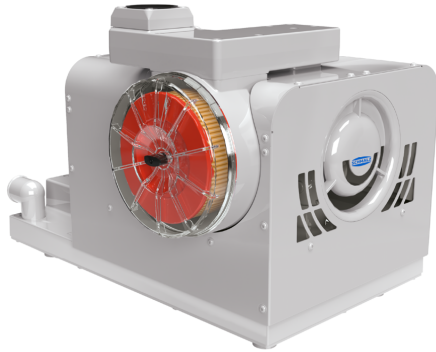
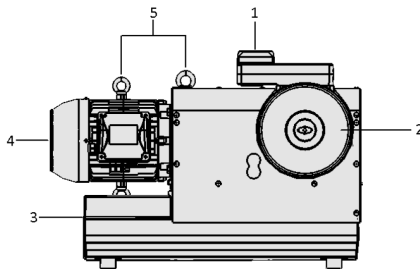


Claw Pumps EVE-KL

Suction rate from 90 m³/h to 310 m³/h



Claw Pumps EVE-KL



System Design Claw Pumps EVE-KL

Product Highlights

- Dry-running vacuum pump with high suction rate and high vacuum for large-area suction of dense and slightly porous workpieces
- Ideally suited as central vacuum generation in machines and plants thanks to high efficiency and compact design
- Nearly wear-free, contactless operating principle enables very long maintenance intervals
- Integrated, large-volume and easily accessible suction air filter saves additional filters

Suitability for Industry Specific Applications

Applications

- Energy efficient and low-maintenance vacuum pump for handling large-area components such as wooden boards
- Use in processing machines as central vacuum supply with long maintenance intervals
- Dry and oil-free vacuum generation for environments with high demands on cleanliness and low emissions
- High suction rate for workpieces with rough surfaces such as rough sawn wood or scaled sheet metal

Design

- Connection with G2 1/2" female thread for suction air (1)
- Integrated filter with transparent cover (2)
- Air outlet with integrated silencer (3)
- Motor (4) in different voltage versions
- Ring eyes (5) for securely balanced transport

Claw Pumps EVE-KL

Suction rate from 90 m³/h to 310 m³/h

Ordering Data Claw Pumps EVE-KL

Type	Part no.
EVE-KL 100 AC3 IE3-TYP1 F	10.03.01.00683
EVE-KL 100 AC3 IE3-TYP2 F	10.03.01.00684
EVE-KL 100 AC3 IE3-TYP3 F	10.03.01.00685
EVE-KL 100 AC3 IE3-TYP4 F	10.03.01.00686
EVE-KL 150 AC3 IE3-TYP1 F	10.03.01.00687
EVE-KL 150 AC3 IE3-TYP2 F	10.03.01.00688
EVE-KL 150 AC3 IE3-TYP3 F	10.03.01.00689
EVE-KL 150 AC3 IE3-TYP4 F	10.03.01.00690
EVE-KL 300 AC3 IE3-TYP1 F	10.03.01.00691
EVE-KL 300 AC3 IE3-TYP2 F	10.03.01.00692
EVE-KL 300 AC3 IE3-TYP3 F	10.03.01.00693
EVE-KL 300 AC3 IE3-TYP4 F	10.03.01.00694

Ordering Data Spare Parts Claw Pumps EVE-KL

Spare Parts	Part no.
FILT-EINS 197x102 PAP EVE-KL	Filter insert (round) 10.03.01.00701
FILT-EINS 197x102 PES EVE-KL	Filter insert (round) 10.03.01.00702
OEL EVE-KL 1L	Oil 27.02.01.00078

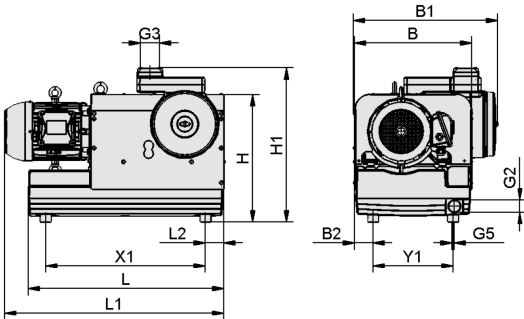
Technical Data Claw Pumps EVE-KL

Type	Vacuum (50 Hz) [mbar]	Suction rate (50 Hz) [m ³ /h]	Suction rate (60 Hz) [m ³ /h]	Voltage	Protection type IP	Weight [kg]
EVE-KL 100 AC3 IE3-TYP1 F	950	100	120	230/400V - AC	IP 55	121
EVE-KL 100 AC3 IE3-TYP2 F	950	100	120	230/400V - AC	IP 55	133
EVE-KL 100 AC3 IE3-TYP3 F	950	100	120	290-500V AC3	IP 55	131
EVE-KL 100 AC3 IE3-TYP4 F	950	100	120	220/346V AC3	IP 55	125
EVE-KL 150 AC3 IE3-TYP1 F	900	150	180	230/400V - AC	IP 55	190
EVE-KL 150 AC3 IE3-TYP2 F	900	150	180	230/400V - AC	IP 55	201
EVE-KL 150 AC3 IE3-TYP3 F	900	150	180	290-500V AC3	IP 55	200
EVE-KL 150 AC3 IE3-TYP4 F	900	150	180	220/346V AC3	IP 55	194
EVE-KL 300 AC3 IE3-TYP1 F	850	275	325	400V - 690V	IP 55	323
EVE-KL 300 AC3 IE3-TYP2 F	850	275	325	230/400V - AC	IP 55	328
EVE-KL 300 AC3 IE3-TYP3 F	850	275	325	290-500V AC3	IP 55	331
EVE-KL 300 AC3 IE3-TYP4 F	850	275	325	220/346V AC3	IP 55	329

Claw Pumps EVE-KL

Suction rate from 90 m³/h to 310 m³/h

Design Data Claw Pumps EVE-KL



EVE-KL

Claw Pumps EVE-KL

Suction rate from 90 m³/h to 310 m³/h

Design Data Claw Pumps EVE-KL

Type	B [mm]	B1 [mm]	B2 [mm]	G2	G3	G5	H [mm]	H1 [mm]	L [mm]	L1 [mm]	L2 [mm]	X1 [mm]	Y1 [mm]
EVE-KL 100 AC3 IE3- TYP1 F	440	537	70	G1-1/2"-F	G2-1/2"-F	M10-F	431	533	735	768	70	600	300
EVE-KL 100 AC3 IE3- TYP2 F	440	537	70	G1-1/2"-F	G2-1/2"-F	M10-F	431	533	735	805	70	600	300
EVE-KL 100 AC3 IE3- TYP3 F	440	537	70	G1-1/2"-F	G2-1/2"-F	M10-F	431	533	735	805	70	600	300
EVE-KL 100 AC3 IE3- TYP4 F	440	537	70	G1-1/2"-F	G2-1/2"-F	M10-F	431	533	735	799	70	600	300
EVE-KL 150 AC3 IE3- TYP1 F	440	537	70	G1-1/2"-F	G2-1/2"-F	M10-F	478	580	735	805	70	600	300
EVE-KL 150 AC3 IE3- TYP2 F	440	537	70	G1-1/2"-F	G2-1/2"-F	M10-F	478	580	735	823	70	600	300
EVE-KL 150 AC3 IE3- TYP3 F	440	537	70	G1-1/2"-F	G2-1/2"-F	M10-F	478	580	735	847	70	600	300
EVE-KL 150 AC3 IE3- TYP4 F	440	537	70	G1-1/2"-F	G2-1/2"-F	M10-F	478	580	735	823	70	600	300
EVE-KL 300 AC3 IE3- TYP1 F	483	580	92	G2"-F	G2-1/2"-F	M10-F	541	624	808	918	71	670	300
EVE-KL 300 AC3 IE3- TYP2 F	483	580	92	G2"-F	G2-1/2"-F	M10-F	541	624	808	918	71	670	300
EVE-KL 300 AC3 IE3- TYP3 F	483	580	92	G2"-F	G2-1/2"-F	M10-F	541	624	808	918	71	670	300
EVE-KL 300 AC3 IE3- TYP4 F	483	580	92	G2"-F	G2-1/2"-F	M10-F	541	624	808	918	71	670	300