

Model 50/60HZ	Outlet	Motor power		Starting Method	Rated current (380V) A	Rated capacity		Rated head m	Max capacity		Max head m	impeller passage mm
	mm	kW	HP			m³/h	m³/min		m³/h	m³/min		
80KBS44	80	4	5.5	D.O.L.	10.2	60	1.0	10	99	1.65	14.8	30
100KBS46	100	6	8	D.O.L.	13.8	90	1.50	10	144	2.40	16.9	30
150KBS49	150	9	12	D.O.L.	19.5	100	1.67	15	192	3.20	21.5	30
200KBS415	200	15	20	D.O.L.	30.1	200	3.33	16	372	6.20	22	30
200KBS422	200	22	30	Star-Delta	42	200	3.33	24	360	6	32	30

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 30kW(40HP) Motor is dry type submersible induction motor (2 poles)

**Specification**

- Capacity: up to 372 m³/h
- Head: up to 90 meters
- Power: 22 kW(30HP) to 45 kW (60HP)
- Power supply: three phase 400V±10%,50Hz  
380V±10%,60Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 20m
- Water temperature: up to 40°C
- Max. water depth: 30m

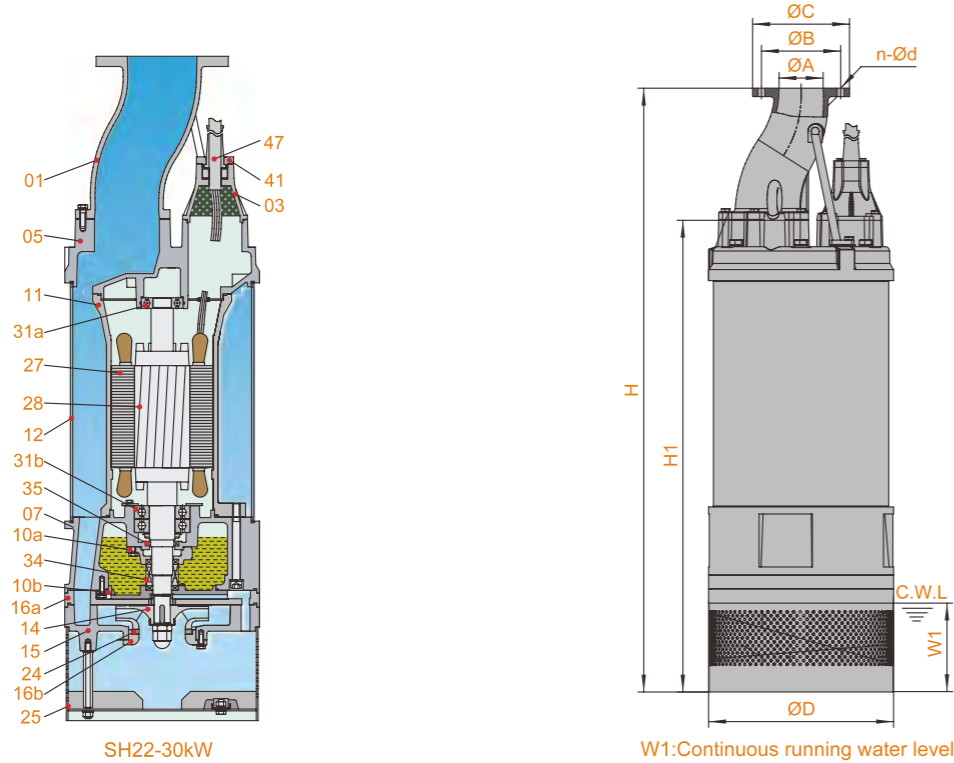
**Application**

- 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**

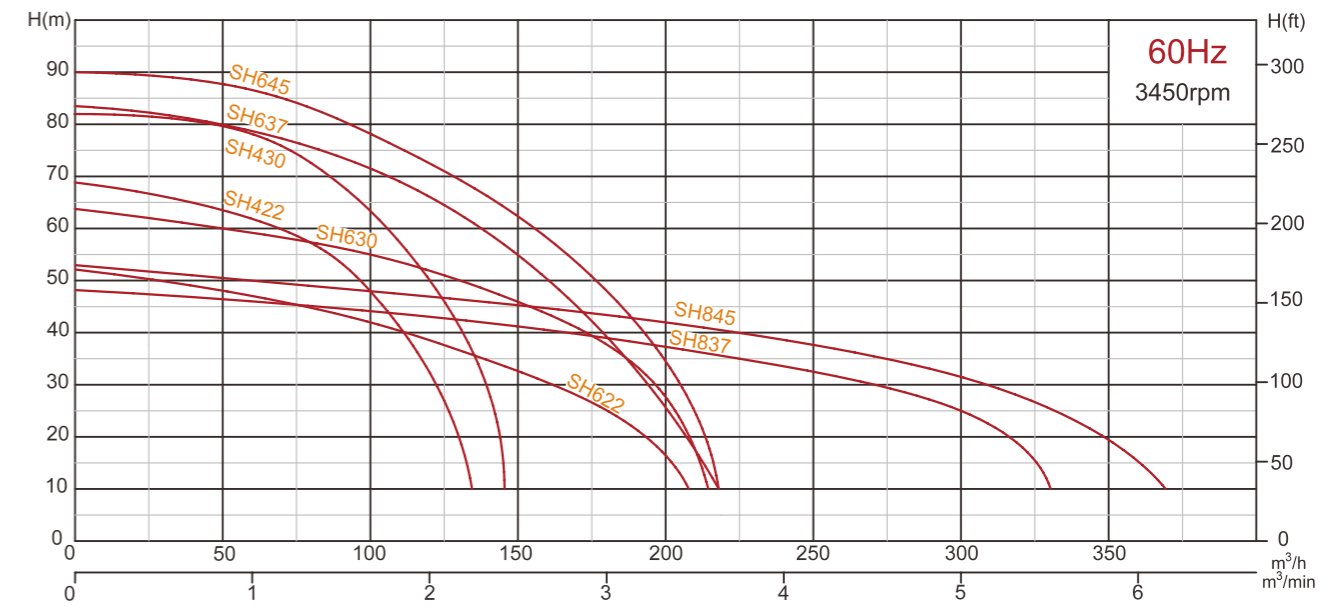
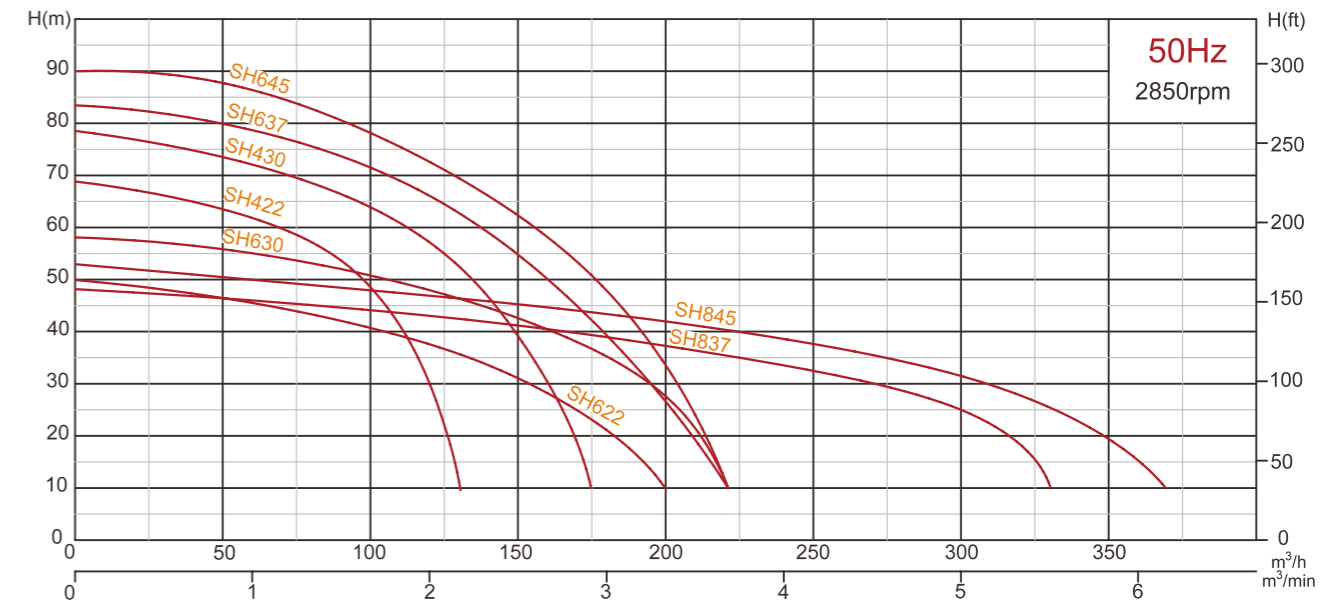
- Other voltages
- The length of cable is optional





Item No.	Part name	Material	Item No.	Part name	Material
01	Hose coupling	Ductile iron	16b	Inlet plate	Cast iron
02	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:AIS1420SS
10b	Seal bracket	Cast iron	31a	Bearing	Ball bearing
11	Motor body	Cast iron	31b	Bearing	Ball bearing
12	Outer casing	High chrome alloy	34	Mechanical sea	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	A	B	C	n-φd	D	H	H1	W1	N.W	G.W	Packing dimension
(50/60Hz)	mm	mm	mm	mm	mm	mm	mm	mm	Kg	Kg	(mm)
SH422	100	180	220	8-φ17.5	420	1374	1072	240	370	410	620*740*1540
SH430	100	180	220	8-φ17.5	420	1374	1072	240	375	415	620*740*1540
SH622	150	240	285	8-φ22	420	1434	1082	250	385	425	620*740*1600
SH630	150	240	285	8-φ22	420	1434	1082	250	390	430	620*740*1600
SH637	150	240	285	8-φ22	530	1424	1072	180	570	615	680*740*1650
SH645	150	240	285	8-φ22	530	1424	1072	180	575	620	680*740*1650
SH837	200	295	340	12-φ22	530	1474	1072	180	575	625	680*740*1700
SH845	200	295	340	12-φ22	530	1474	1072	180	580	630	680*740*1700



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		kW	HP		m³/h	m³/min		m³/h	m³/min		
SH422	100	22	30	41.5	66	1.1	60	130/138	2.17/2.3	68	6
SH430	100	30	40	54	72	1.2	70/75	170/144	2.83/2.4	78/82	6
SH622	150	22	30	41.5	120	2.0	37/40	200/210	3.33/3.5	50/52	15
SH630	150	30	40	54	140	2.33	45/48	220/216	3.67/3.6	58/64	15
SH637	150	37	50	66	60	1.0	80	220	3.67	83	6
SH645	150	45	60	80	84	1.4	80	220	3.67	90	6
SH837	200	37	50	66	216	3.6	35	330	5.5	48	20
SH845	200	45	60	80	270	4.5	35	372	6.2	53	20