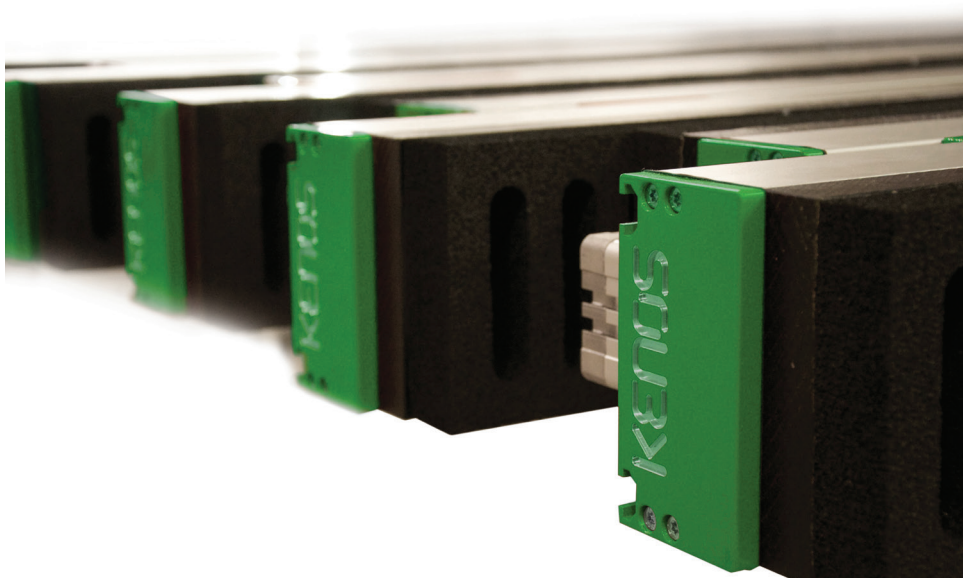


KHVG series



KHVG series products, Kenos® Heavy Vacuum Gripper, are designed for heavy duty applications in the wood and stone industry. KHVG gripping systems are suitable for handling, normally complete layer, of sawn timber, heavy planking, raw wood and materials for building, such as bricks. They are also useful to handle very long and arcuate workpieces.

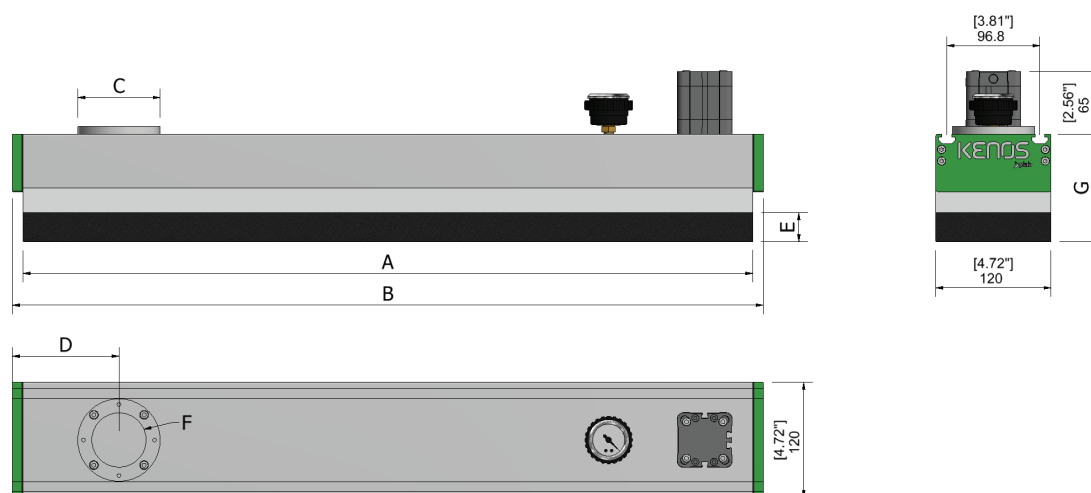
KHVG systems are prepared for external vacuum generation with side channel blower. Provided with shutter check valve technology with low sensibility to the dust.

LIFTING FORCES

Theoretic gripping force on rigid and stable surface with completely covered module, without safety factor (N).

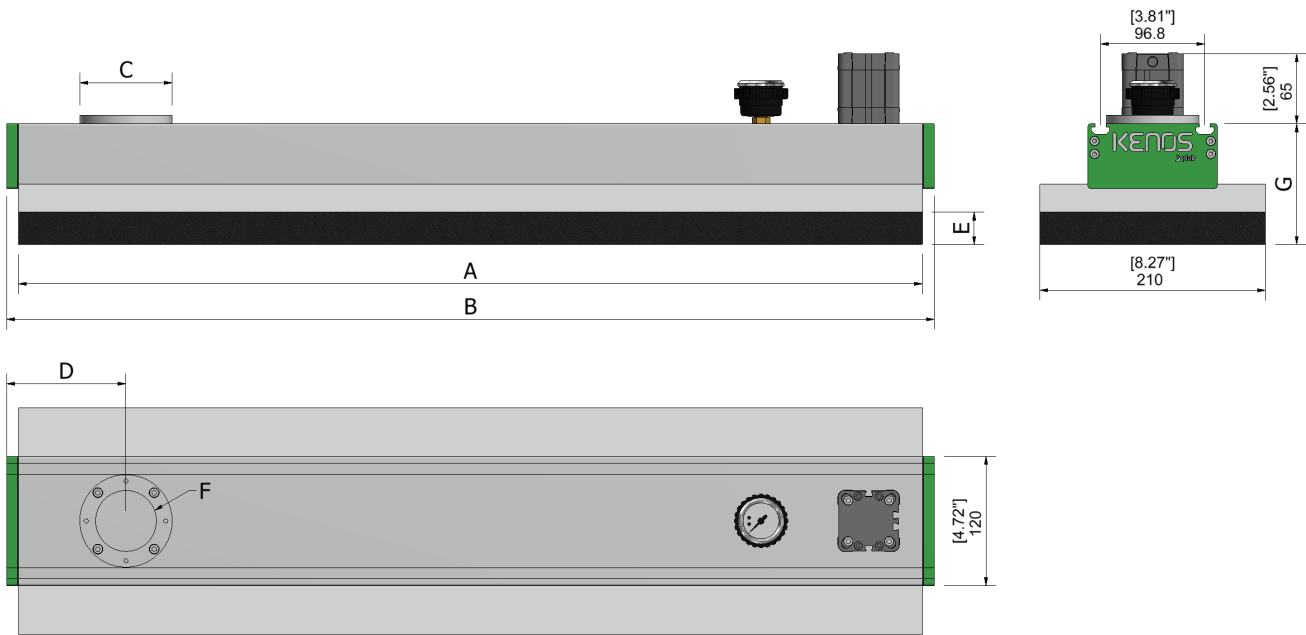
Type	Force, N, at a vacuum of				
	30%	40%	50%	60%	70%
KHVG.600.120 with step 35	726	969	1211	1453	1695
KHVG.800.120 with step 35	983	1310	1638	1966	2293
KHVG.1000.120 with step 35	1239	1652	2065	2478	2891
KHVG.1200.120 with step 35	1496	1994	2493	2991	3490
KHVG.1400.120 with step 35	1709	2279	2849	3418	3988
KHVG.600.120 with step 40	641	855	1068	1282	1496
KHVG.800.120 with step 40	855	1139	1424	1709	1994
KHVG.1000.120 with step 40	1068	1424	1780	2137	2493
KHVG.1200.120 with step 40	1282	1709	2137	2564	2991
KHVG.1400.120 with step 40	1496	1994	2493	2991	3490
KHVG.600.210 with step 35	1453	1937	2421	2906	3390
KHVG.800.210 with step 35	1880	2507	3134	3760	4387
KHVG.1000.210 with step 35	2393	3191	3988	4786	5583

Type	Force, N, at a vacuum of				
	30%	40%	50%	60%	70%
KHVG.1200.210 with step 35	2906	3874	4843	5811	6780
KHVG.1400.210 with step 35	3333	4444	5555	6666	7777
KHVG.600.210 with step 40	1282	1709	2137	2564	2991
KHVG.800.210 with step 40	1709	2279	2849	3418	3988
KHVG.1000.210 with step 40	2137	2849	3561	4273	4985
KHVG.1200.210 with step 40	2564	3418	4273	5128	5982
KHVG.1400.210 with step 40	2991	3988	4985	5982	6979



Type		A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Weight (kg)
TYPE 120	KHVG600-120	640	662	70/86	111	20/30/40	G1-1/4"/2"	112	6.7
	KHVG800-120	840	862	70/86	111	20/30/40	G1-1/4"/2"	112	8.6
	KHVG1000-120	1040	1062	86	111	20/30/40	G2"	112	11.0
	KHVG1200-120	1240	1262	86	111	20/30/40	G2"	112	13.4
	KHVG1400-120	1440	1462	86	111	20/30/40	G2"	112	16.4

*The total dimension (G) is related with 30 mm foam.



Type		A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Weight (kg)
TYPE 210	KHVG600-210	640	662	70/86	111	20/30/40	G1-1/4"/2"	112	8.7
	KHVG800-210	840	862	70/86	111	20/30/40	G1-1/4"/2"	112	11.2
	KHVG1000-210	1040	1062	86	111	20/30/40	G2"	112	13.7
	KHVG1200-210	1240	1262	86	111	20/30/40	G2"	112	16.2
	KHVG1400-210	1440	1462	86	111	20/30/40	G2"	112	17.4

*The total dimension (G) is related with 30 mm foam.

KHVG – CUSTOMER CODE

