

euroflow

**Horizontal Multistage
Stainless Steel Centrifugal Pump**



Horizontal multistage Stainless steel centrifugal pump

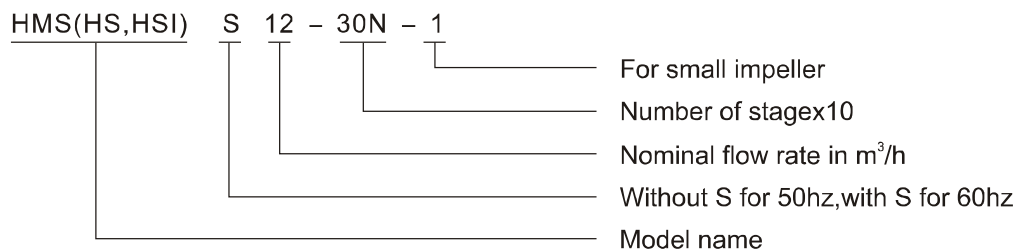
Applications

HMS,HSI&HS horizontal multistage stainless steel centrifugal pumps are designed for the following applications:

Mainly applicable for conveying of industrial liquid,circulation and pressure for denmineralized water,soft water,purified solution,light oil,etc.

- Cooling water systems
- Domestic water supply
- Industrial cleaning
- Agriculture
- Pesticide dosing systems
- Environmental protection
- Water treatment
- Boosting & circulation systems

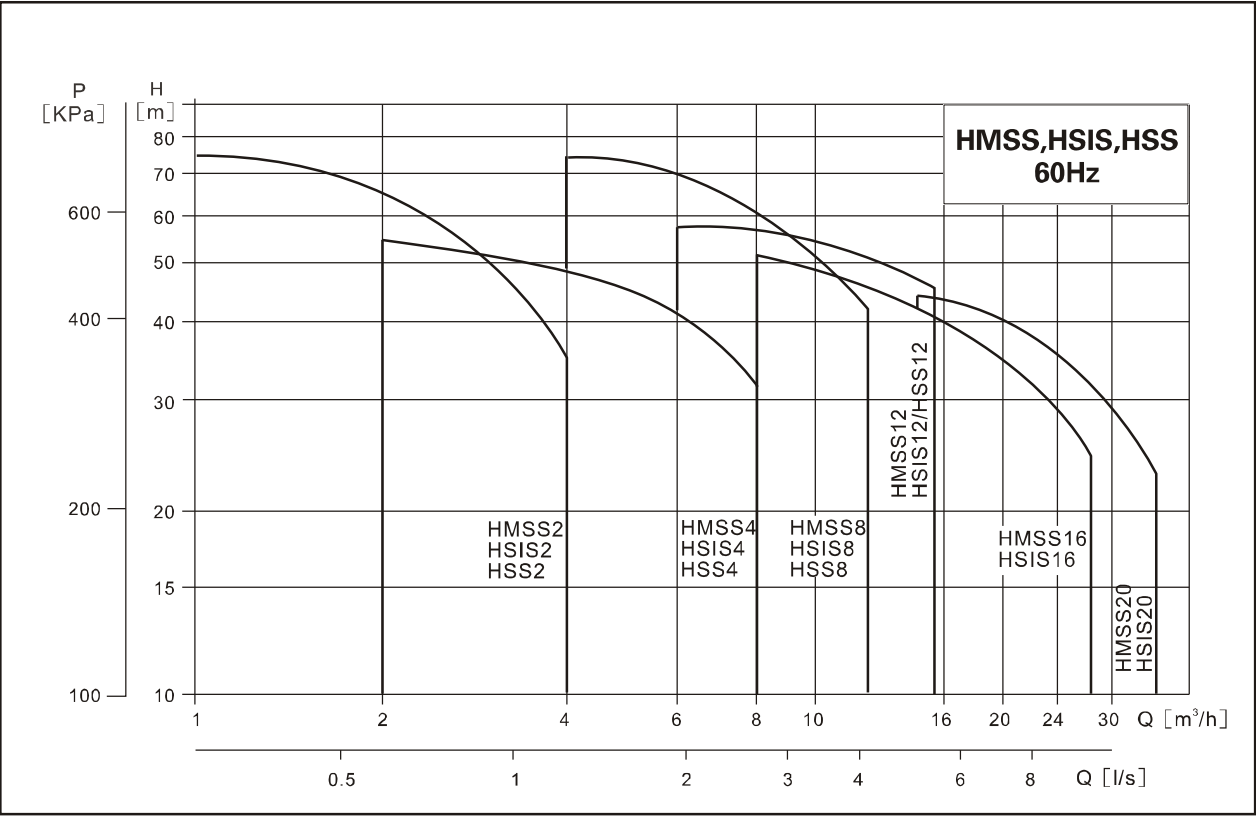
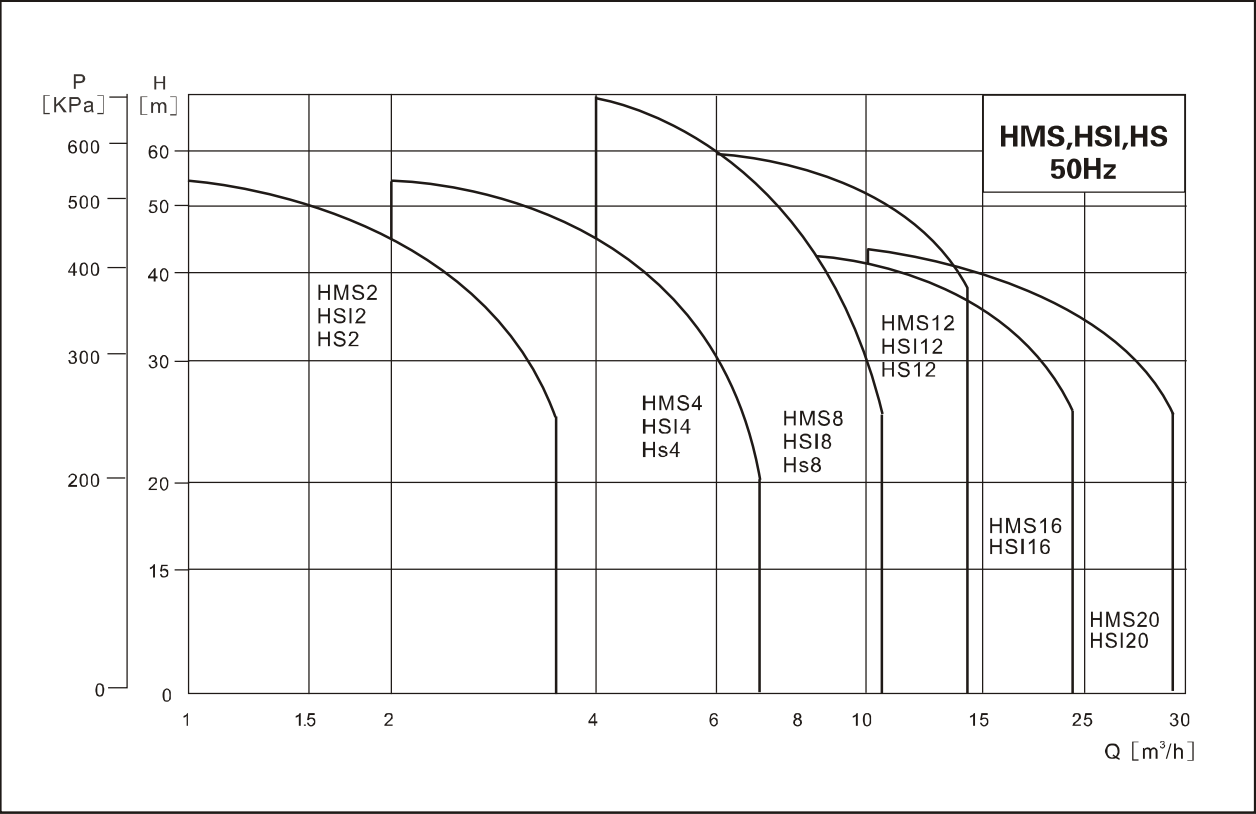
Model code



Technical Date

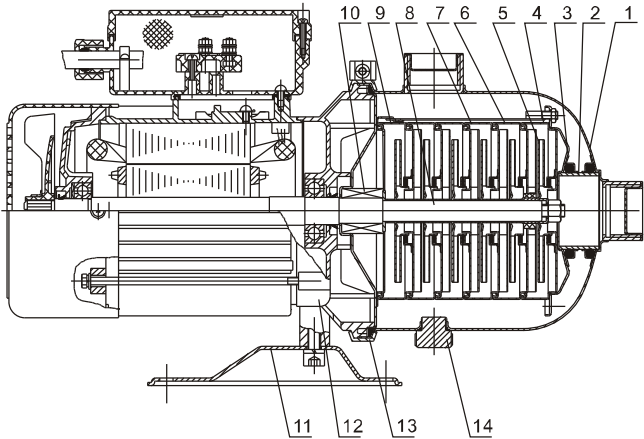
- Ambient Temperature
Maximum:+50°C
- Liquid Temperature
Standard design: -15 to +80°C
For hot water design: -15 to 110°C
- Max operating pressure is limited by max operating pressure
Axial inlet and radial outlet
- Electric Motor: Single phase- 220-240V/50HZ, 110V/60HZ, 220V/60HZ
Three phase -380-415V/50HZ,380-415V/60HZ
IP55, Class F, single phase motor with thermo protector
- Pump's material can be supplied in 304 or 316 stainless steel

Selection Charts



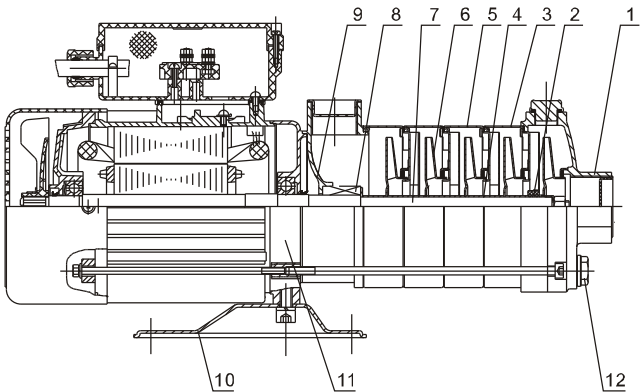
Material HMS

No.	Name	Material	AISI/ASTM
1	Pump casing	Stainless steel	AISI304 or AISI316
2	Connection pipe	Stainless steel	AISI304 or AISI316
3	Clamp plate	Stainless steel	AISI304 or AISI316
4	Primary guide vane	Stainless steel	AISI304 or AISI316
5	Impeller	Stainless steel	AISI304 or AISI316
6	Upport guide vane	Stainless steel	AISI304 or AISI316
7	Middle section section	Stainless steel	AISI304 or AISI316
8	Shaft	Stainless steel	AISI304 or AISI316
9	Outlet section	Stainless steel	AISI304 or AISI316
10	Mechanical seal	BABE, BABV, BQQE, BQQV	
11	Base frame	A3 steel	
12	Front cover	Aluminum alloy	
13	Quick clamp holder	Stainless steel	AISI304 or AISI316
14	Plug	Stainless steel	AISI304 or AISI316

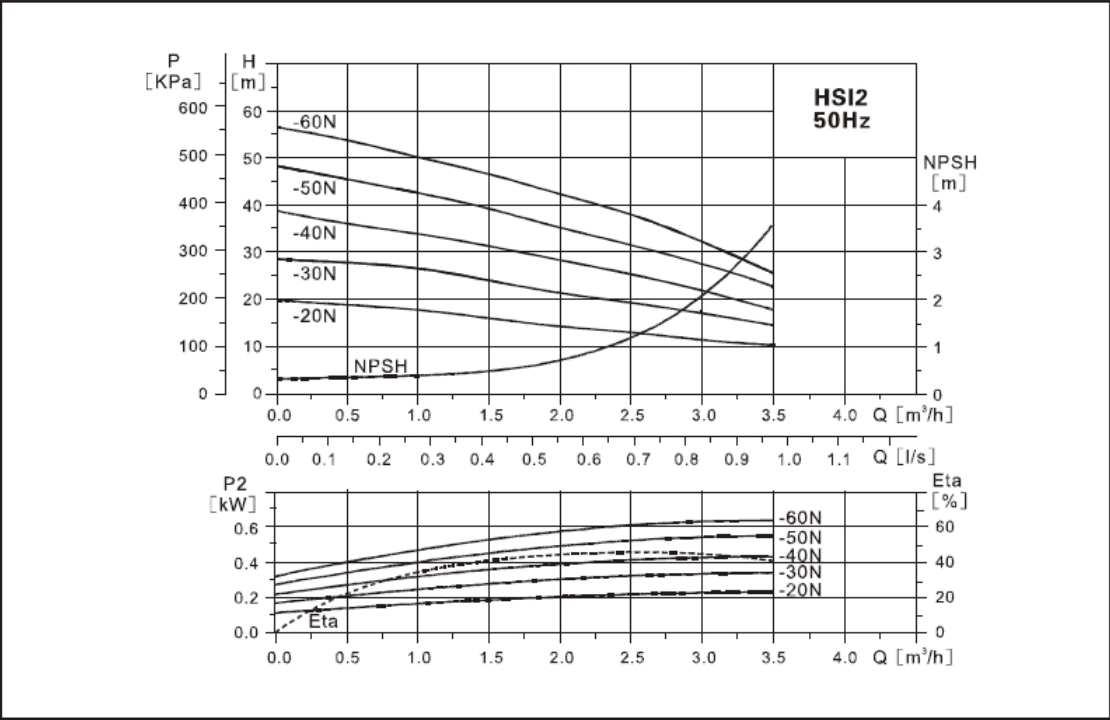


MATERIAL HS,HSI

No.	Name	Material	AISI/ASTM
2	Bearing sleeve	Hard alloy	
3	Support guide vane	Stainless steel	AISI304 or AISI316
4	Separating sleeve	Stainless steel	AISI304 or AISI316
5	Middle section section	Stainless steel	AISI304 or AISI316
6	Impeller	Stainless steel	AISI304 or AISI316
7	Shaft	Stainless steel	AISI304 or AISI316
8	Mechanical seal	BABE, BABV, BQQE, BQQV	
10	Base frame	A3 steel	
11	Front cover	Aluminum alloy	
12	Plug	POM	
HIS			
1	Inlet section	Stainless steel	AISI304 or AISI316
9	Outlet section	Stainless steel	AISI304 or AISI316
HS			
1	Inlet section	Cast iron	
9	Outlet section	Cast iron	



Performance curce

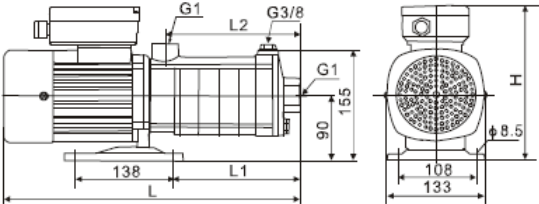


Performance table

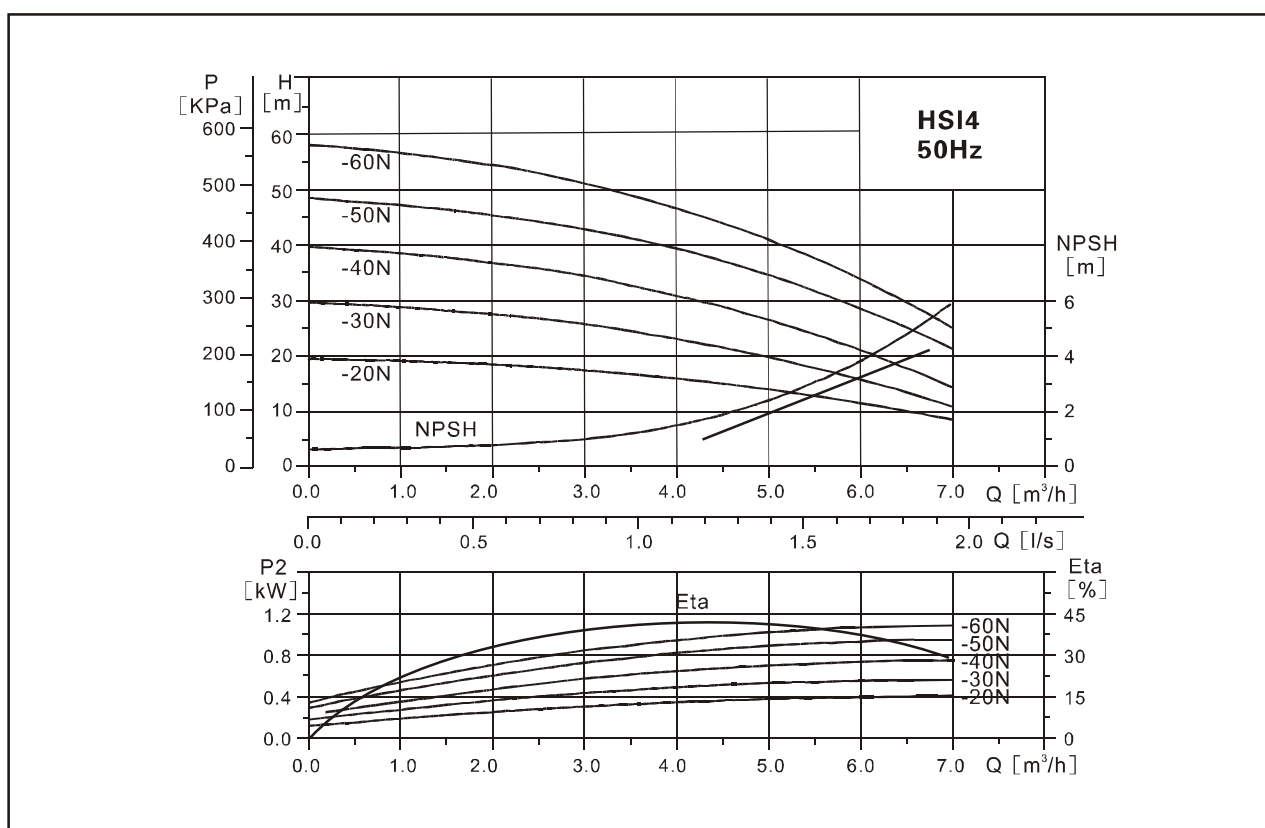
MODEL	Driving motor P2(kW)	Q (m³/h)	1.0	1.5	2.0	2.5	3.0	3.5
HSI2-20N	0.37	H (m)	18	16	14	13	11	10
HSI2-30N	0.37		27	24	21	20	17	14
HSI2-40N	0.55		35	32	28	26	23	17
HSI2-50N	0.55		43	43	35	33	28	22
HSI2-60N	0.75		50	48	42	38	32	25

Installation sketch

MODEL	SIZE(mm)								Weight (Kg)
	Single Phase				Three Phase				
	L	L1	L2	H	L	L1	L2	H	
HSI2-20N	325	90	100	210	325	90	100	190	8.5
HSI2-30N	342	108	118	210	342	108	118	190	9
HSI2-40N	360	126	136	210	360	126	136	190	9.5
HSI2-50N	378	144	154	210	378	144	154	190	9.5
HSI2-60N	395	162	172	210	395	162	172	190	10.5



Performance curce

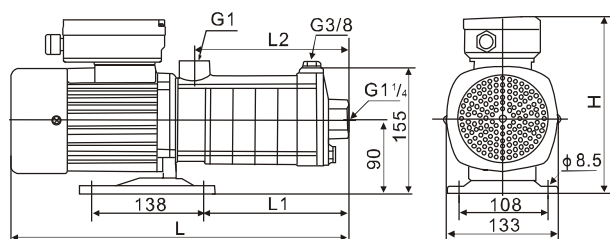


Performance table

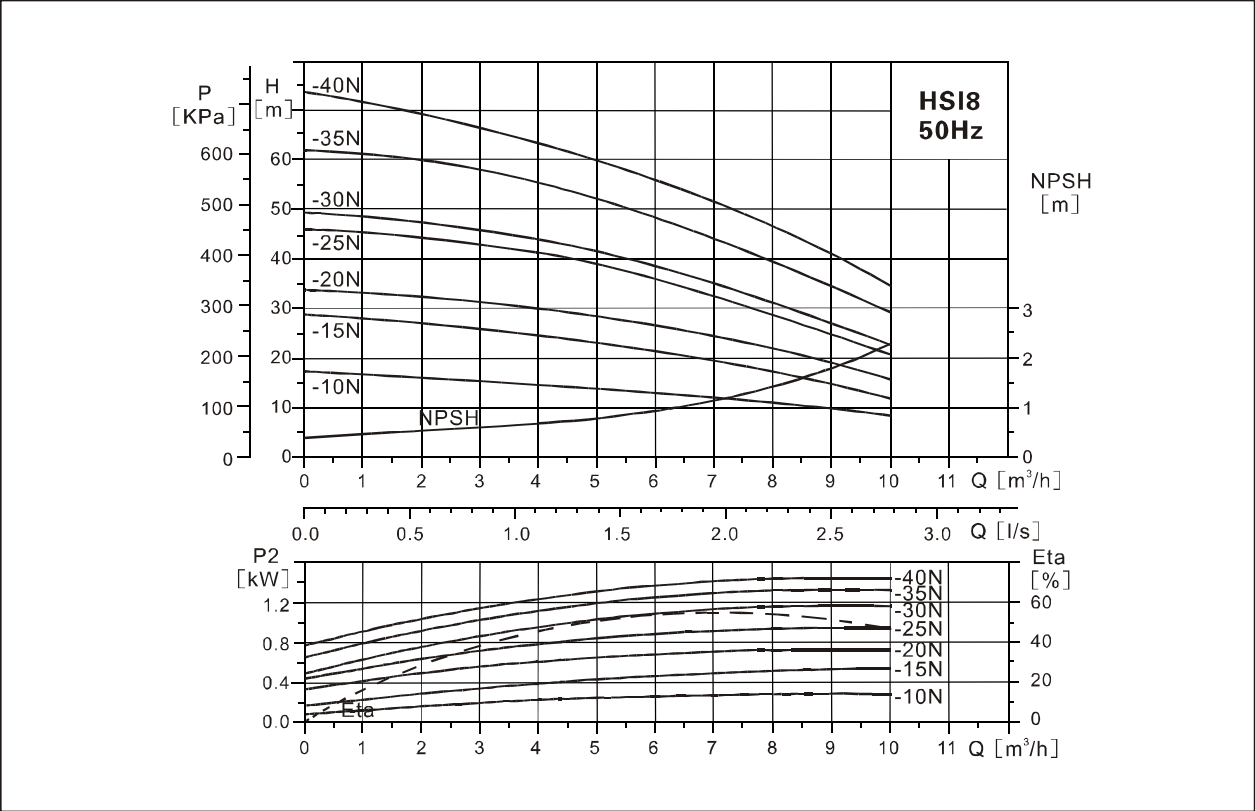
MODEL	Driving motor P2(kW)	Q (m³/h)	2.0	3.0	4.0	5.0	6.0	7.0
HSI4-20N	0.55	H (m)	18	16	15	13	10	7
HSI4-30N	0.75		27	25	22	19	15	10
HSI4-40N	0.75		36	33	30	26	20	14
HSI4-50N	1.0		44	41	38	32	26	20
HSI4-60N	1.1		53	50	45	40	33	24

Installation sketch

MODEL	SIZE(mm)								Weight (Kg)
	Single Phase				Three Phase				
	L	L1	L2	H	L	L1	L2	H	
HSI4-20N	335	99	109	210	335	99	109	190	9
HSI4-30N	362	126	136	210	362	126	136	190	10
HSI4-40N	390	153	163	210	390	153	163	190	10.5
HSI4-50N	415	180	190	210	415	180	190	190	11
HSI4-60N	443	207	217	210	443	207	217	190	12



Performance curce

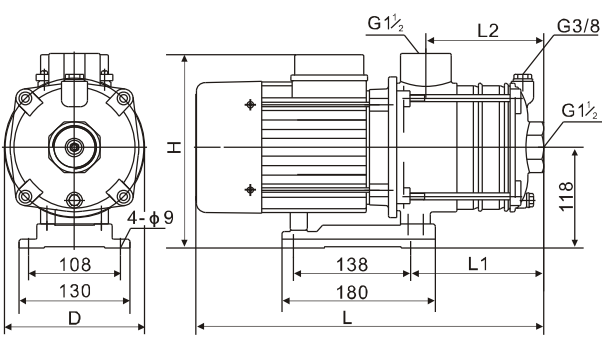


Performance table

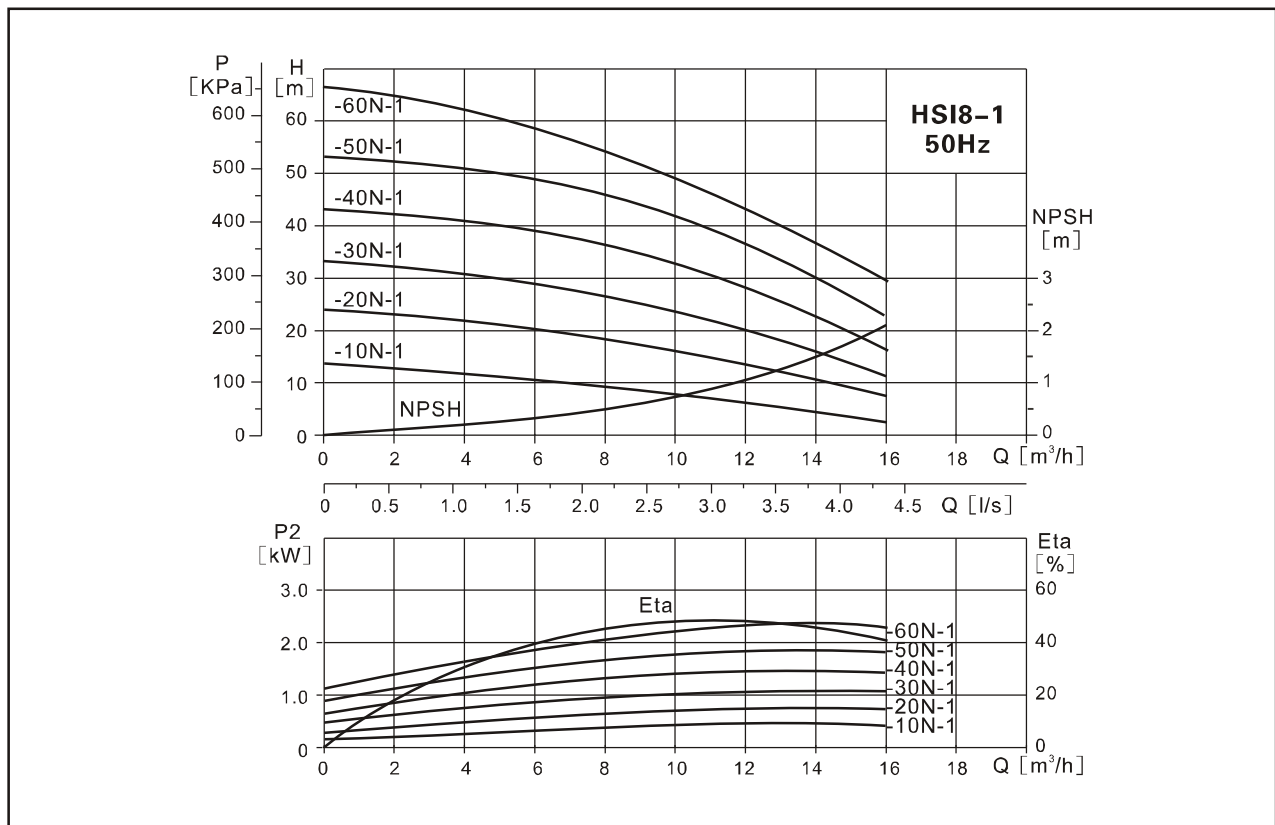
MODEL	Driving motor P2(kW)	Q (m³/h)	4.0	5.0	6.0	7.0	8.0	9.0	10
HSI8-10N	0.55	H (m)	15	14	13	12.5	12	9	8
HSI8-15N	0.75		25	23	22	20	20	14	12
HSI8-20N	1.0		32	29	27	25	24	21	17
HSI8-25N	1.5		43	40	38	34	27	25	20
HSI8-30N	1.85		45	43	40	35	30	29	22
HSI8-35N	2.2		56	51	48	44	43	35	28
HSI8-40N	2.2		65	57.5	57	50	48	42	34

Installation sketch

MODEL	SIZE(mm)										Weight (Kg)
	Single Phase					Three Phase					
	L	L1	L2	H	D	L	L1	L2	H	D	
HSI8-10N	315	96	78	240	165	315	96	78	218	165	12
HSI8-15N	345	126	108	240	165	345	126	108	218	165	14
HSI8-20N	345	126	108	240	165	345	126	108	218	165	17
HSI8-25N	410	156	138	255	165	410	156	138	228	165	19
HSI8-30N	450	156	138	235	176	410	156	138	228	165	24
HSI8-35N	480	186	168	235	176	440	186	168	228	165	25
HSI8-40N	480	186	168	235	176	440	186	168	228	165	26



Performance curve

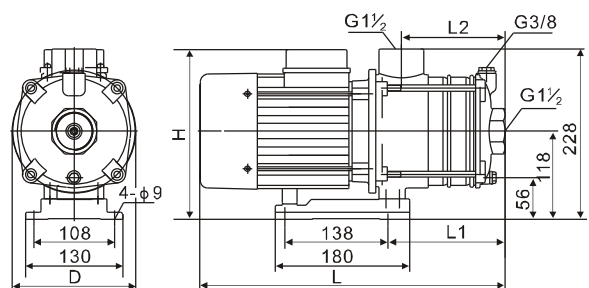


Performance table

MODEL	Driving motor P2(kW)	Q (m³/h)	4.0	6.0	8.0	10	12	14	16
HSI8-10N-1	0.55	H (m)	11	10	9	8	7	6	5
HSI8-20N-1	0.75		22	20	19	18	13	11	8
HSI8-30N-1	1.1		31	29	26	24	20	16	11
HSI8-40N-1	1.5		41	39	37	33	28	23	17
HSI8-50N-1	2.2		51	49	46.5	42	37	30	23
HSI8-60N-1	3.0		62	58	52	48	42	36	30

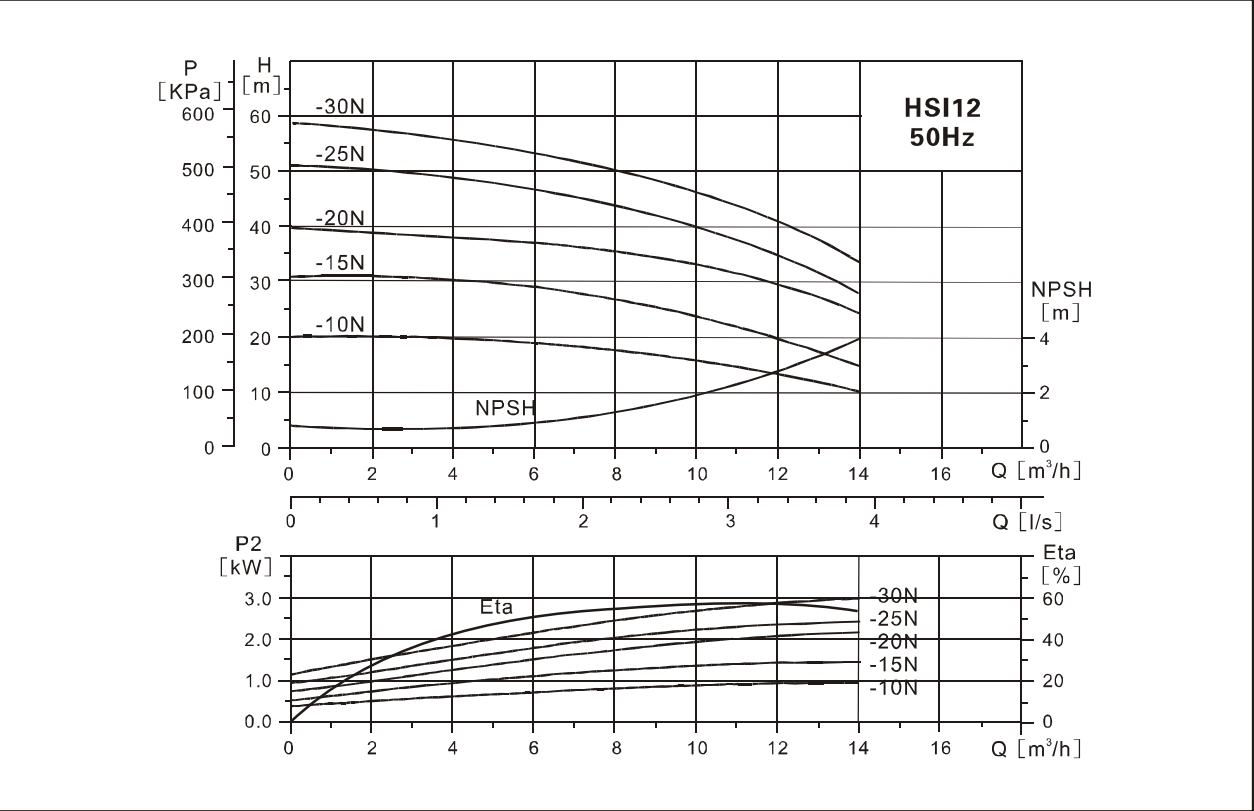
Installation sketch

MODEL	SIZE(mm)										Weight (Kg)
	Single Phase					Three Phase					
	L	L1	L2	H	D	L	L1	L2	H	D	
HSI8-10N-1	315	96	78	240	165	315	96	78	218	165	13
HSI8-20N-1	345	126	108	240	165	345	126	108	218	165	14
HSI8-30N-1	410	156	138	255	165	410	156	138	228	165	18
HSI8-40N-1	440	186	168	255	165	440	186	168	228	165	19
HSI8-50N-1	510	216	198	235	176	470	216	198	228	165	27
HSI8-60N-1	—	—	—	—	—	558	276	228	235	165	30



Pump cover with G2 inlet/outlet is available

Performance curve

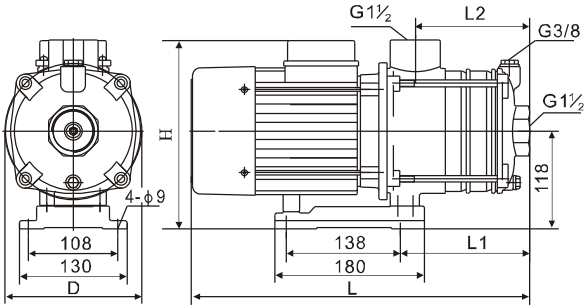


Performance table

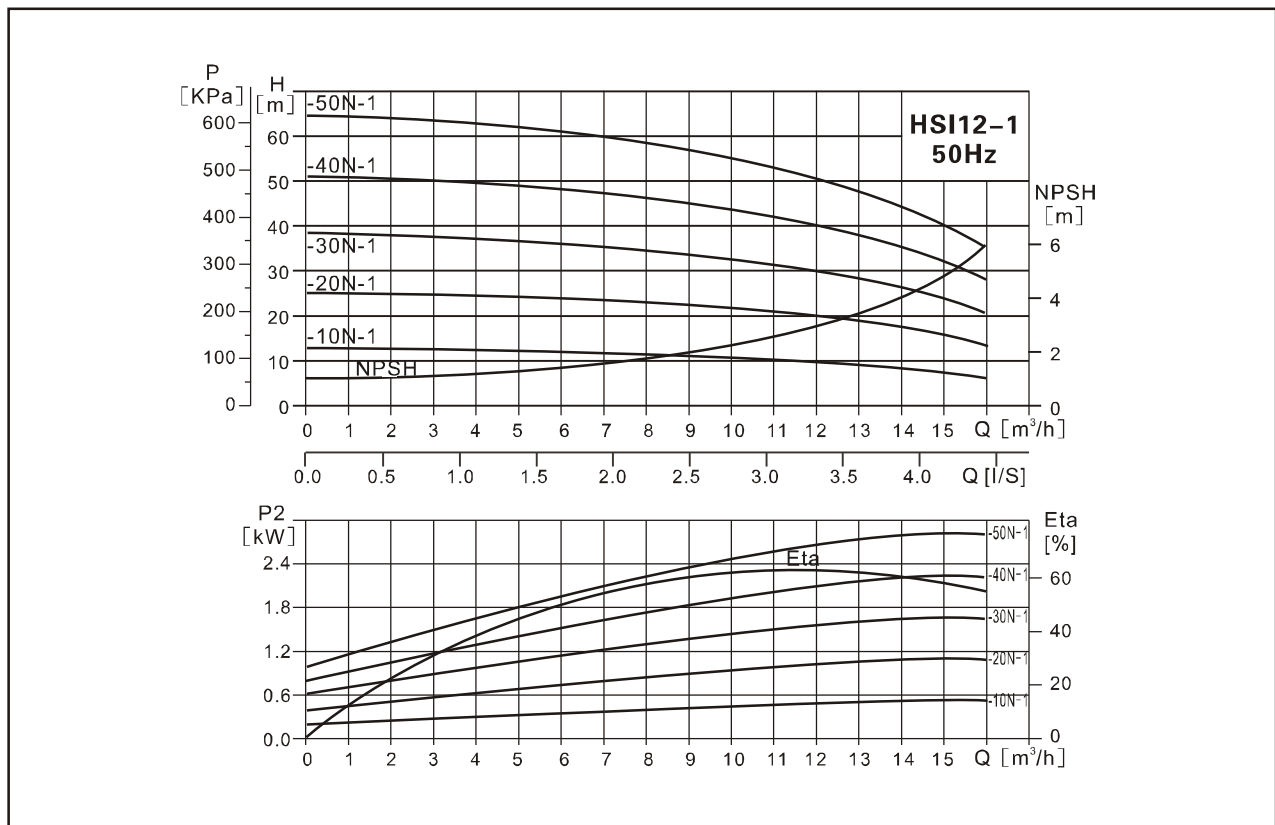
MODEL	Driving motor P2(kW)	Q (m³/h)	6.0	7.0	8.0	9.0	10	11	12	13	14
HSI12-10N	1.0	H (m)	19	18	17.5	16	15.5	14	13.5	12	10.5
HSI12-15N	1.5		28	27	26	25	24	22	20	18	15
HSI12-20N	1.85		38	36	35	32	31	29	28	24	20
HSI12-25N	2.2		47	45	43	41.5	39	36	33.5	30.5	27
HSI12-30N	3.0		53.5	52	50	47.5	45	42	39	35	30

Installation sketch

MODEL	SIZE(mm)										Weight (Kg)
	Single Phase					Three Phase					
	L	L1	L2	H	D	L	L1	L2	H	D	
HSI12-10N	315	96	78	240	165	315	96	78	218	165	13
HSI12-15N	380	126	108	255	165	380	126	108	228	165	15
HSI12-20N	420	126	108	235	176	380	126	108	228	165	23
HSI12-25N	450	156	138	235	176	410	156	138	228	165	25
HSI12-30N	—	—	—	—	—	468	156	138	235	176	27



Performance curve

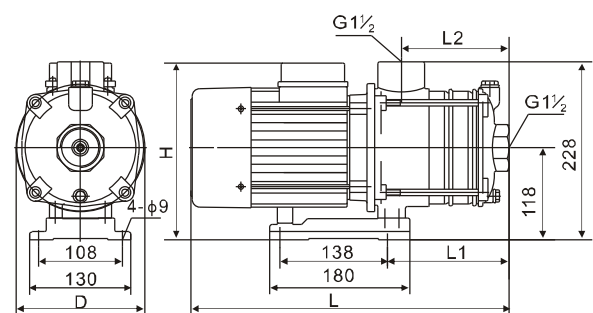


Performance table

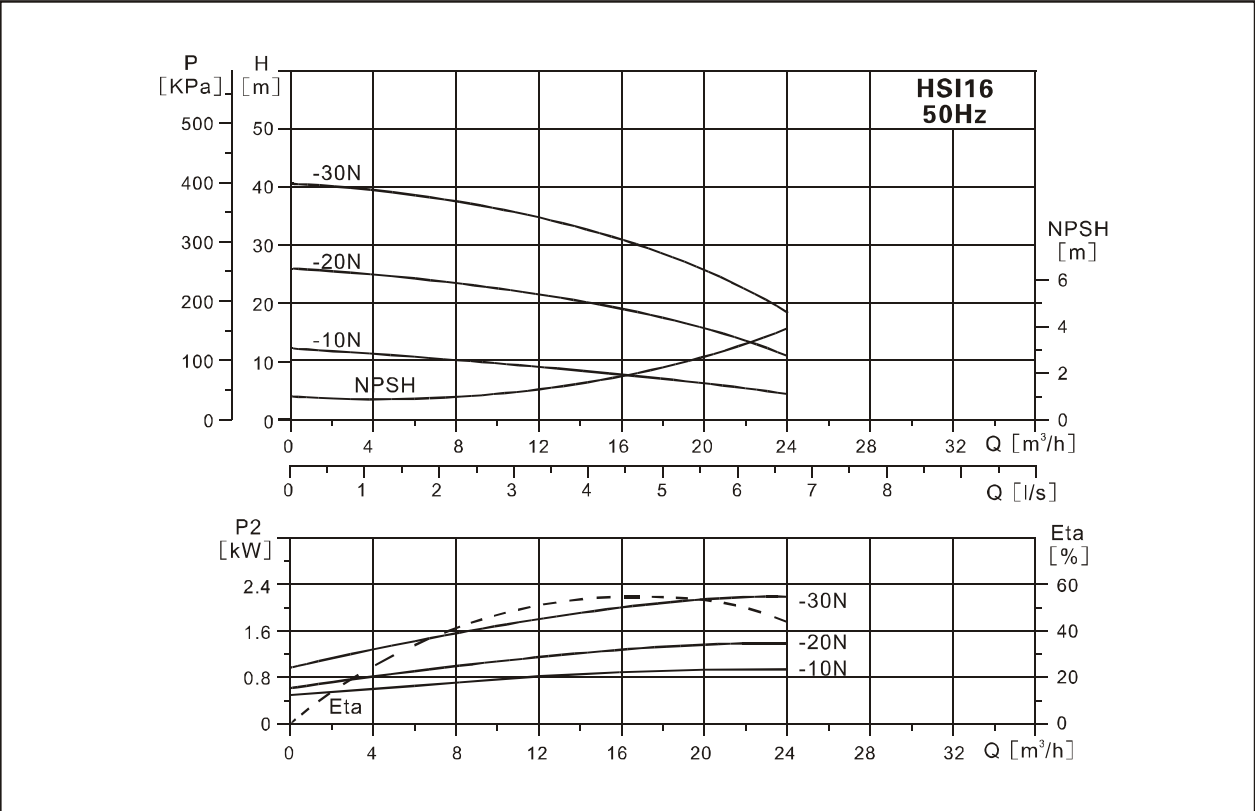
MODEL	Driving motor P2(kW)	Q (m³/h)	7.0	8.0	9.0	10	11	12	13	14	15	16
HSI12-10N-1	0.75	H (m)	12	11.5	11	10.5	10	9.5	9	8	7	6
HSI12-20N-1	1.1		23	22.5	22	21	20.5	19.5	18.5	17	15.5	13
HSI12-30N-1	1.85		35	34.5	33.5	32.5	31	29.5	28	26	23.5	20
HSI12-40N-1	2.2		47	46	45	43.5	41.5	39.5	37.5	35	31.5	27.5
HSI12-50N-1	3.0		60	58	56.5	55	52.5	50	47	44	40	35

Installation sketch

MODEL	SIZE(mm)										Weight (Kg)
	Single Phase					Three Phase					
	L	L1	L2	H	D	L	L1	L2	H	D	
HSI12-10N-1	315	96	78	240	165	315	96	78	218	165	12
HSI12-20N-1	380	126	108	255	165	380	126	108	228	165	14
HSI12-30N-1	450	156	138	235	165	410	156	138	228	165	25
HSI12-40N-1	480	186	158	235	170	440	186	168	228	176	27
HSI12-50N-1	—	—	—	—	—	528	216	198	235	176	30



Performance curce

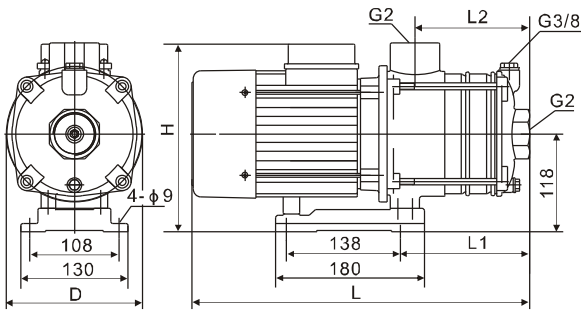


Performance table

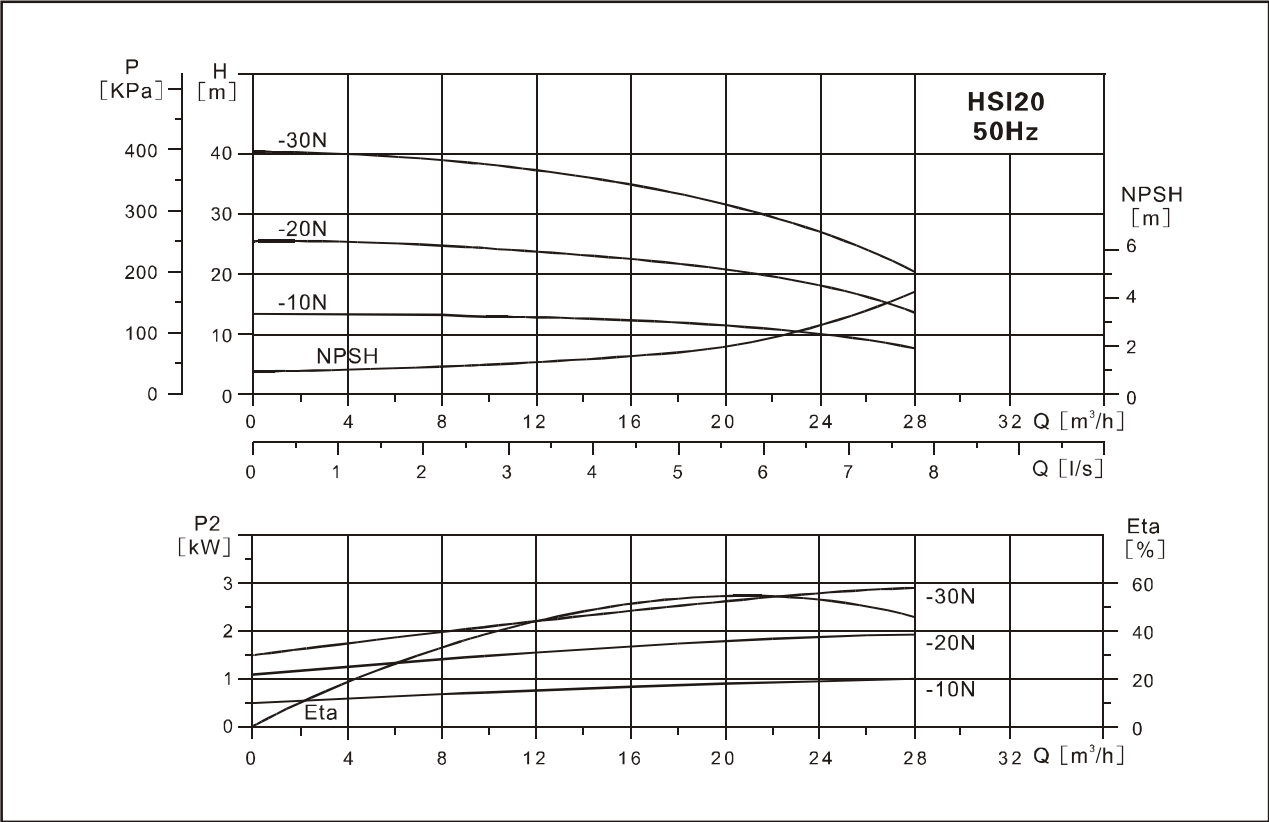
MODEL	Driving motor P2(kW)	Q (m³/h)	8	10	12	14	16	18	20	22	24
HSI16-10N	1.0	H (m)	12	11.5	11.5	10.5	10	9	8	7	6
HSI16-20N	1.5		24	23	22	21	20	19	16	14	12
HSI16-30N	2.2		38	36	34	33	30	28	26	23	20
HSI16-40N	3.0		50	48	46	44	40	38	36	32	28

Installation sketch

MODEL	SIZE(mm)											Weight (Kg)
	Single Phase					Three Phase						
	L	L1	L2	H	D	L	L1	L2	H	D		
HSI16-10N	325	106	81	240	165	326	106	81	218	165	12	
HSI16-20N	405	151	126	255	165	406	151	126	228	165	18	
HSI16-30N	490	196	171	235	176	489	196	171	235	176	25	
HSI16-40N	—	—	—	—	—	553	241	216	235	176	28	



Performance curce



Performance table

MODEL	Driving motor P2(kW)	Q (m³/h)	10	12	14	16	18	20	22	24	26	28
HSI20-10N	1.0	H (m)	13	12.5	12	11.5	11	10.5	10	9	8.5	7.5
HSI20-20N	1.85		25	24	23	22	21	20	18	16	14	12
HSI20-30N	3.0		39	38	36	35	33	31.5	30	27	24	21

Installation sketch

MODEL	SIZE(mm)											Weight (Kg)
	Single Phase					Three Phase						
	L	L1	L2	H	D	L	L1	L2	H	D		
HSI20-10N	325	106	81	254	165	325	106	81	228	165	14	
HSI20-20N	445	151	126	261	176	405	151	126	228	165	24	
HSI20-30N	—	—	—	—	—	508	196	171	235	176	28	

