

FLOWZER Horizontal Multistage Pump

HORIZONTAL MULTISTAGE PUMP MANUAL INSTRUCTION

Application

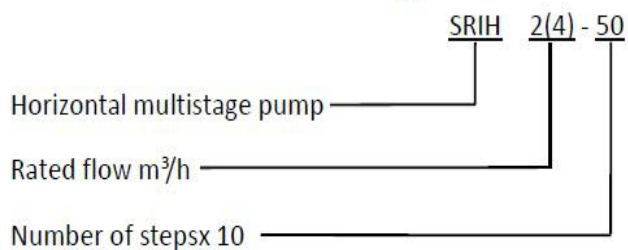
SRIH series are mini horizontal centrifugal Pump, have a wide application in domestic water supply, industry and constructions.

They are used for:

- Air-conditioning system
- Cooling system
- Industrial cleaning, conveyance and circulation of liquid
- Water treatment (Water purification)
- Domestic water supply
- Boosting, entironment
- Many other special using



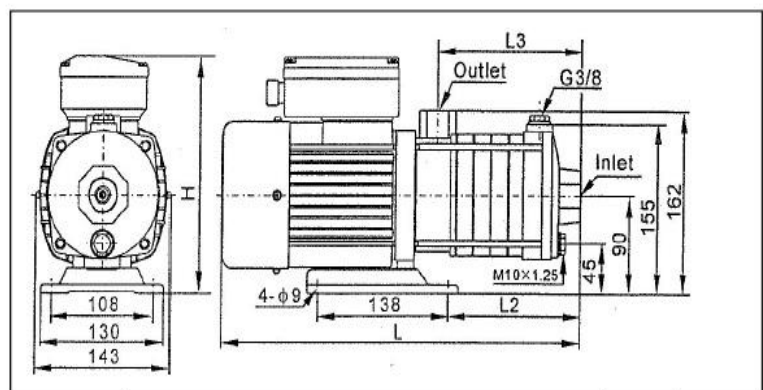
Connotation of the type



Working conditions

- Diluted, clean, non-flammable and non-explosive
- Liquid without solid grain of fibers;
- Liquid temperature:
Low temperature: -20°C ~ +15°C
Standard model: +15°C ~ +70°C
High temperature: +70°C ~ 104°C
- Max. Environmental temperature: 50°C
- Max. Operating pressure: 10 bar
- Max. Suction pressure is limited by max. Operating pressure

Contour dimension and weight



Motor

- 2-pole induction motor;
- Three-phase: 380~415V/50Hz
- Single-phase: 220~240V/50Hz
- Single-phase with input thermal protector
- Insulation class: F
- Protection: IP55
- Continuous duty

Model	Size (mm)								Inlet	Outlet
	Single Phase				Three Phase					
	L	L2	L3	H	L	L2	L3	H		
SRIH 2-20	326	90	100	216	326	90	100	194	G1"	G1"
SRIH 2-30	344	108	118	216	344	108	118	194		
SRIH 2-40	362	126	136	216	362	126	136	194		
SRIH 2-50	380	144	154	216	380	144	154	194		
SRIH 2-60	398	162	172	216	398	162	172	194	G1¼"	G1"
SRIH 4-20	335	99	109	216	335	99	109	194		
SRIH 4-30	362	126	136	216	362	126	136	194		
SRIH 4-40	389	153	163	216	389	153	163	194		
SRIH 4-50	416	180	190	216	416	180	190	194		
SRIH 4-60	443	207	217	216	443	207	217	194		

Performance table

Model		Driving motor P ₂ (kW)	Q (m ³ /h)	1.0	1.5	2.0	2.5	3.0	3.5
Single Phase	Three Phase			H (m)					
SRIH 2-20	SRIH 2-20T	0.37	H (m)	18	16	14	13	11	10
SRIH 2-30	SRIH 2-30T	0.37		27	24	21	20	17	14
SRIH 2-40	SRIH 2-40T	0.55		35	32	28	26	23	17
SRIH 2-50	SRIH 2-50T	0.55		43	40	35	33	28	22
SRIH 2-60	SRIH 2-60T	0.75		50	48	42	38	32	24

Model		Driving motor P ₂ (kW)	Q (m ³ /h)	2.0	3.0	4.0	5.0	6.0	7.0
Single Phase	Three Phase			H (m)					
SRIH 4-20	SRIH 4-20T	0.55	H (m)	18	16	15	13	10	7
SRIH 4-30	SRIH 4-30T	0.75		27	25	22	19	15	10
SRIH 4-40	SRIH 4-40T	0.75		36	33	30	26	20	14
SRIH 4-50	SRIH 4-50T	1.0		44	41	38	32	26	20
SRIH 4-60	SRIH 4-60T	1.1		53	50	45	40	33	24

Performance curve resource:

Performance curve are based on the following

1. Performance based on actual speed of standard motor.
2. Carring on test by 20°C water without air.
3. Curve are suitable for delivering liquid
($\nu = 1 \text{ mm}^2/\text{s}$, $\rho = 1 \text{ g/cm}^3$).
4. The black curve are recommended performance, the small ones are only for reference.
5. Make sure pumps runing not less than min-flow, to protect from burning due to growing heating.

Performance curve

