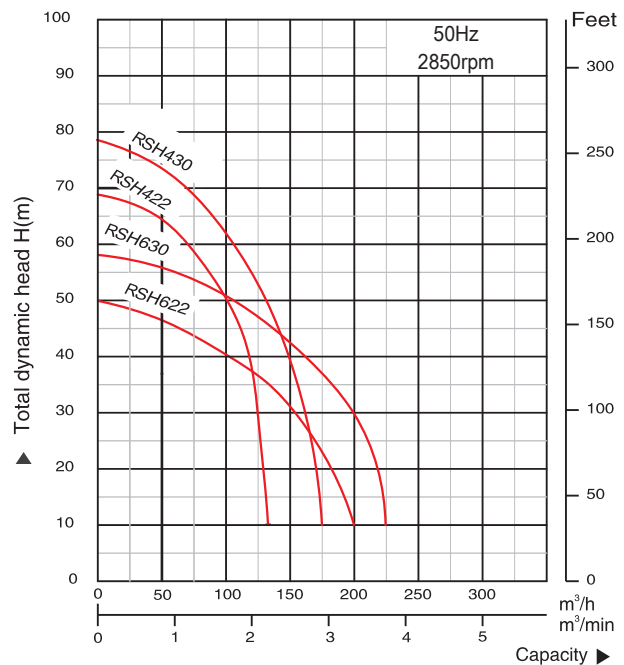


The body of motor and pump is made of rigid cast iron for long-lasting durability.
 Greatly increased maximum submersion depth due to double mechanical seal resistant to high pressure
 Hydraulic part under the motor and motor cooled by the pumped water for safe operation also with the pump only partially immersed. Space economy by a top outlet.
 Hermetically sealed motor equipped.
 Discharge 100mm(4") to 150mm(6 "), motor 22kW(30HP) to 30 kW (40HP)
 Motor is dry type submersible induction motor (2 poles).



Specification

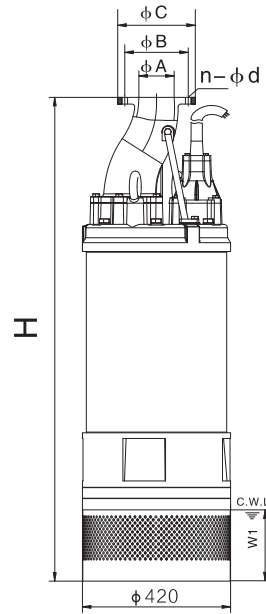
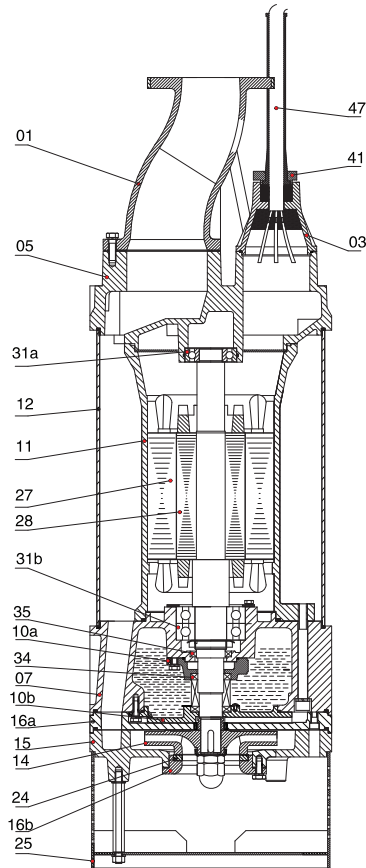
- Capacity: up to 220 m³/h
- Head: up to 78 meters
- Power : 22kW(30HP) to 30 kW (40HP)
- Supply voltage : Three Phase 400 V ± 10%, 50Hz, 60Hz
- Insulation class: F
- Protection class: IP68
- Cable Length : 20m
- Water temperature: up to 40°C
- Max. water depth: 30 m

Application

- Deep-well pre-dewatering or high-head dewatering
- Civil engineering and construction works
- Mines, quarries, coal ore & slurries
- Sewage treatment plants
- General pumping purposes

Special features on request

- Other voltages
- The length of cable is optional



W1: Continuous running water level

Model	H	W1	φ A	φ B	φ C	n-φ d
RSH422	1374	240	100	180	220	8-φ 17.5
RSH430	1374	240	100	180	220	8-φ 17.5
RSH622	1434	250	150	240	285	8-φ 22
RSH630	1434	250	150	240	285	8-φ 22

Item No.	Part name	Material	Item No.	Part name	Material
01	Hose coupling	Ductile iron	16b	Inlet plate	Cast iron
03	Terminal box	Cast iron	24	Neck ring	High chrome alloy
05	Upper cover	Cast iron	25	Strainer	AISI304SS
07	Bearing house	Cast iron	27	Stator	
10a	Seal bracket	Cast iron	28	Rotor	Shaft:AISI420SS
10b	Seal bracket	Cast iron	31a	Bearing	Ball bearing
11	Motor body	Cast iron	31b	Bearing	Ball bearing
12	Outer casing	Steel	34	Mechanical seal	Tc-Sic/Sic-Sic
14	Impeller	High chrome alloy	35	Oil seal	
15	Diffuser	Ductile iron	41	Shim	Cast iron
16a	Inlet plate	Ductile iron	47	Cable	

Model	Outlet	Motor power		Rated capacity		Rated head	Max capacity		Max head	Impeller passage	N.W	G.W	Packing dimension
	mm	kW	HP	m ³ /h	m ³ /min		m	m ³ /h					
RSH422	100	22	30	66	1.1	60	130	2.17	68	6	365	408	620X740X1540
RSH430	100	30	40	72	1.2	70	170	2.83	78	6	370	413	620X740X1540
RSH622	150	22	30	120	2.0	37	200	3.33	50	15	375	420	620X740X1600
RSH630	150	30	40	140	2.33	45	220	3.67	56	15	380	425	620X740X1600