DAE Pumps

DESIGNED AND ENGINEERED PUMPING SOLUTIONS

Lansing 150 - 15 kW / 20 HP

Submersible Drainage Pumps

DAEPUMPS.COM

info@daepumps.com

(760) 821-8112

SUBMERSIBLE DRAINAGE PUMP

Submersible slurry pump with a 4-pole motor for an increased lifetime and greater convenience.
High chrome alloy impeller combined with agitator for pumping heavy slurry.
Slim desigh with a top discharge enabling inStallation in smaller casing.
For bentonite mixed waterin foundation works or muddy water in civil engineering works.

SPECIFICATION

- Capacity: up to 372 m3/h
- Head: up to 32 meters
- Discharge: 80mm(3”) to 200mm(8”)
- Power: 4 kW(5.5HP) to 22 kW (30HP)
- Power supply: three phase
  380V ± 10%,50Hz
  380V ± 10%,60Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 8m
- Water temperature: up to 40°C
- Max.water depth: 15m

APPLICATION

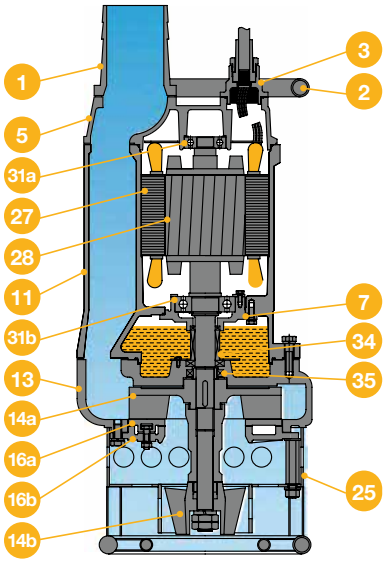
- Civil engineering
- Mines, quarries, coal ore & slurries
- Sewage treatment plants
- General pumping purposes
- Pumping fluid: sludge, liquids-containing mud and bentonite

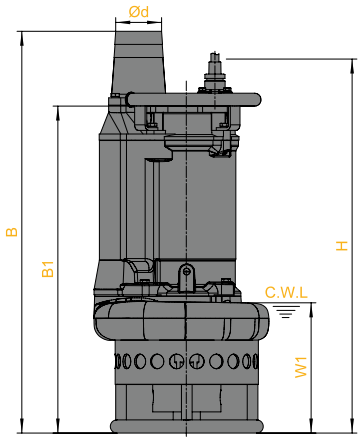
SPECIAL FEATURES ON REQUEST

- Other voltages
- The length of cable is optional

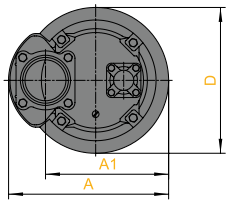
Item No.	Part name	Material
01	Hose coupling	Cast iron
02	Handle	Steel
05	Upper cover	Cast iron
07	Bearing house	Cast iron
11	Motor body	Cast iron
13	Pump body	Cast iron
14a	Impeller	High chrome alloy
14b	Agitator	High chrome alloy
16a	Inlet plate	High chrome alloy

Item No.	Part name	Material
16b	Inlet plate	Cast iron
25	Strainer	Steel
27	Stator	
28	Rotor	Shaft:AIS1420SS
31a	Bearing	Ball bearing
31b	Bearing	Ball bearing
34	Mechanical sea	Sic-Sic/Sic-Sic Tc-Sic/Sic-Sic(≥15kW)
35	Oil seal	
47	Cable	

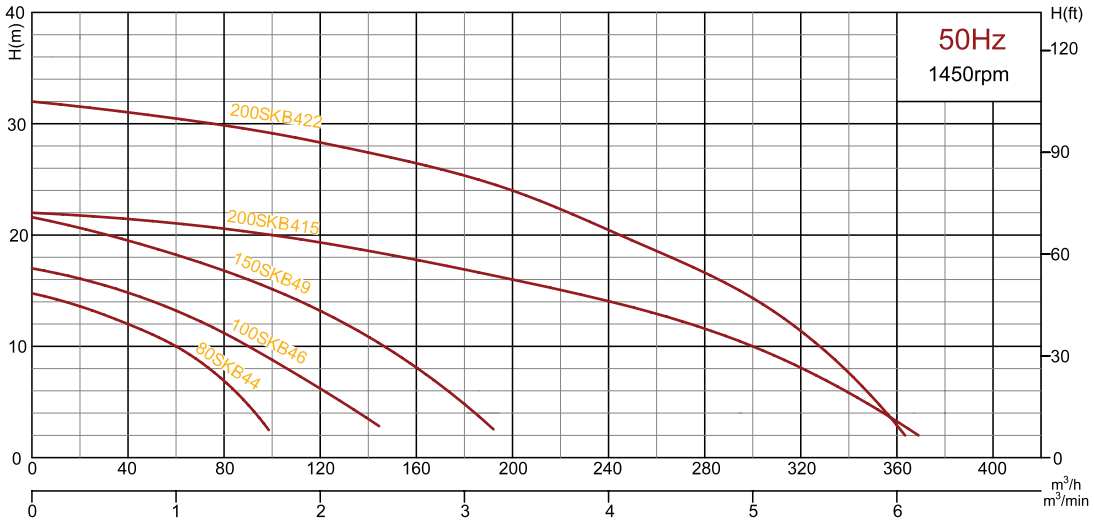


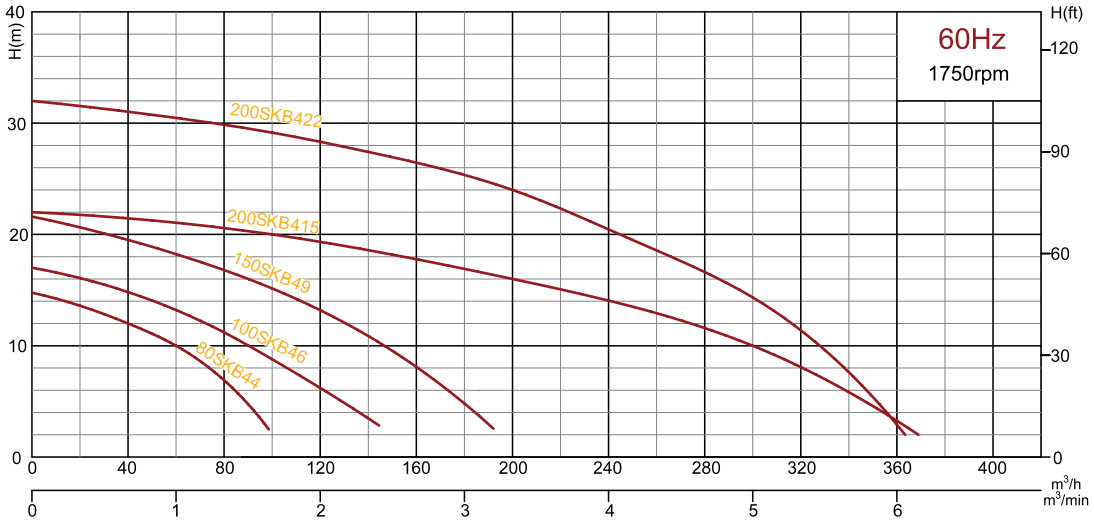


W1:Continuous running water level



Model 50/60HZ	Outlet	Motor	power	Starting Method	Rated current (380V)	Rated	capacity	Rated head	Max capacity		Max head	impeller passage
	in	kW	HP		A	m3/h	m3/min	m	m3/h	m3/min	m	mm
Lansing 40	3.2	4	5.5	D.O.L.	10.2	60	1	10	99	1.65	14.8	1.2
Lansing 60	3.9	6	8	D.O.L.	13.8	90	1.5	10	144	2.4	16.9	1.2
Lansing 90	5.9	9	12	D.O.L.	19.5	100	1.67	15	192	3.2	21.5	1.2
Lansing 150	7.9	15	20	D.O.L.	30.1	200	3.33	16	372	6.2	22	1.2
Lansing 220	7.9	22	30	Star-Delta	42	200	3.33	24	360	6	32	1.2





Model 50/60HZ	Outlet	Motor	power	Starting Method	Rated current (380V)	Rated	capacity	Rated head	Max capacity		Max head	impeller passage
	in	kW	HP		A	m3/h	m3/min	m	m3/h	m3/min	m	mm
Lansing 40	3.2	4	5.5	D.O.L.	10.2	60	1	10	99	1.65	14.8	1.2
Lansing 60	3.9	6	8	D.O.L.	13.8	90	1.5	10	144	2.4	16.9	1.2
Lansing 90	5.9	9	12	D.O.L.	19.5	100	1.67	15	192	3.2	21.5	1.2
Lansing 150	7.9	15	20	D.O.L.	30.1	200	3.33	16	372	6.2	22	1.2
Lansing 220	7.9	22	30	Star-Delta	42	200	3.33	24	360	6	32	1.2