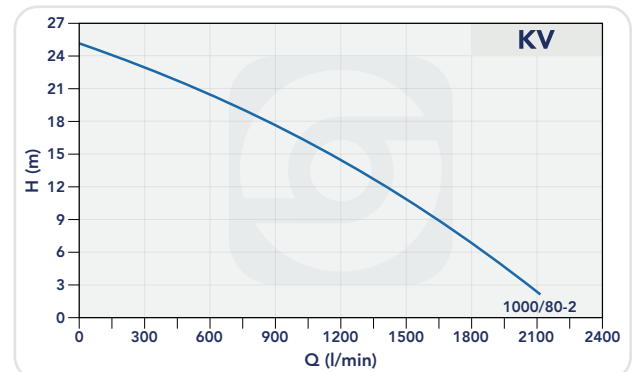
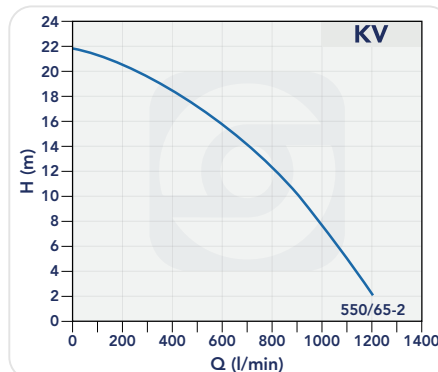




KV Series - 2 poles

Submersible sewage pump



Description

- Submersible sewage pump that finds extensive use in the industrial, agricultural and civil sectors for the draining of clean waters, dirty waters containing suspended matters, filamentous matters, and activated or untreated muds.
- The impeller is a vortex type.
- The components have been precisely selected for maximum reliability and long service life even in the toughest applications.
- Not suitable for pumping combustible fluids. It is also forbidden to position or to remove the pump by means of the electric cable.

Materials

Pump casing	GG-20 cast iron
Impeller	GG-20 cast iron
Motor casing	GG-20 cast iron
Motor-pump shaft	420 SS
Mechanical seal	- Upper: alumina/graphite - Intermediate: SiC + lip seal
Gaskets	Nitrile rubber

Technical data

Motor	Three-phase
Tension	- Three-phase 230/400 V $\pm$ 5% up to 5,5 HP - Three-phase 400/690 V $\pm$ 5% from 7,5 HP
Poles	2
Level of protection	IP68
Insulation	F Class

Usage limits

Range of flow rates	Up to 2100 l/min depending on the model
Range of pressures	Up to 2,4 bar depending on the model
Max. Working pressure	4 bar
Max. Working temperature (continuous duty)	40°C

Max. Working temperature (intermittent duty)	80°C
Minimum pumping level	20 cm above the pump casing
Maximum fluid density	Not exceeding 1100 kg/m ³



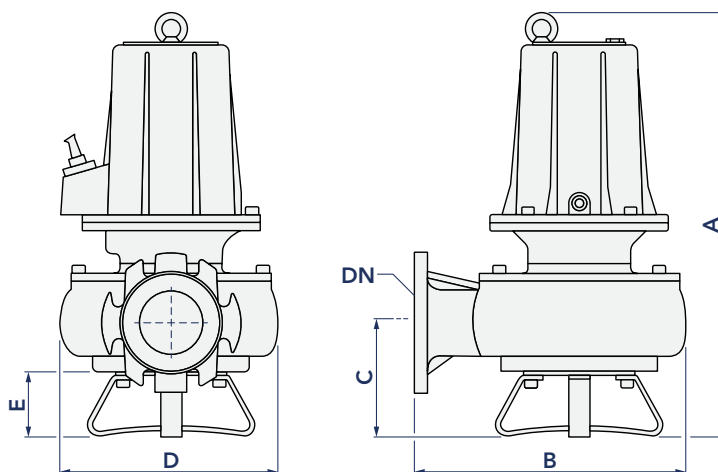
Main characteristics

Model	Power		Consumption (A)	RPM	Section of cable	Cable extension	Solid parts
	HP	kW	Three-phase		mm	m	mm
			400V				
KV 550/65-2 T	5,5	4	9,2	2850	5x1,5	10	Ø60
KV 1000/80-2 T	10	7,5	14,8	2820	5x1,5	10	Ø70

Operating features

Model			Height											
			2 m	4	6	8	10	12	14	16	18	20	22	24
			0,2 bar	0,4	0,6	0,8	1	1,2	1,4	1,6	1,8	2	2,2	2,4
KV 550/65-2 T	Flow	m³/h	72	66,6	63	57,6	52,2	46,8	43,2	36	27	16,2		
		l/min	1200	1110	1050	960	870	780	720	600	450	270		
KV 1000/80-2 T		m³/h	120,6	115,2	108	100,8	93,6	86,4	72	57,6	45	36	21,6	9
		l/min	2010	1920	1800	1680	1560	1440	1200	960	750	600	360	150

Dimensions



Model	Pump dimensions						Weight
	DN	A	B	C	D	E	kg
KV 550/65-2 T	65	524	297	89,5	215	50	60
KV 1000/80-2 T	80	650	337	112	234	64	85