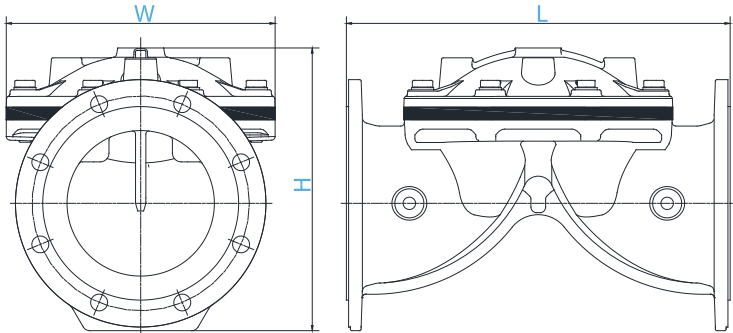
Irrigation Systems

MATERIAL FEATURES



NO	PART NAME	MATERIAL	OPTION
1	BODY	EN GJS 400-15	EN GJS 500-7
2	COVER	EN GJS 400-15	EN GJS 500-7
3	DIAPHRAGM	NBR	EPDM
	CONNECTION ELEMENTS	A2	A4

DIMENSIONS



DN	PN	L1	W	H	KG
50	10 - 16 - 25	205	165	157,5	8
65	10 - 16 - 25	216	185	207,5	10,5
80	10 - 16 - 25	283	200	245,5	16
100	10 - 16	305	226	276	20,5
	25	305	226	276	20,5
150	10 - 16	406	295	366,5	38
	25	406	295	366,5	40
200	10 - 16	521	365	464	66
	25	521	365	464	70

Our company reserves the right to make changes to the dimensions. For product dimensions and pressure classes not listed in the catalog, please contact our sales team.