

KKL

KKL FLAP VALVE

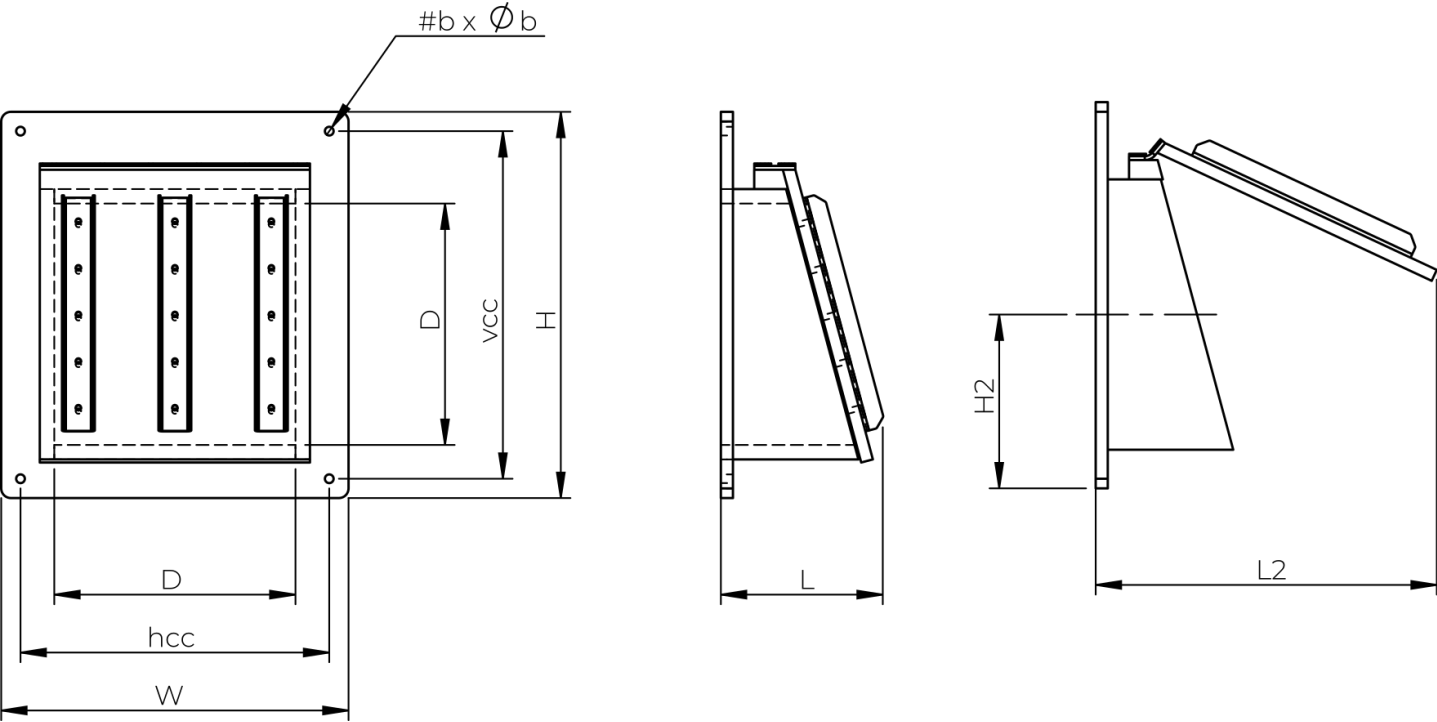
KKL is a flap valve designed for installation on flat walls. It is used in low-pressure channels to prevent backflow and flooding, and can be installed both above and below the water surface. The flap is angled at 15° and mounted in a robust, maintenance-free rubber hinge with embedded fabric. The design provides low hydraulic resistance in the flow direction, while a soft seal between the valve and frame, as well as a wall seal, ensures reliable closure. A vertical steel reinforcement is mounted on the smooth PEHD flap to prevent buildup from surface and wastewater. KKL is made of corrosion-resistant materials, has no mechanical parts, and requires minimal maintenance. It opens easily in the direction of flow and seals securely against backflow. Applications: Low-pressure channels, protection against backflow and flooding. Operation: Automatic flap in rubber hinge.

Product Info

Watertightness DIN 19569-4

Materials

Valve body	PE
Flap	PE
Gasket	EPDM
Hinge	Fibre-reinforced SBR





Product Data

Name	#B [-]	D [mm]	H [mm]	L [mm]	W [mm]	H2 [mm]	L2 [mm]	ØB [mm]	hcc [mm]	vcc [mm]	Weight [kg]	Opening Pressure [mmH ₂ O]
KKL 400X400	12	400	620	310	700	300	615	16	150	150	65	56
KKL 500X500	8	500	720	340	800	360	710	16	150	150	71	63
KKL 630X630	12	630	850	390	930	425	800	16	150	150	85	74
KKL 710X710	16	710	930	410	1010	470	910	18	150	150	110	82
KKL 800X800	16	800	1020	430	1100	515	990	18	150	150	149	93
KKL 900X900	16	900	1120	450	1200	565	1050	18	150	150	180	106
KKL 1000X1000	18	1000	1300	490	1220	650	1180	18	150	150	205	121
KKL 1100X1100	20	1100	1400	520	1320	700	1280	18	150	150	230	137
KKL 1200X1200	20	1200	1500	545	1420	750	1370	18	150	150	275	155