

KVI FLAP VALVE 180-630

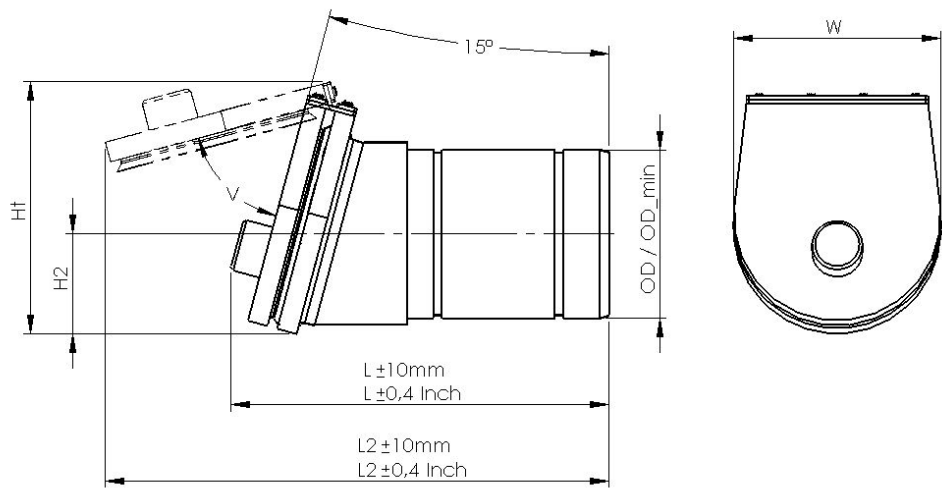
KVI 180-630 is a flap valve designed for installation in existing plastic, concrete, or steel pipes (ID to be specified when ordering). It is used to prevent backflow, for example at the outlet from sewer systems to open channels or pump stations. The flap can be installed both above and below the water surface. The flap is angled at less than 15° and mounted in a maintenance-free rubber hinge with embedded fabric reinforcement. This design ensures low hydraulic resistance in the flow direction, while a flexible seal provides reliable closure in the event of backflow. The valve seals against the existing pipe using dual rubber rings. KVI 180-630 is made of corrosion-resistant materials and contains no mechanical components. It is easy to install, requires minimal maintenance, and offers smooth opening in the flow direction with secure closure against reverse flow. Applications: Sewer systems, channels, and pump stations. Operation: Automatic flap in rubber hinge.

Product Info

Operating Temperature	-25° C - +40° C
Watertightness	DIN 19569-4 table no. 1 Class 5

Materials

Valve body	PE
Flap	PE
Flap seal	EPDM





Product Data

Name	V [°]	L [mm]	W [mm]	H2 [mm]	Ht [mm]	L2 [mm]	OD [mm]	Od_min [mm]	Weight [kg]	Pressure [mH ₂ O]	Opening Pressure [mmH ₂ O]
KVI 180	60	375	205	99	249	499	185	170	4	5	48
KVI 200	60	323	225	111	270	463	200	185	5	5	48
KVI 225	60	353	250	123	298	513	225	205	6	5	48
KVI 250	60	353	275	137	326	530	250	230	8	5	49
KVI 280	60	423	275	137	326	599	280	250	8	5	50
KVI 315	60	418	345	171	403	657	315	280	14	5	52
KVI 355	60	461	405	205	447	730	355	320	15	5	54
KVI 400	60	519	450	227	496	816	400	359	24	5	56
KVI 450	60	586	510	258	577	935	450	405	27	5	59
KVI 500	60	641	560	283	618	1015	500	450	34	5	63
KVI 560	60	693	610	307	691	1128	560	500	57	5	68
KVI 630	60	764	710	357	786	1260	630	558	64	5	74