

PV(M) SUBMERSIBLE PUMP

The PV(M) pump is made of stainless steel and special resin, The pump is not only light weight but also corrosion-resistant as well. Built-in vortex impeller and large passage facilitate pump operation to readily dispose of liquid containing various kinds of foreign matters.

Application

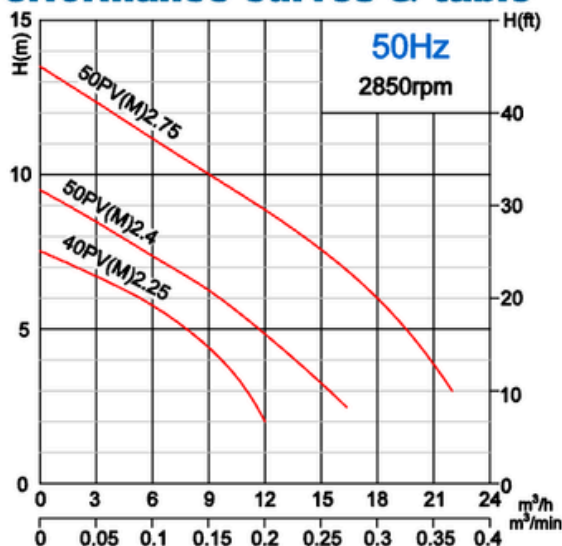
- Transferring wastewater between the tanks at small-scale treatment facility.
- Draining sewage from factory, residence, hotel, restaurant, etc.
- Pumping rainwater and springwater at a place where foreign objects are likely to run into the water.

Specification

- Water temperature: up to 40°C
- PH: 4 to 10
- Power supply: single phase 220V $\pm$ 10%, 50Hz, 60Hz
three phase 380V $\pm$ 10%, 50Hz, 60Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 8m
- Max water depth: 10m



Performance curves & table



Model (50/60Hz)	Outlet	Motor power		Rated current (A)		Rated capacity		Rated head	Max capacity		Max Head	Impeller Passage
	mm	kW	HP	1~	3~	m³/h	m³/min	m	m³/h	m³/min	m	mm
40PV(M)2.25(F)	40(50)	0.25	0.34	2.0	0.9	8	0.13	5	12	0.2	7.5	35
50PV(M)2.4(F)	50	0.4	0.55	3.0	1.3	9	0.15	6	16.8	0.28	9.5	35
50PV(M)2.75(F)	50	0.75	1	5.0	2.0	12	0.2	9	22.2	0.37	13.5	35

• PV: Three phase; PVM: Single phase; PVM...F: Single phase with Float switch

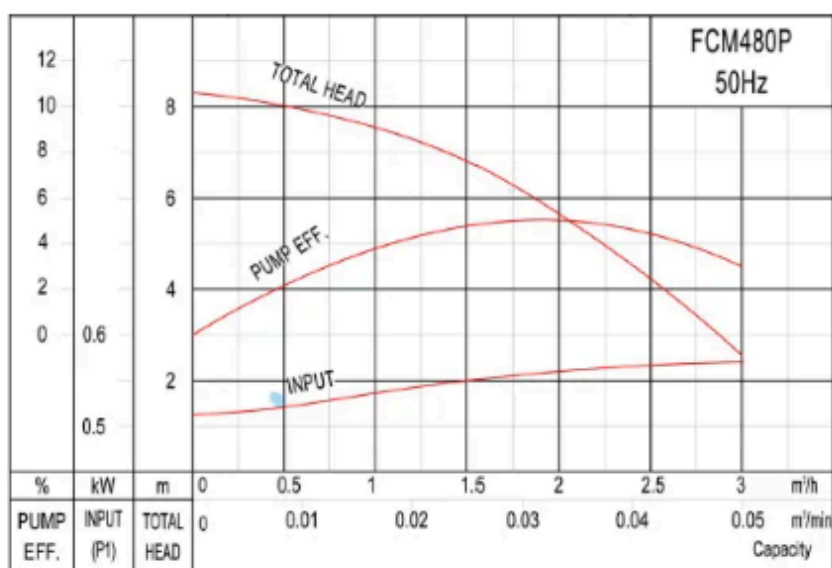
FC(M) SUBMERSIBLE DRAINAGE PUMP

The FCM-P self-priming residue dewatering pump is a light weight, self-priming pump, designed to operate both on surface and submerged.



Performance curves

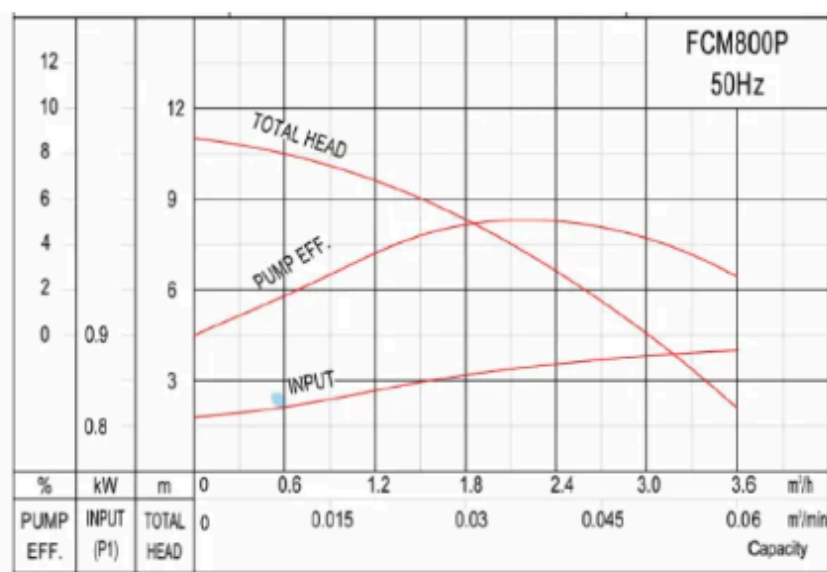
FCM-480P



Specification:

- 1) PH : 6.5 to 8.5
- 2) Insulation class: F
- 3) Protection class: IP68
- 4) Cable length : 6m
- 5) Water temperature: up to 40°C
- 6) Max.water depth : 10m
- 7) Suction hose : 5m

FCM-800P



FS(M) SUBMERSIBLE DRAINAGE PUMP

Semi Vortex impeller design minimize the Clogging situation for maximum durability and maintaining pump performance. Built-in shaft mounted agitator prevents the “air lock” and reduces the clogging situation.

Application

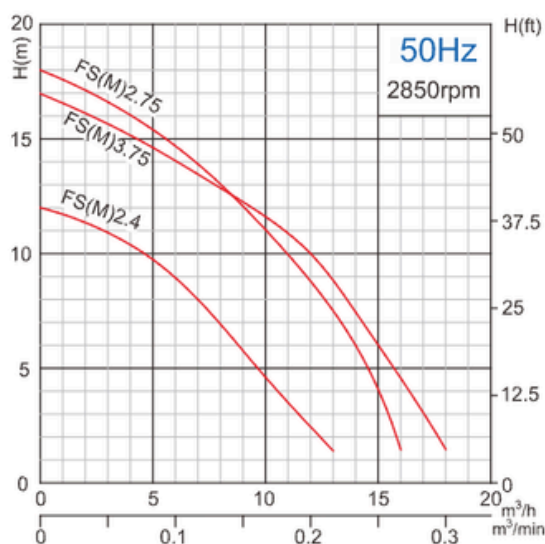
Civil engineering, building sites, basements or other utility Pits, rainwater, mud water and high-viscosity fluid.

Specification

- Water temperature: up to 40°C
- PH: 6.5 to 8.5
- Power supply: single phase 220V $\pm$ 10%,50Hz,60Hz
three phase 380V $\pm$ 10%,50Hz,60Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 8m
- Max water depth: 10m



Performance curves & table



Model (50/60Hz)	Outlet	Motor power		Rated current (A)		Rated capacity		Rated head	Max capacity		Max Head	Impeller Passage
	mm	kW	HP	1~	3~	m³/h	m³/min	m	m³/h	m³/min	m	mm
FS(M)2.4(F)	50	0.4	0.55	3.0	1.3	7	0.12	8	12.6	0.21	12	6
FS(M)2.75(F)	50	0.75	1	5.0	2.0	10	0.17	11	16/15	0.27/0.25	18/19	6
FS(M)3.75(F)	80	0.75	1	5.0	2.0	12	0.20	10	18	0.3	17/18	6

•FS:Three phase; FSM:Single phase; FSM...F:Single phase with Float switch

FDM SUBMERSIBLE SLURRY PUMP

High effective motor competent to pump highly laden mud water .The impeller and agitator made of high chrome alloy ensure great durability.Semi Vortex impeller design reduces the clogging situation by sand.

Application

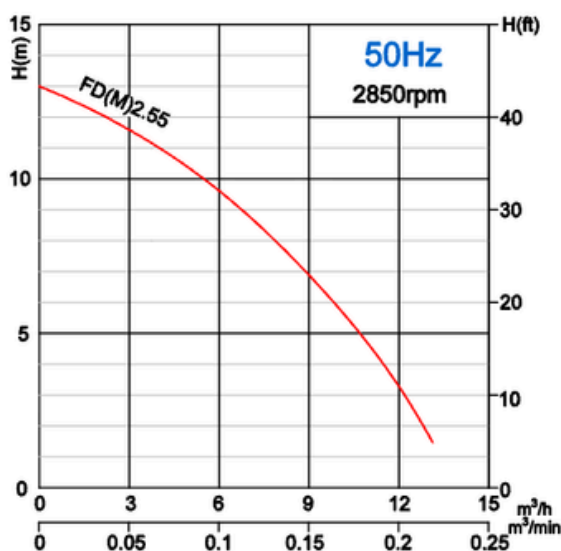
Civil engineering, building sites, basements or other utility
Pits, rainwater, mud water and high-viscosity fluid.

Specification

- Water temperature: up to 40°C
- PH: 6.5 to 8.5
- Power supply: single phase 220V $\pm$ 10%,50Hz,60Hz
three phase 380V $\pm$ 10%,50Hz,60Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 8m
- Max water depth: 10m



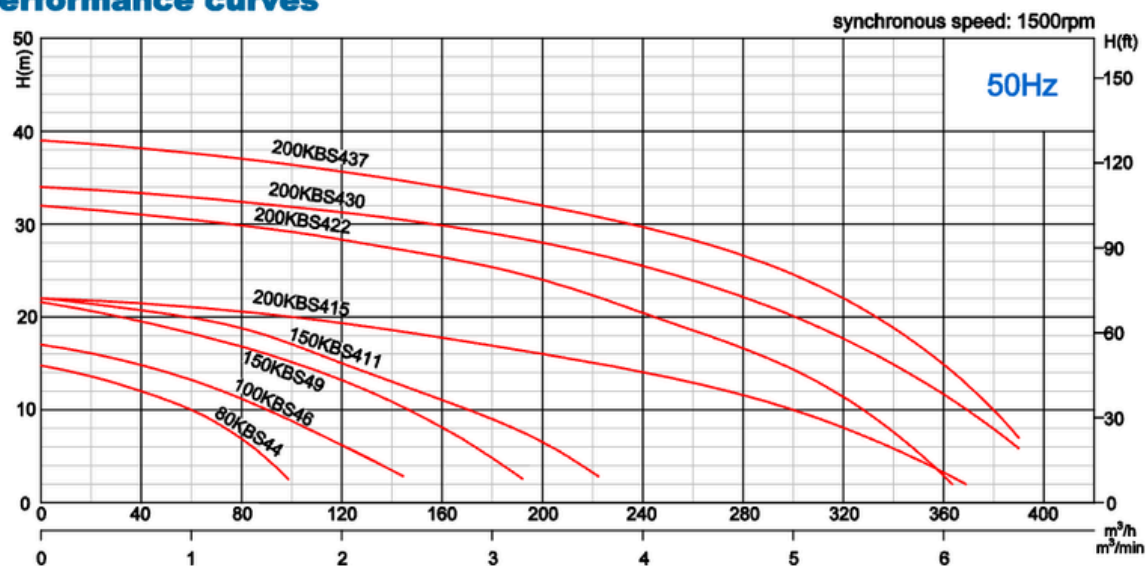
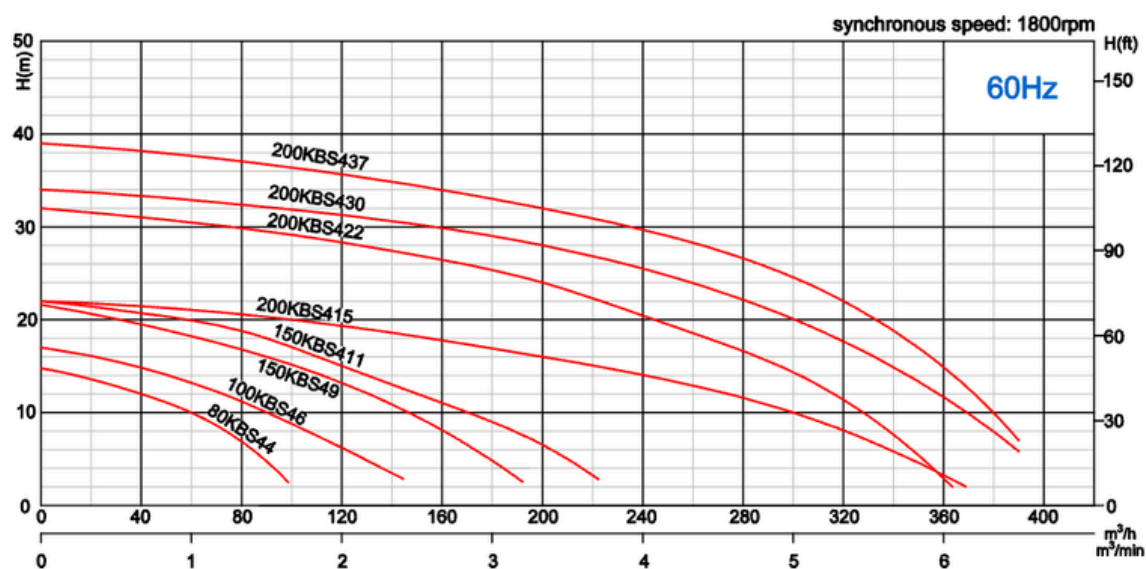
Performance curves & table



Model (50/60Hz)	Outlet	Motor power		Rated current (A)		Rated capacity		Rated head	Max capacity		Max Head	Impeller Passage
	mm	kW	HP	1~	3~	m³/h	m³/min	m	m³/h	m³/min	m	mm
FD(M)2.55(F)	50	0.55	0.75	4.0	1.7	8	0.13	8	13.2	0.22	13	9

- **FD:**Three phase; **FDM:**Single phase; **FDM...F:**Single phase with Float switch

Performance curves

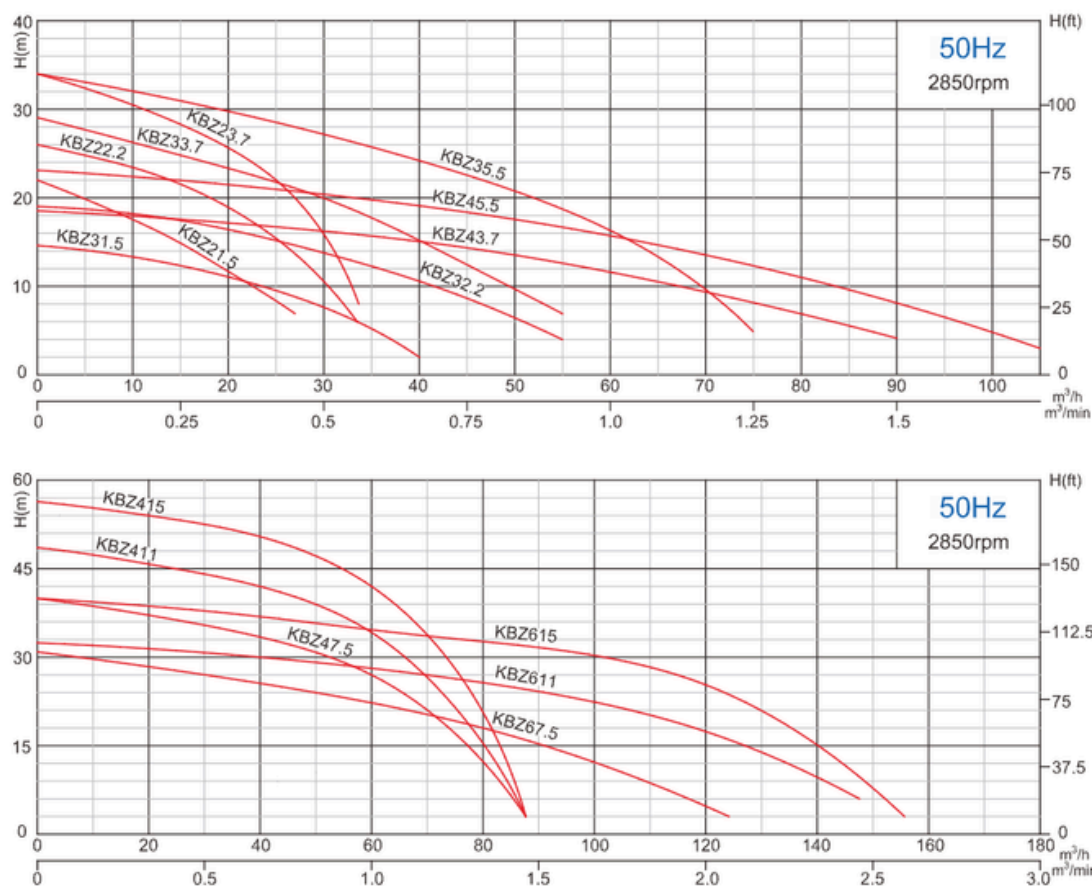


Performance table

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
150KBS411	150	11	15	D.O.L.	22	120	2.0	15	234	3.90	22	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	6.0	32	30
200KBS430	200	30	40	Star-Delta	57.6	200	3.33	28	390	6.5	34	30
200KBS437	200	37	50	Star-Delta	69.8	200	3.33	32	390	6.5	39	30

KBZ SUBMERSIBLE DRAINAGE PUMP

Performance curves

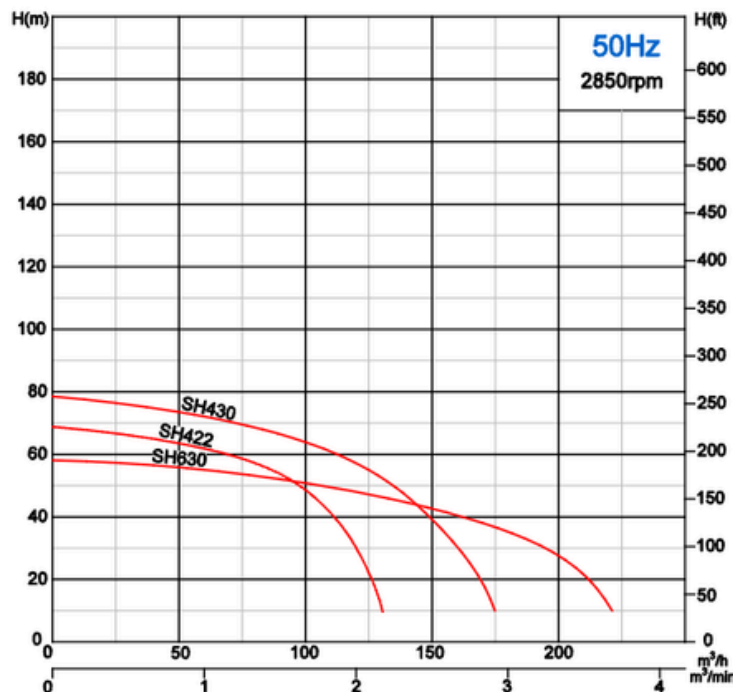


Performance table

Model (50Hz)	Outlet	Motor power		Rated current (400V) 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		
KBZ21.5	50	1.5	2	3.5	15	0.25	15	27	0.45	22	8.5
KBZ31.5	80	1.5	2	3.5	30	0.50	8	40	0.67	14.5	8.5
KBZ22.2	50	2.2	3	5.0	18	0.30	20	33	0.55	26	8.5
KBZ32.2	80	2.2	3	5.0	36	0.60	11	55	0.92	19	8.5
KBZ23.7	50	3.7	5	7.7	12	0.20	30	33	0.55	34	8.5
KBZ33.7	80	3.7	5	7.7	30	0.50	20	55	0.92	29	8.5
KBZ43.7	100	3.7	5	7.7	60	1.0	11.5	90	1.50	18.5	8.5
KBZ35.5	80	5.5	7.5	11.4	36	0.60	25	75	1.25	34	8.5
KBZ45.5	100	5.5	7.5	11.4	60	1.0	16	105	1.75	23	8.5
KBZ47.5	100	7.5	10	15	48	0.80	30	84	1.40	40	11.5
KBZ67.5	150	7.5	10	15	90	1.60	15	124.8	2.08	31	19.5
KBZ41.1	100	11	15	22	60	1.0	35	84	1.40	48.5	11.5
KBZ61.1	150	11	15	22	102	1.70	22	147	2.45	32	19.5
KBZ41.5	100	15	20	29.5	60	1.0	42	84	1.40	56	11.5
KBZ61.5	150	15	20	29.5	102	1.70	30	156	2.60	40	19.5

SH SUBMERSIBLE DRAINAGE PUMP

Performance curves

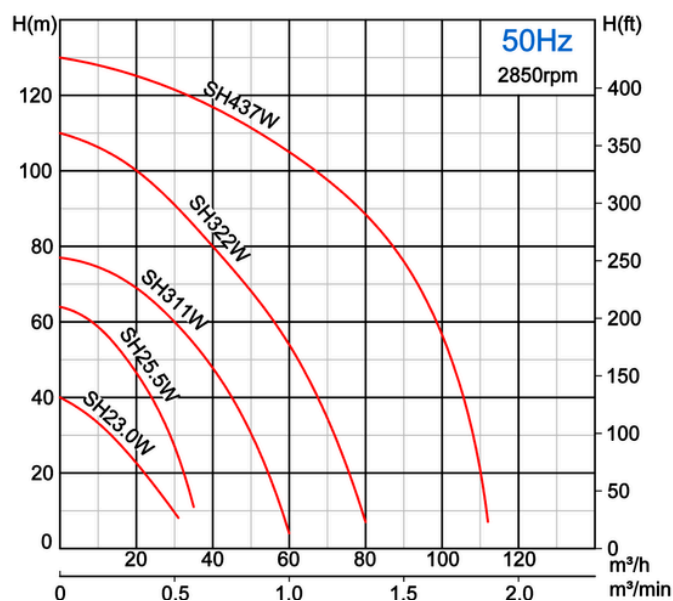


Performance table

Model (50/60Hz)	Outlet	Motor power		Rated current 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		
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
SH630	150	30	40	54	140	2.33	45/48	220/216	3.67/3.6	58/64	15

• Starting Method: Star-Delta

Performance curves

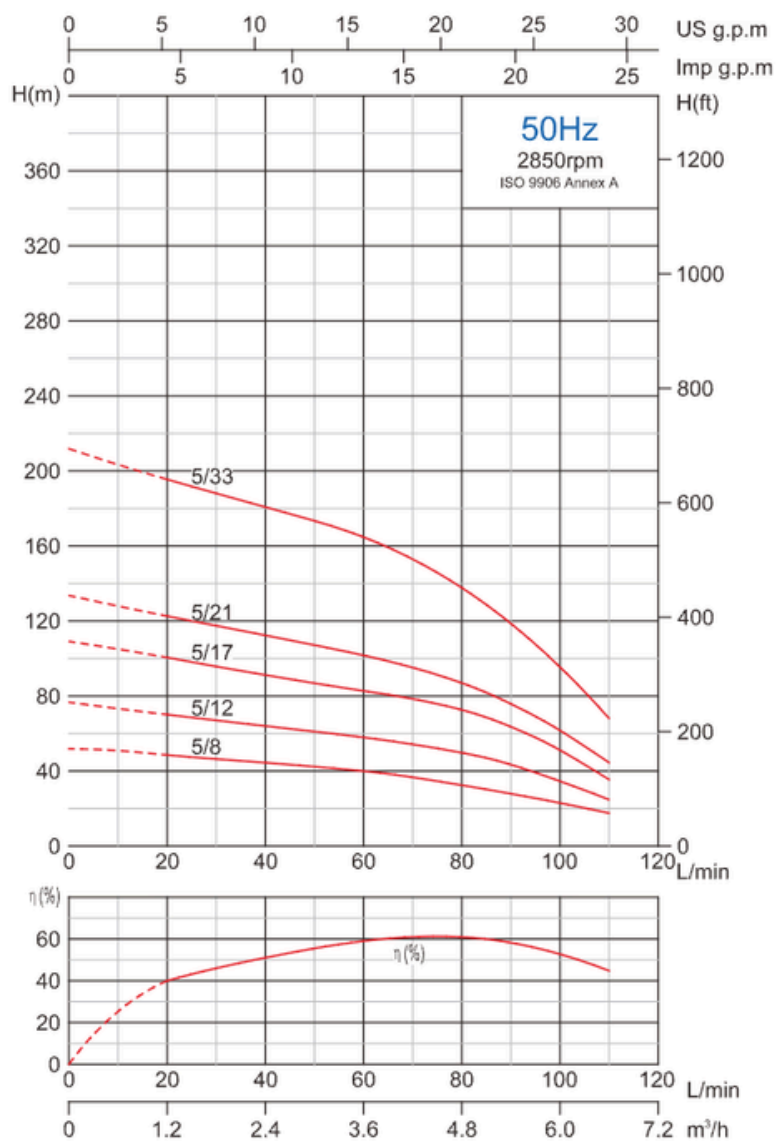


Performance table

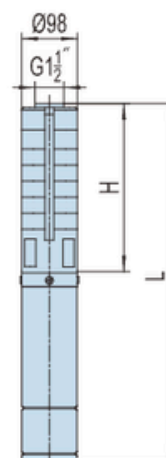
Model (50/60Hz)	Outlet	Motor power		Starting Method	Rated current A	Rated capacity		Rated head m	Max capacity		Max Head m	Impeller Passage mm
	mm	kW	HP			m³/h	m³/min		m³/h	m³/min		
SH23.0W	50	3.0	4.0	D.O.L.	6.5	18	0.3	26	30	0.5	39	6
SH25.5W	50	5.5	7.5	D.O.L.	11.4	18	0.3	48	35	0.59	65	6
SH311W	80	11	15	D.O.L.	22	30	0.5	60	60	1.0	78	8.5

4SP 5 DEEP WELL SUBMERSIBLE PUMP

Performance curves



Dimensions & weights



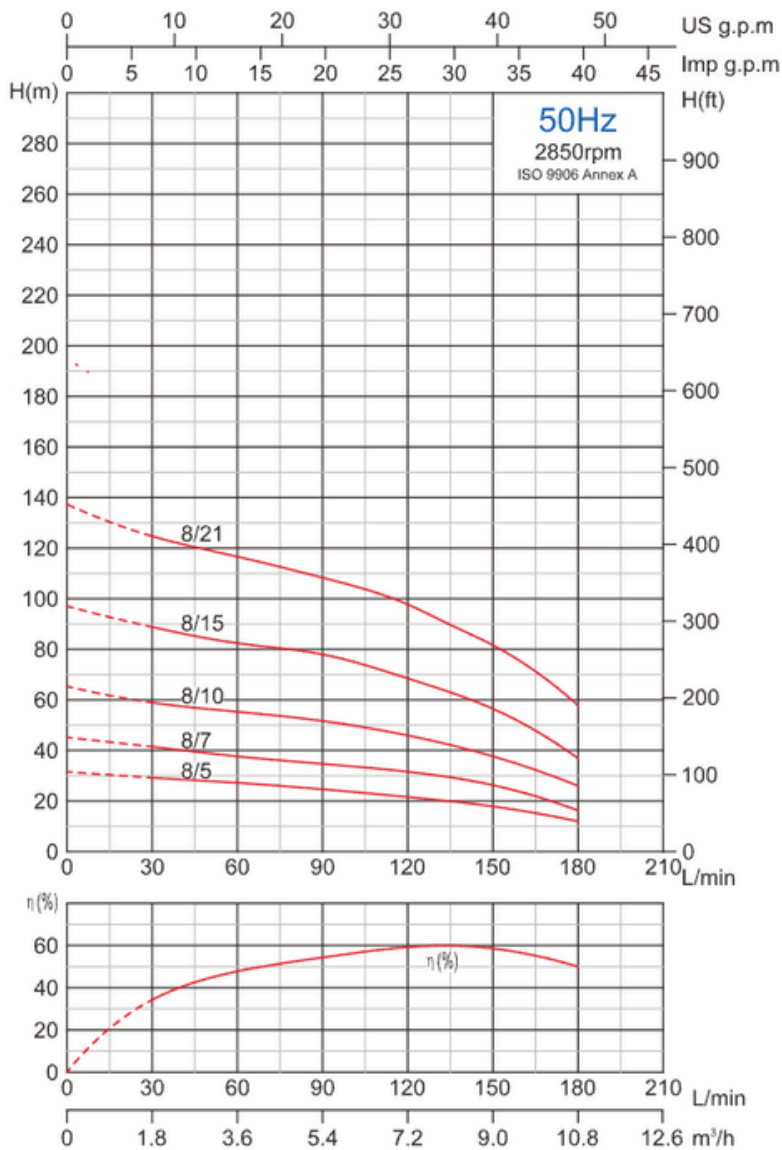
Single Phase	H (mm)	L (mm)	N.W kg	
			H	L
4SPM5/8	321	699	3.0	12.0
4SPM5/17	510	982	5.0	17.4

Single Phase	H (mm)	L (mm)	N.W kg	
			H	L
4SP5/12	405	812	3.9	13.6
4SP5/17	510	952	5.0	16.1
4SP5/21	594	1096	5.8	19.6
4SP5/33	846	1398	8.4	25.0

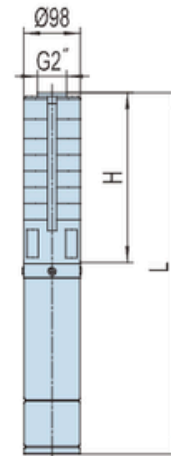
Performance table

Model(50Hz)		Motor Power		Capacity											
Single Phase	Three Phase			l/min	0	20	30	40	50	60	70	80	90	100	110
		kW	HP	m³/h	0	1.2	1.8	2.4	3.0	3.6	4.2	5.0	5.4	6.0	6.6
4SPM5/8	—	0.75	1	Head (m)	51	47	45	44	42	40	37	32	28	23	17
—	4SP5/12	1.1	1.5		76	71	68	66	63	59	55	48	43	35	25
4SPM5/17	4SP5/17	1.5	2		109	100	96	93	89	84	78	68	61	50	35
—	4SP5/21	2.2	3		134	124	118	113	107	100	94	83	75	62	44
—	4SP5/33	3	4		211	194	187	180	172	163	152	132	118	96	69

Performance curves



Dimensions & weights



Single Phase	H (mm)	L (mm)	N.W kg	
			H	L
4SPM8/5	291	669	2.7	11.7
4SPM8/10	428	900	4.1	16.5

Three Phase	H (mm)	L (mm)	N.W kg	
			H	L
4SP8/7	346	753	3.2	12.9
4SP8/10	428	870	4.1	15.2
4SP8/15	566	1068	5.4	19.2
4SP8/21	731	1333	7.1	26.1



Performance table

Model(50Hz)		Motor Power		Capacity								
Single Phase	Three Phase			l/min	0	30	60	90	120	133	150	180
		kW	HP	m³/h	0	1.8	3.6	5.4	7.2	8	9	10.8
4SPM8/5	—	0.75	1	Head (m)	32	29	27	26	22	20	18	12
	4SP8/7	1.1	1.5		45	41	38	36	32	30	26	17
4SPM8/10	4SP8/10	1.5	2		65	59	55	52	46	43	38	26
—	4SP8/15	2.2	3		97	89	82	78	68	64	56	37
—	4SP8/21	4	5.5		137	124	116	109	98	90	82	58