

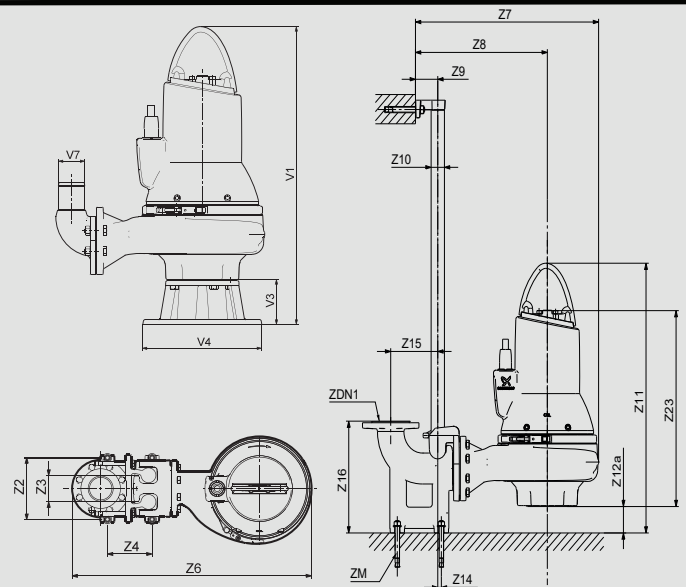
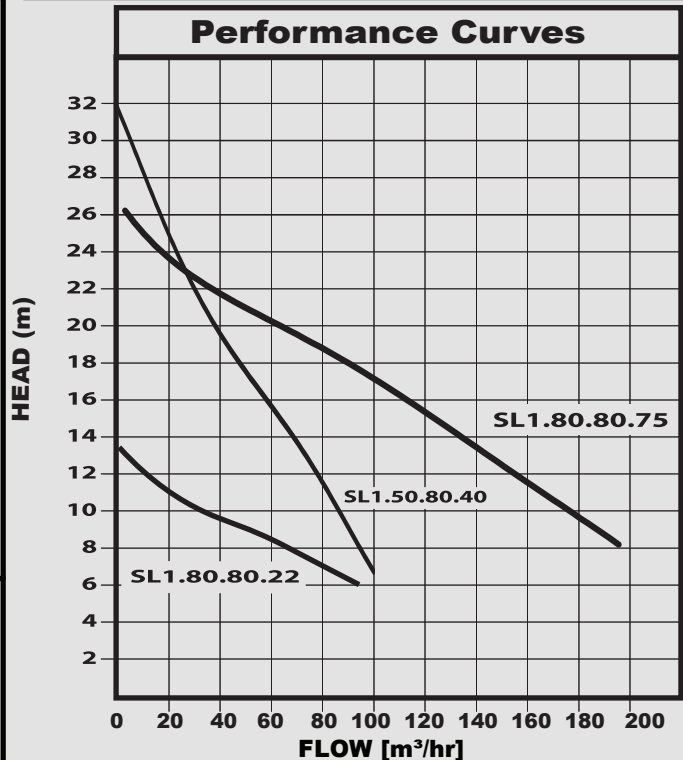


### APPLICATION

The GRUNDFOS SL1 pumps are free-flow (Super-Vortex) or single-channel impeller pumps specifically designed for pumping sewage and waste water in a wide range of municipal, private and industrial applications. The pumps are made of wear-resistant materials such as cast iron and stainless steel that ensure long and reliable operation.

### CONSTRUCTION FEATURES

- Designed for submerged installations
- Moisture-proof cable plug connection
- Stainless steel clamp connection between motor housing and pump housing, for easy service.
- Double mechanical cartridge shaft seal for easy service and perfect seal face alignment.
- Heavy duty bearing greased for life.
- Pumps built for frequency converter operation.
- Self-cleaning single-channel impeller with long vane, thus reducing the risk of jamming or clogging.



### TECHNICAL DATA

Pump Type	V1	V3	V4	V5	V6	V7	V∅	Power [kW]	Max. Current [A]	Start Current [A]	Starter Type
SL.80.80.22	807	130	325	270	525	80	18	2.2	5	38	DOL
SL.50.80.40	812	130	355	300	567	80	19	4	9	93	SD
SL.80.80.75	948	130	355	300	648	80	19	7.5	15	109	SD

Pump Type	Z2	Z3	Z4	Z6	Z7	Z9	Z10 ["]	Z11	Z12a	Z14	Z15	Z16	ZDN1	Weight [kg]
SL.80.80.22	220	95	160	788	595	81	1.5	790	108	13	171	345	100	107
SL.50.80.40	220	95	160	760	567	81	1.5	808	132	13	171	345	65	116
SL.80.80.75	260	110	270	878	652	110	2	830	148	0	220	413	100	193