

*For 100 years with
"Bringing valuable water to you"*

Vertical In-line Multistage Pump

QSBI series



Long machine life

High performance
Impeller

Ver. 0.9



General introduction



VERTICAL MULTI STAGE PUMP

CLEAN WATER SUPPLY

LIGHT & COMPACT DESIGN

AVAILABLE MANY VARIANTS

DEPENDS ON APPLICATIONS

A wide range of application



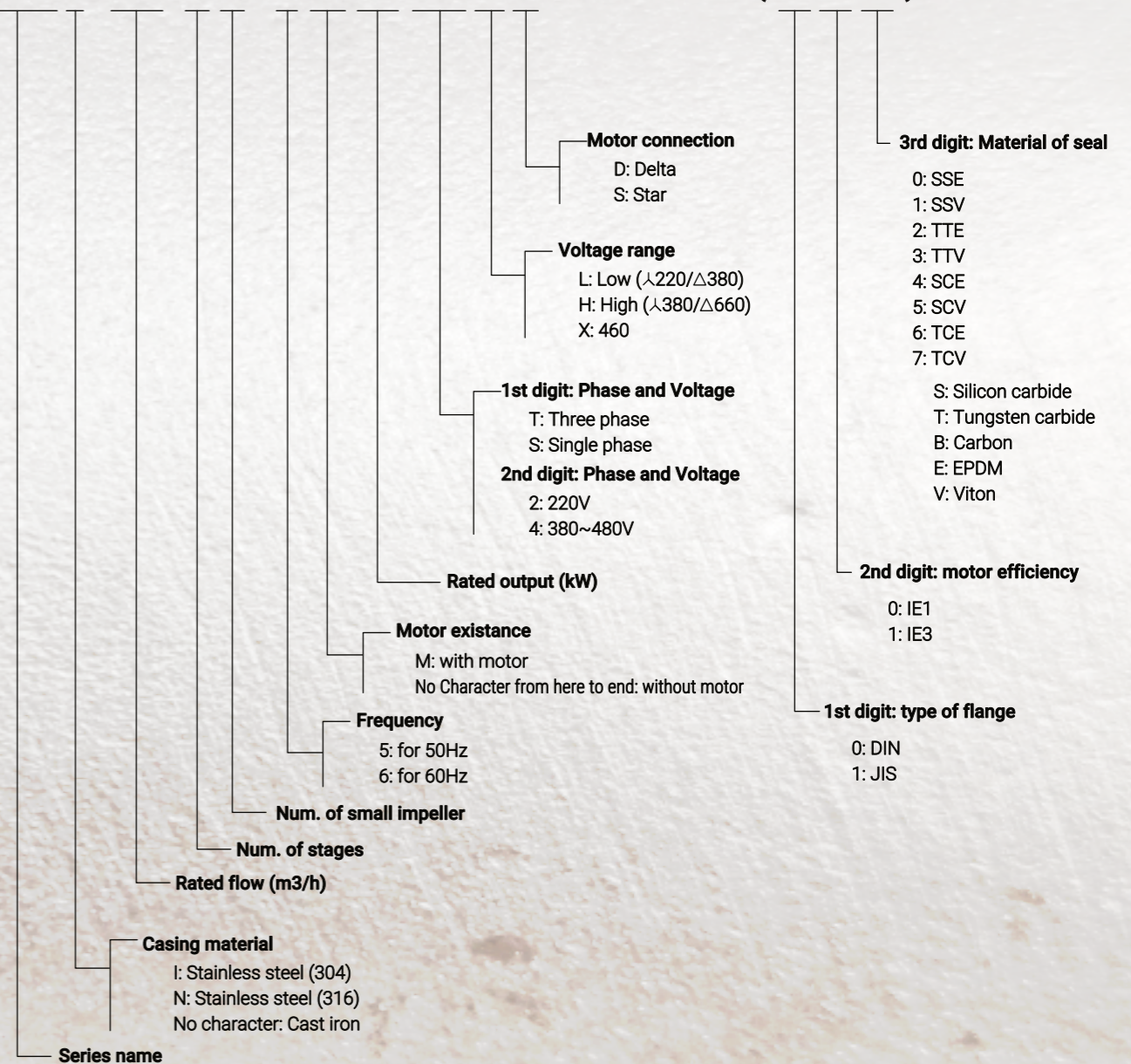
Naming rules

Model name

QSBI-32-3ii-6M11T4HD

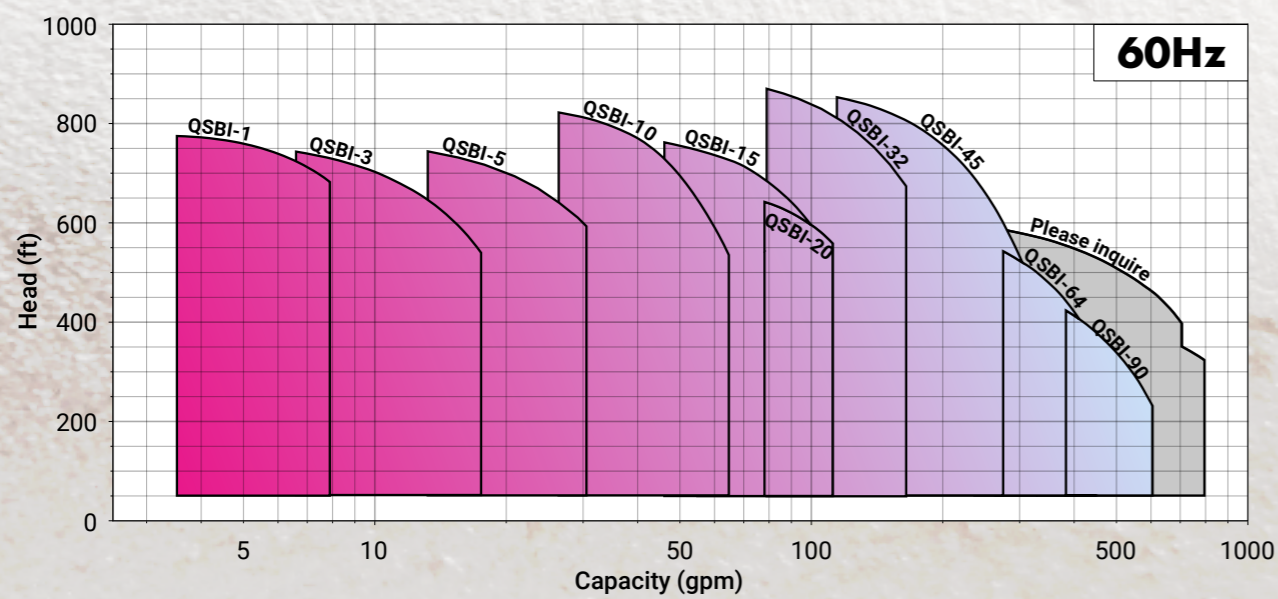
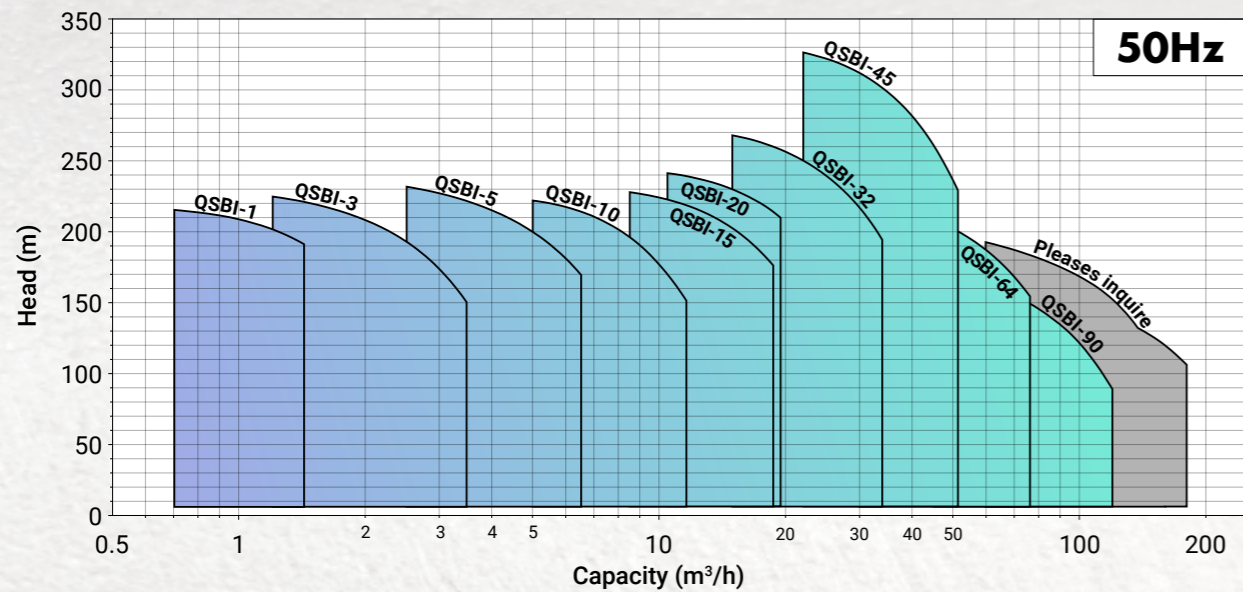
Variant code

(000)



General introduction

Covering range



Standard specification

Liquid	Quality	Clean water	
	Tempelature	-20 ~ +120°C	
Material	Impeller	Stainless steel (304)	
	Shaft	Stainless steel (304)	
	Casing	Cast stainless steel (304)	
	Mechanical seal	Cartlidge, SiC x SiC, EPDM	
Motor	Type	TEFC OUTDOOR	
	Power source	50Hz: 3-220/230/240: 0.37~22kW 3-380/400/415: 0.37~75kW	60Hz: 3-220/230/240: 0.5~100hp 3-380/400: 0.5~100hp 3-440: 0.5~30hp 3-460: 2.2~100hp 3-480: Please inquire
	Insulation class	F	
	Protection class	IP55	
	Speed	50Hz: 3,000min ⁻¹ 60Hz: 3,600min ⁻¹	
	Efficiency	IE1	
	Installation	Location	Indoor/Outdoor
	Ambient tempreture	0 ~ 40 °C	
Connection	DIN Flange		

50Hz

Model	Flange (mm)	Q range (m³/min)	H max (m)	kW
1	25	0.7 ~ 2.4	215	0.37 ~ 2.2
3	32	1.2 ~ 4.5	225	0.37 ~ 3.0
5	32	2.5 ~ 8.5	232	0.37 ~ 5.5
10	40	5 ~ 13	222	0.37 ~ 7.5
15	50	8.5 ~ 23.5	228	1.1 ~ 15
20	50	10.5 ~ 29	241	1.1 ~ 18.5
32	65	15 ~ 40	269	1.5 ~ 30
45	80	22 ~ 58	326	3.0 ~ 45
64	100	30 ~ 85	221	4.0 ~ 45
90	100	45 ~ 120	177	5.5 ~ 45

60Hz

Model	Flange (mm)	Q range (gpm)	H max (ft)	hp
1	25	3.6 ~ 12.7	775	0.5 ~ 5.5
3	32	6.7 ~ 23.7	743	0.5 ~ 5.5
5	32	13.3 ~ 43.9	743	0.75 ~ 10
10	40	26.5 ~ 68.1	822	1.0 ~ 15
15	50	46.4 ~ 123	762	2.0 ~ 25
20	50	55.1 ~ 153	671	3.0 ~ 25
32	65	79.3 ~ 210	870	3.0 ~ 40
45	80	115 ~ 307	853	7.5 ~ 60
64	100	159 ~ 448	599	10 ~ 60
90	100	238 ~ 603	490	15 ~ 60

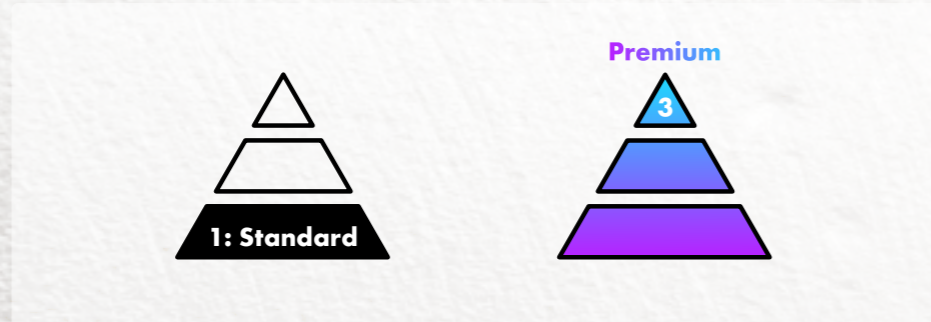
Variant

Selectable items as variant

Material



Motor IE class



Flange standard



Mechanical seal

Cartridge type mechanical seal can be replaced without removing electric motor. It makes maintenance easy.



Depending on the type of handling liquid, optional materials are available.

Stop ring	Rotation ring	Rubber	
Silicon Carbide	Silicon Carbide	EPDM	Standard
Silicon Carbide	Silicon Carbide	Viton	Optional
	Carbon	EPDM	Optional
Tungsten Carbide	Tungsten Carbide	Viton	Optional
		EPDM	Optional
	Carbon	EPDM	Optional
		Viton	Optional

Motor

2 Poles, 3-phase Totally Enclosed, Fan-Cooled motor

Enclosure class: IP55 / Insulation Class: F

50Hz		CONNECTION		RATED CURRENT [A]			
OUTPUT				3φ		3φ	
kW	HP	Flange	Frame	Δ220 - 240V	Δ380 - 415V	Δ380 - 415V	Δ660 - 720V
0.37	0.5	B14	71A	1.7 - 1.9	1.0 - 1.1		
0.55	0.75	B14	71B	2.6 - 2.9	1.5 - 1.7		
0.75	1.0	B14	80A	3.4 - 3.4	2.0 - 2.0		
1.1	1.5	B14	80B	4.8 - 5.0	2.8 - 2.9		
1.5	2.0	B14	90S	6.2 - 6.6	3.6 - 3.8		
2.2	3.0	B14	90L	8.8 - 9.4	5.1 - 5.4		
3.0	4.0	B14	100L	11.8 - 12.3	6.8 - 7.1	6.8 - 6.9	3.9 - 4.0
4.0	5.5	B14	112M	15.1 - 15.2	8.7 - 8.8	8.7 - 8.3	5.0 - 4.8
5.5	7.5	B5	132S	18.7 - 18.0	10.8 - 10.4	10.9 - 10.8	6.3 - 6.2
7.5	10	B5	132S	25.5 - 24.9	14.7 - 14.4	14.9 - 14.8	8.6 - 8.5
11	15	B5	160M	38.8 - 39.1	22.4 - 22.6	22.9 - 23.8	13.2 - 13.7
15	20	B5	160M	49.3 - 46.5	28.5 - 26.9	24.9 - 29.0	16.9 - 16.7
18.5	25	B5	160L	60.2 - 55.4	34.8 - 32.0	35.2 - 33.5	20.3 - 19.3
22	30	B5	180M	71.3 - 67.5	41.2 - 39.0	41.3 - 39.6	23.8 - 22.8
30	40	B5	200L			55.4 - 50.7	31.9 - 29.2
37	50	B5	200L			67.7 - 62.0	39.0 - 35.7
45	60	B5	225M			82.3 - 75.4	47.4 - 43.4
55	75	B5	250M			101 - 92.5	58.2 - 53.3
75	100	B5	280S			134 - 123	77.2 - 70.7

60Hz		CONNECTION		RATED CURRENT [A]			
OUTPUT				3φ		3φ	
kW	HP	Flange	Frame	Δ220 - 225V	Δ380 - 440V	Δ380 - 480V	Δ660 - 830V
0.37	0.5	B14	71A	1.7 - 1.7	1.0 - 1.0		
0.55	0.75	B14	71B	2.4 - 2.4	1.4 - 1.4		
0.75	1.0	B14	80A	3.1 - 3.1	1.8 - 1.8		
1.1	1.5	B14	80B	4.5 - 4.2	2.6 - 2.4		
1.5	2.0	B14	90S	5.9 - 6.1	3.4 - 3.5		
2.2	3.0	B14	90L	8.6 - 7.9	5.0 - 4.6		
3.0	4.0	B14	100L	11.4 - 10.5	6.6 - 6.1	6.5 - 6.1	3.8 - 3.5
4.0	5.5	B14	112M	14.2 - 13.0	8.2 - 7.5	8.4 - 7.2	4.8 - 4.2
5.5	7.5	B5	132S	18.5 - 15.8	10.7 - 9.1	10.7 - 9.4	6.2 - 5.4
7.5	10	B5	132S	24.7 - 21.6	14.3 - 12.5	14.4 - 12.8	8.3 - 7.4
11	15	B5	160M	37.0 - 33.9	21.4 - 19.6	21.5 - 20.6	12.4 - 11.9
15	20	B5	160M	48.5 - 40.7	28.0 - 23.5	28.5 - 24.9	16.4 - 14.3
18.5	25	B5	160L	59.7 - 49.3	34.5 - 28.5	34.6 - 28.9	19.9 - 16.6
22	30	B5	180M	70.4 - 58.5	40.7 - 33.8	41.1 - 34.3	23.7 - 19.8
30	40	B5	200L	97.2 - 89.1	56.1 - 51.4	56.1 - 51.4	32.3 - 29.6
37	50	B5	200L	118.2 - 108.4	68.3 - 62.5	68.3 - 62.5	39.3 - 36.0
45	60	B5	225M	143.5 - 131.5	82.8 - 75.9	82.8 - 75.9	47.7 - 43.7
55	75	B5	250M	174.0 - 159.5	100.5 - 92.0	100.5 - 92.0	57.9 - 53.0
75	100	B5	280S	235.8 - 216.2	136.1 - 124.7	136.1 - 124.7	78.4 - 71.9

Permissible pressure

The following table shows the maximum permissible operating and back pressure.

When making a plan, check these data tables and shut-off pressure so that pressure loading on this equipment no to exceed max. allowable pressure for safety use.

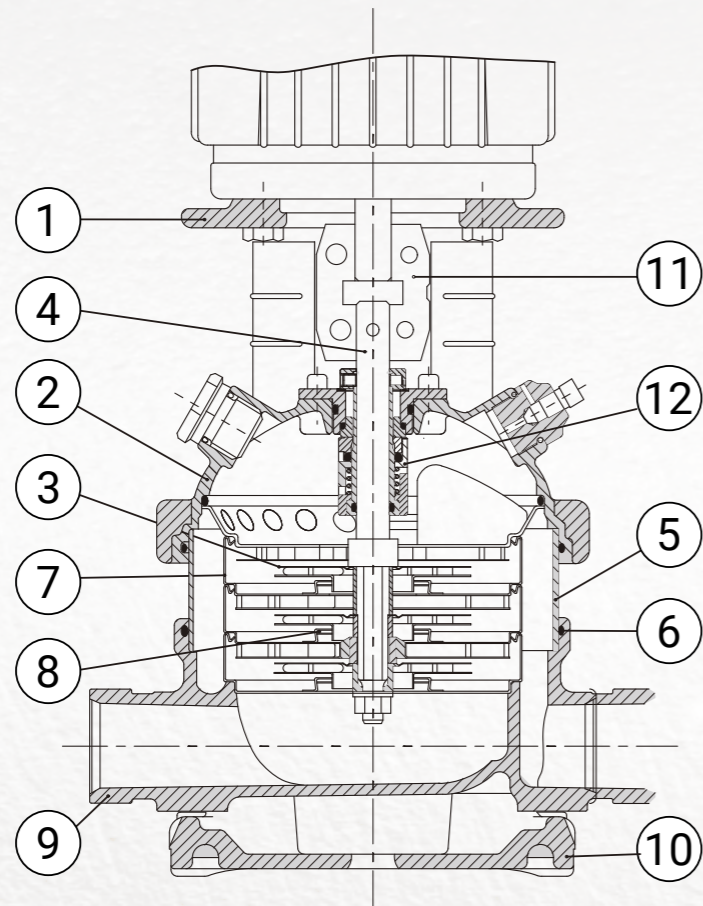
- ⚠ Rule1: Back pressure + Shut off pressure < Max. Operating pressure.
- ⚠ Rule2: Back pressure < Max. Back pressure.

50Hz			
Pump	Stages	Max. Operating P.	Max. Inlet P.
QSBI-1	2 ~ 36	25 bar	10 bar
QSBI-3	2 ~ 29	25 bar	10 bar
	31 ~ 36	25 bar	15 bar
QSBI-5	2 ~ 16	25 bar	10 bar
	18 ~ 36	25 bar	15 bar
QSBI-10	1 ~ 6	16 bar	8 bar
	7 ~ 16	16 bar	10 bar
	17 ~ 22	25 bar	10 bar
QSBI-15	1 ~ 3	16 bar	8 bar
	4 ~ 10	16 bar	10 bar
	12 ~ 17	25 bar	10 bar
QSBI-20	1 ~ 3	16 bar	8 bar
	4 ~ 10	16 bar	10 bar
	12 ~ 17	25 bar	10 bar
QSBI-32	[1-1] ~ 4	16 bar	4 bar
	5-2 ~ 7	16 bar	10 bar
	8-2 ~ 10	30 bar	10 bar
	[11-2] ~ 14	30 bar	15 bar
QSBI-45	1-1 ~ 2	16 bar	4 bar
	3-2 ~ 5	16 bar	10 bar
	6-2 ~ 11	30 bar	15 bar
	[12-2] ~ [13-2]	33 bar	15 bar
QSBI-64	[1-1] ~ [2-2]	16 bar	4 bar
	[2-1] ~ [4-2]	16 bar	10 bar
	[4-1] ~ 5	16 bar	15 bar
	[6-2] ~ [8-1]	30 bar	15 bar
QSBI-90	[1-1] ~ 1	16 bar	4 bar
	[2-2] ~ [3-2]	16 bar	10 bar
	3 ~ 4	16 bar	15 bar
	[5-2] ~ 6	30 bar	15 bar

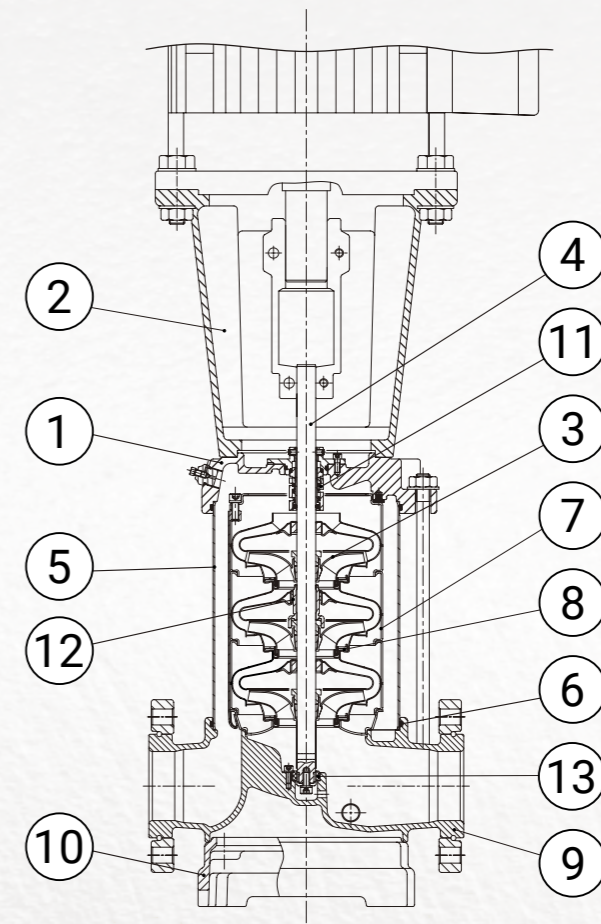
60Hz			
Pump	Stages	Max. Operating P.	Max. Inlet P.
QSBI-1	2 ~ 25	25 bar	10 bar
	27	25 bar	15 bar
QSBI-3	2 ~ 15	25 bar	10 bar
	17 ~ 25	25 bar	15 bar
QSBI-5	2 ~ 9	25 bar	10 bar
	10 ~ 24	25 bar	15 bar
QSBI-10	1 ~ 5	16 bar	8 bar
	6 ~ 10	16 bar	10 bar
	12 ~ 17	25 bar	10 bar
QSBI-15	1 ~ 2	16 bar	8 bar
	3 ~ 8	16 bar	10 bar
	9 ~ 12	25 bar	10 bar
QSBI-20	1	16 bar	8 bar
	2 ~ 7	16 bar	10 bar
	8 ~ 10	25 bar	10 bar
QSBI-32	[1-1] ~ 2	16 bar	4 bar
	[3-2] ~ 5	16 bar	10 bar
	[6-2] ~ 6	30 bar	10 bar
	[7-2] ~ [10-2]	30 bar	15 bar
QSBI-45	[1-1] ~ 1	16 bar	4 bar
	[2-2] ~ 3	16 bar	10 bar
	[4-2] ~ 4	16 bar	15 bar
	[5-2] ~ 7	30 bar	15 bar
QSBI-64	[1-1]	16 bar	4 bar
	1 ~ [2-1]	16 bar	10 bar
	2 ~ 3	16 bar	15 bar
	[4-2] ~ [5-2]	30 bar	15 bar
QSBI-90	[1-1] ~ [2-2]	16 bar	10 bar
	[2-1] ~ 3	16 bar	15 bar
	[4-2]	30 bar	15 bar

Structure QSBI-1~20

Structure QSBI-32~90



No	Name	Material	No	Name	Material
1	Pump head	Cast iron	7	Stage casing	Stainless Steel
2	Pump head cover	Stainless Steel	8	Neck ring	PTFE
3	Impeller	Stainless Steel	9	Base	Stainless Steel
4	Shaft	Stainless Steel	10	Base plate	Cast iron
5	Outer Sleeve	Stainless Steel	11	Coupling	Fe-Cu-C
6	O ring	EPDM	12	Mechanical seal	Cartridge

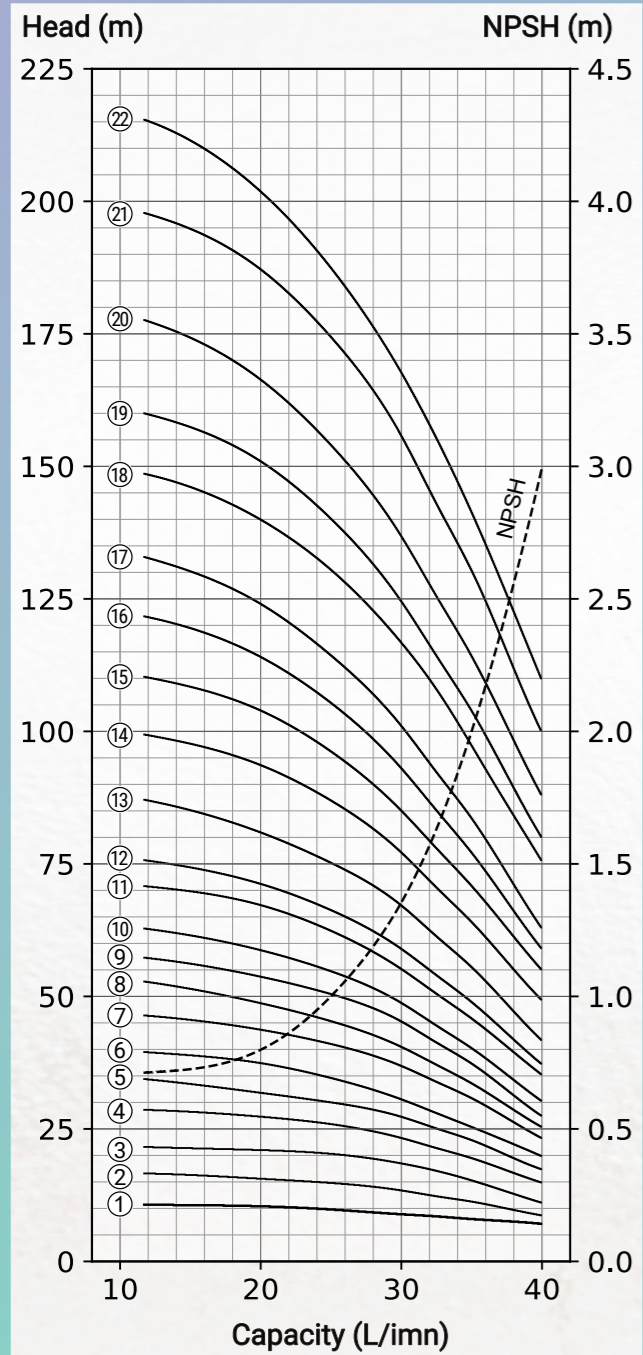


No	Name	Material	No	Name	Material
1	Pump head	Stainless steel	8	Neck ring	Carbon Fiber + POB + PTFE
2	Motor Bracket	Cast Iron	9	Base	Stainless steel
3	Impeller	Stainless steel	10	Base plate	Cast Iron
4	Shaft	Stainless steel	11	Mechanical seal	Cartridge
5	Outer Sleeve	Stainless steel	12	Bearing ring	Bronze
6	O-ring	EPDM	13	Bottom bearing ring	Tungsten Carbide
7	Stage casing	Stainless steel			

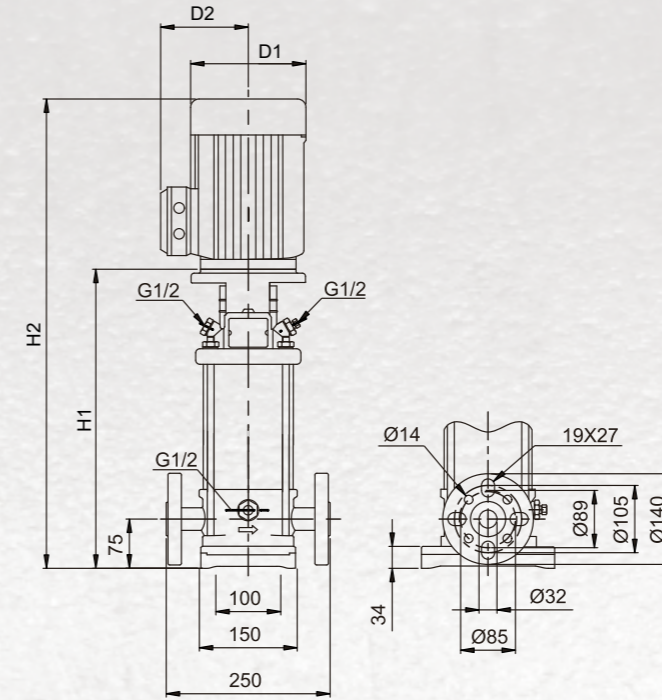
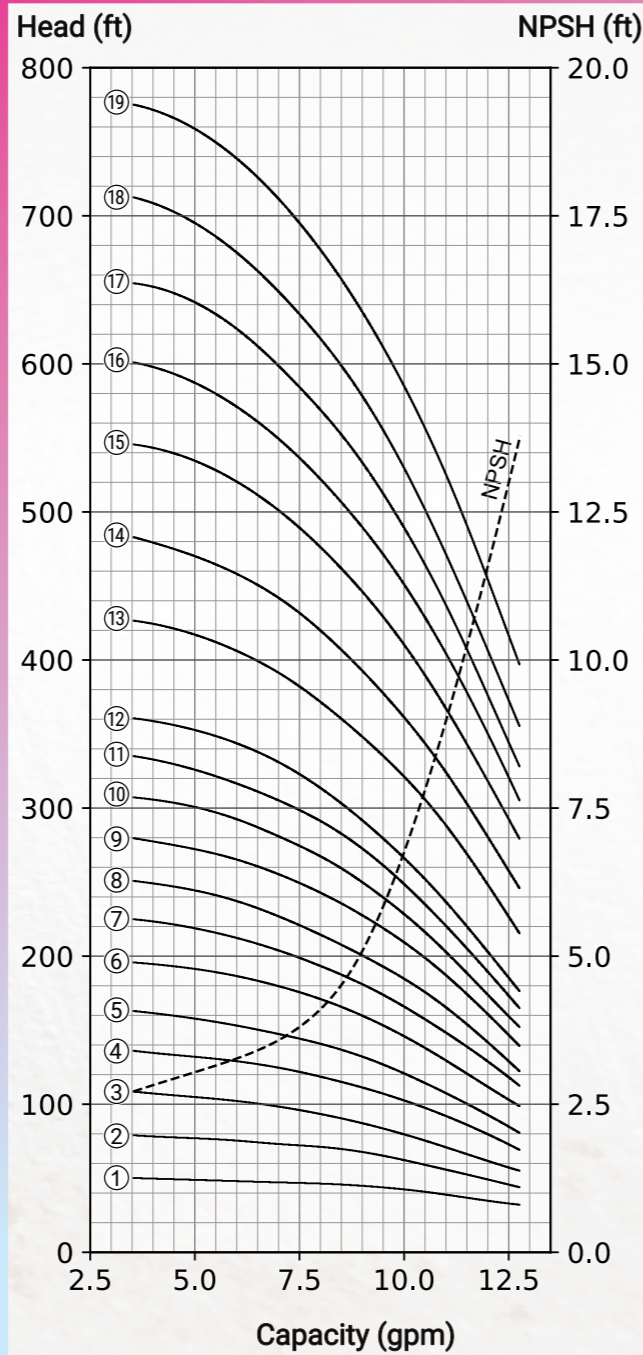
Performance QSBI-1

Dimension QSBI-1

50Hz



60Hz



Flange size	Hz	Stages	Flange p. class	Max. Operating P.	Max. Inlet P.
DN 25/32	50	2 ~ 36	PN25	25 bar	10 bar
	60	2 ~ 25	PN25	25 bar	10 bar
		27	PN25	25 bar	15 bar

Both DN 25 and 32 flanges are also connectable.
Both JIS 25A and 32A flanges are also connectable as JIS20K.

50Hz

No.	Model	kW	HP	H1	H2	H3	D1	D2	D3	KG
①	QSBI-1-2-5M0.37	0.37	0.5	282	477	-	141	115	-	21
②	QSBI-1-3-5M0.37	0.37	0.5	282	477	-	141	115	-	21
③	QSBI-1-4-5M0.37	0.37	0.5	300	495	-	141	115	-	21
④	QSBI-1-5-5M0.37	0.37	0.5	318	513	-	141	115	-	21
⑤	QSBI-1-6-5M0.37	0.37	0.5	336	531	-	141	115	-	22
⑥	QSBI-1-7-5M0.37	0.37	0.5	354	459	-	141	115	-	22
⑦	QSBI-1-8-5M0.55	0.55	0.75	372	567	-	141	115	-	23
⑧	QSBI-1-9-5M0.55	0.55	0.75	390	585	-	141	115	-	23
⑨	QSBI-1-10-5M0.55	0.55	0.75	408	603	-	141	115	-	24
⑩	QSBI-1-11-5M0.55	0.55	0.75	426	621	-	141	115	-	24
⑪	QSBI-1-12-5M0.75	0.75	1.0	450	685	-	141	115	-	27
⑫	QSBI-1-13-5M0.75	0.75	1.0	468	703	-	141	115	-	27
⑬	QSBI-1-15-5M0.75	0.75	1.0	504	739	-	141	115	-	28
⑭	QSBI-1-17-5M1.1	1.1	1.5	540	829	-	177	141	-	35
⑮	QSBI-1-19-5M1.1	1.1	1.5	576	865	-	177	141	-	36
⑯	QSBI-1-21-5M1.1	1.1	1.5	612	901	-	177	141	-	37
⑰	QSBI-1-23-5M1.1	1.1	1.5	648	937	-	177	141	-	37
⑱	QSBI-1-25-5M1.5	1.5	2.0	700	995	-	177	141	-	42
⑲	QSBI-1-27-5M1.5	1.5	2.0	736	1031	-	177	141	-	43
⑳	QSBI-1-30-5M1.5	1.5	2.0	790	1085	-	177	141	-	44
㉑	QSBI-1-33-5M2.2	2.2	3.0	844	1139	-	177	141	-	47
㉒	QSBI-1-36-5M2.2	2.2	3.0	898	1193	-	177	141	-	48

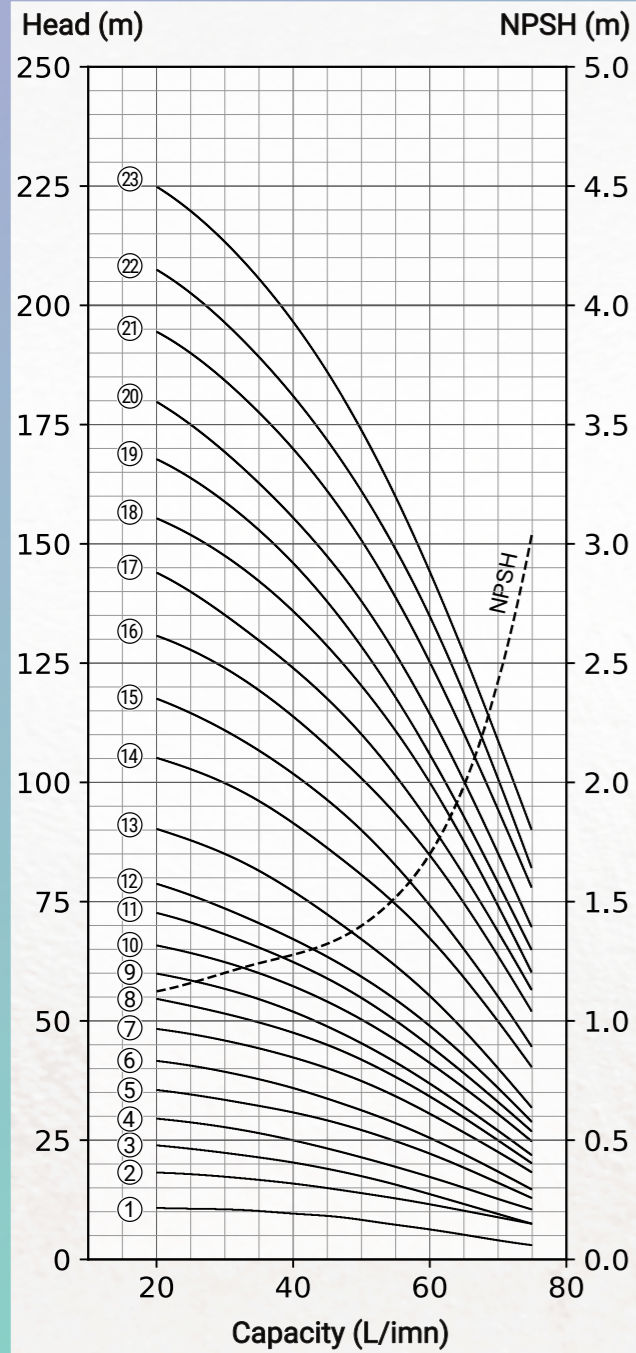
60Hz

No.	Model	kW	HP	H1	H2	H3	D1	D2	D3	KG
①	QSBI-1-2-6M0.37	0.37	0.5	282	477	-	141	115	-	21
②	QSBI-1-3-6M0.37	0.37	0.5	282	477	-	141	115	-	21
③	QSBI-1-4-6M0.37	0.37	0.5	300	495	-	141	115	-	21
④	QSBI-1-5-6M0.55	0.55	0.8	318	513	-	141	115	-	22
⑤	QSBI-1-6-6M0.55	0.55	0.8	336	531	-	141	115	-	22
⑥	QSBI-1-7-6M0.75	0.75	1.0	360	595	-	141	115	-	25
⑦	QSBI-1-8-6M0.75	0.75	1.0	378	613	-	141	115	-	26
⑧	QSBI-1-9-6M0.75	0.75	1.0	396	631	-	141	115	-	25
⑨	QSBI-1-10-6M1.1	1.1	1.5	414	703	-	177	141	-	33
⑩	QSBI-1-11-6M1.1	1.1	1.5	432	721	-	177	141	-	33
⑪	QSBI-1-12-6M1.1	1.1	1.5	450	739	-	177	141	-	33
⑫	QSBI-1-13-6M1.1	1.1	1.5	468	757	-	177	141	-	34
⑬	QSBI-1-15-6M1.5	1.5	2.0	520	815	-	177	141	-	39
⑭	QSBI-1-17-6M1.5	1.5	2.0	556	851	-	177	141	-	39
⑮	QSBI-1-19-6M2.2	2.2	3.0	592	887	-	177	141	-	42
⑯	QSBI-1-21-6M2.2	2.2	3.0	628	923	-	177	141	-	43
⑰	QSBI-1-23-6M2.2	2.2	3.0	664	959	-	177	141	-	43
⑱	QSBI-1-25-6M2.2	2.2	3.0	700	995	-	177	141	-	44
⑲	QSBI-1-27-6M3.0	3.0	4.0	741	1057	-	197	147	-	53

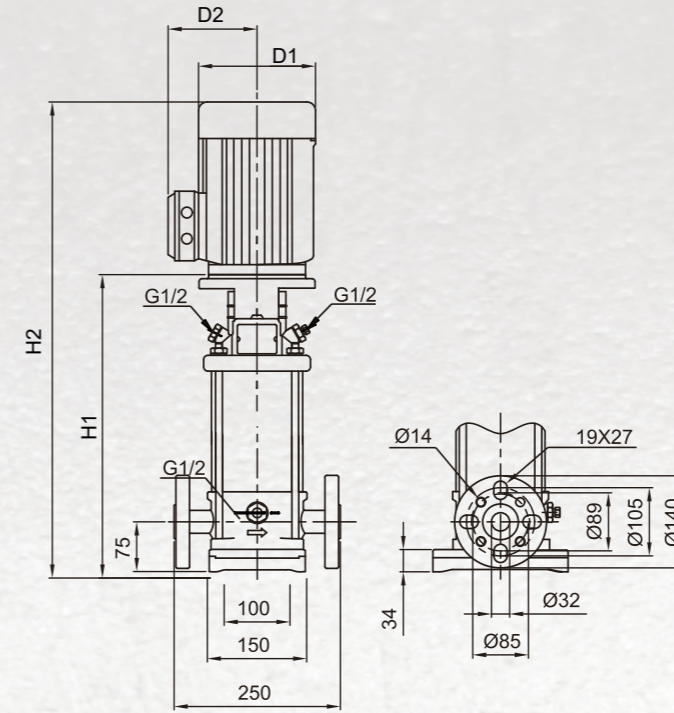
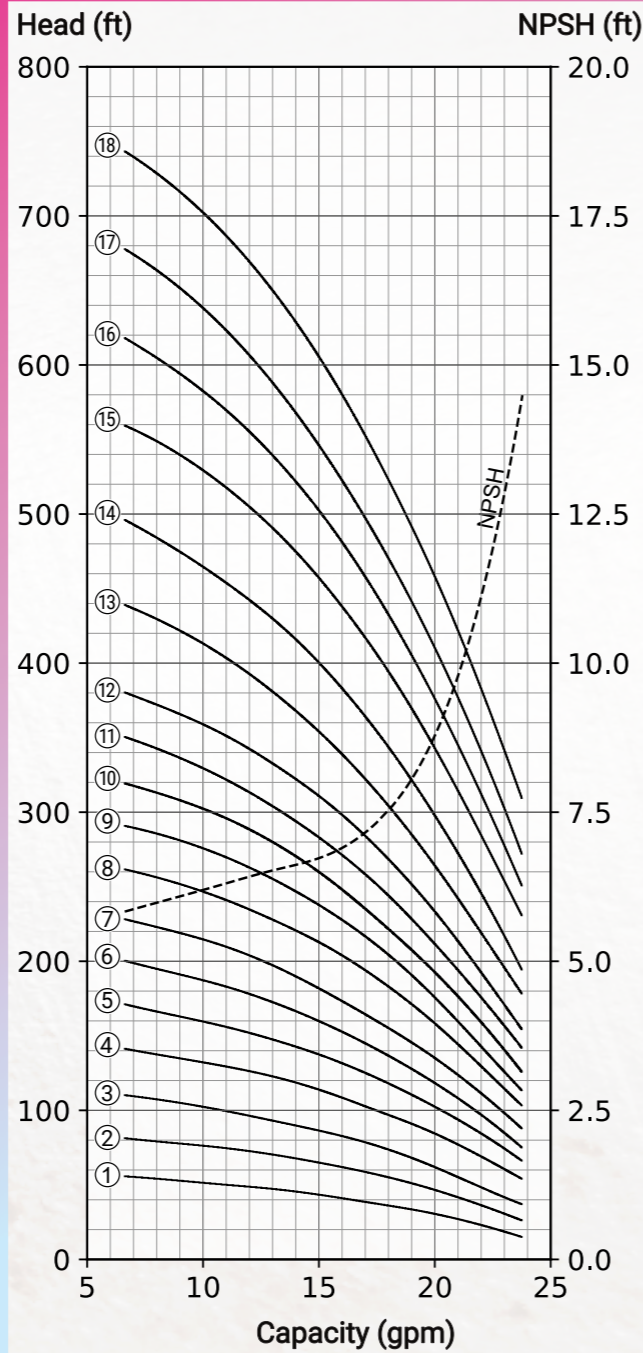
Performance QSBI-3

Dimension QSBI-3

50Hz



60Hz



Flange size	Hz	Stages	Flange p. class	Max. Operating P.	Max. Inlet P.
DN 25/32	50	2 ~ 29	PN25	25 bar	10 bar
		31 ~ 36	PN25	25 bar	15 bar
	60	2 ~ 15	PN25	25 bar	10 bar
		17 ~ 25	PN25	25 bar	15 bar

Both DN 25 and 32 flanges are also connectable.
Both JIS 25A and 32A flanges are also connectable as JIS20K.

50Hz

Ref.	Model	kW	HP	H1	H2	H3	D1	D2	D3	KG
①	QSBI-3-2-5M0.37	0.37	0.5	282	477	-	141	115	-	21
②	QSBI-3-3-5M0.37	0.37	0.5	282	477	-	141	115	-	21
③	QSBI-3-4-5M0.37	0.37	0.5	300	495	-	141	115	-	21
④	QSBI-3-5-5M0.37	0.37	0.5	318	513	-	141	115	-	21
⑤	QSBI-3-6-5M0.55	0.55	0.75	336	531	-	141	115	-	22
⑥	QSBI-3-7-5M0.55	0.55	0.75	354	549	-	141	115	-	23
⑦	QSBI-3-8-5M0.75	0.75	1.0	378	613	-	141	115	-	25
⑧	QSBI-3-9-5M0.75	0.75	1.0	396	631	-	141	115	-	25
⑨	QSBI-3-10-5M0.75	0.75	1.0	414	649	-	141	115	-	26
⑩	QSBI-3-11-5M1.1	1.1	1.5	432	721	-	177	141	-	33
⑪	QSBI-3-12-5M1.1	1.1	1.5	450	739	-	177	141	-	33
⑫	QSBI-3-13-5M1.1	1.1	1.5	468	757	-	177	141	-	34
⑬	QSBI-3-15-5M1.1	1.1	1.5	504	793	-	177	141	-	34
⑭	QSBI-3-17-5M1.5	1.5	2.0	556	851	-	177	141	-	39
⑮	QSBI-3-19-5M1.5	1.5	2.0	592	887	-	177	141	-	40
⑯	QSBI-3-21-5M2.2	2.2	3.0	628	923	-	177	141	-	43
⑰	QSBI-3-23-5M2.2	2.2	3.0	664	959	-	177	141	-	43
⑱	QSBI-3-25-5M2.2	2.2	3.0	700	995	-	177	141	-	44
⑲	QSBI-3-27-5M2.2	2.2	3.0	736	1031	-	177	141	-	45
⑳	QSBI-3-29-5M2.2	2.2	3.0	772	1067	-	177	141	-	46
㉑	QSBI-3-31-5M3.0	3.0	4.0	812	1128	-	197	147	-	55
㉒	QSBI-3-33-5M3.0	3.0	4.0	848	1164	-	197	147	-	56
㉓	QSBI-3-36-5M3.0	3.0	4.0	902	1218	-	197	147	-	57

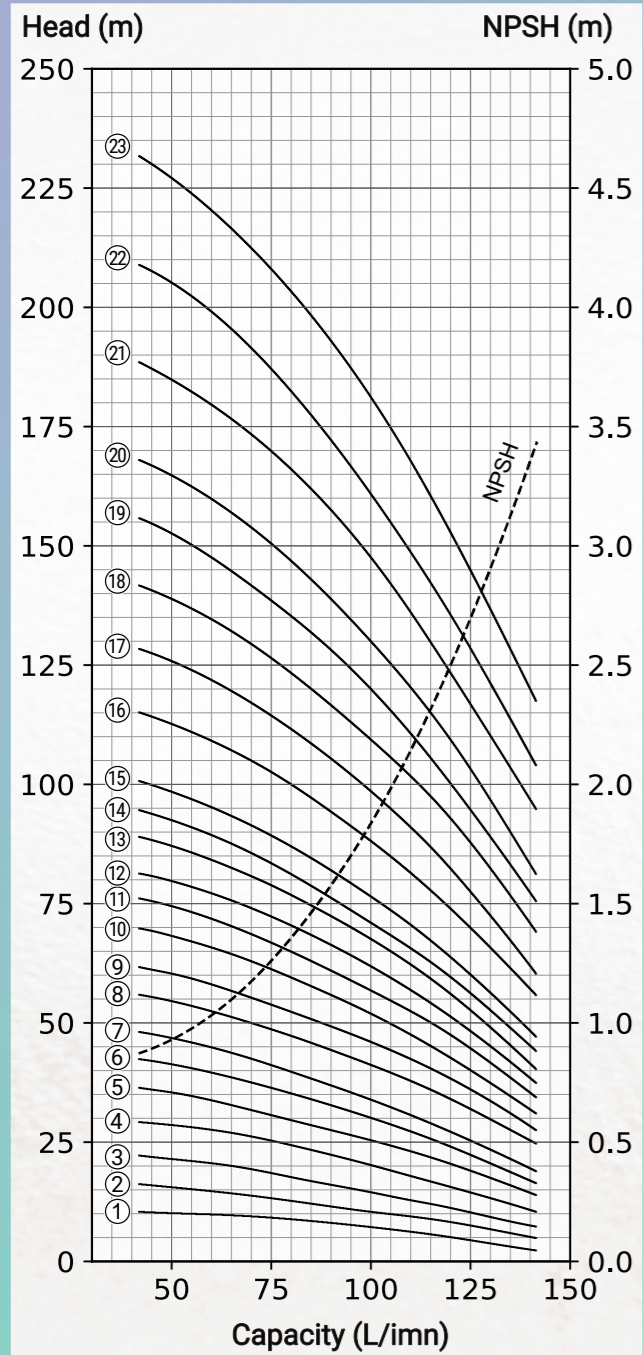
60Hz

Model	kW	HP	H1	H2	H3	D1	D2	D3	KG	
①	QSBI-3-2-6M0.37	0.37	0.5	282	477	-	141	115	-	21
②	QSBI-3-3-6M0.55	0.55	0.75	282	477	-	141	115	-	21
③	QSBI-3-4-6M0.55	0.55	0.75	300	495	-	141	115	-	22
④	QSBI-3-5-6M0.75	0.75	1.0	324	559	-	141	115	-	24
⑤	QSBI-3-6-6M1.1	1.1	1.5	342	631	-	177	141	-	31
⑥	QSBI-3-7-6M1.1	1.1	1.5	360	649	-	177	141	-	31
⑦	QSBI-3-8-6M1.1	1.1	1.5	378	667	-	177	141	-	32
⑧	QSBI-3-9-6M1.5	1.5	2.0	412	707	-	177	141	-	36
⑨	QSBI-3-10-6M1.5	1.5	2.0	430	725	-	177	141	-	37
⑩	QSBI-3-11-6M1.5	1.5	2.0	448	743	-	177	141	-	37
⑪	QSBI-3-12-6M2.2	2.2	3.0	466	761	-	177	141	-	39
⑫	QSBI-3-13-6M2.2	2.2	3.0	484	779	-	177	141	-	40
⑬	QSBI-3-15-6M2.2	2.2	3.0	520	815	-	177	141	-	40
⑭	QSBI-3-17-6M2.2	2.2	3.0	556	851	-	177	141	-	41
⑮	QSBI-3-19-6M3.0	3.0	4.0	597	913	-	197	147	-	50
⑯	QSBI-3-21-6M3.0	3.0	4.0	633	949	-	197	147	-	51
⑰	QSBI-3-23-6M3.0	3.0	4.0	669	985	-	197	147	-	52
⑱	QSBI-3-25-6M4.0	4.0	5.5	705	1031	-	220	161	-	57

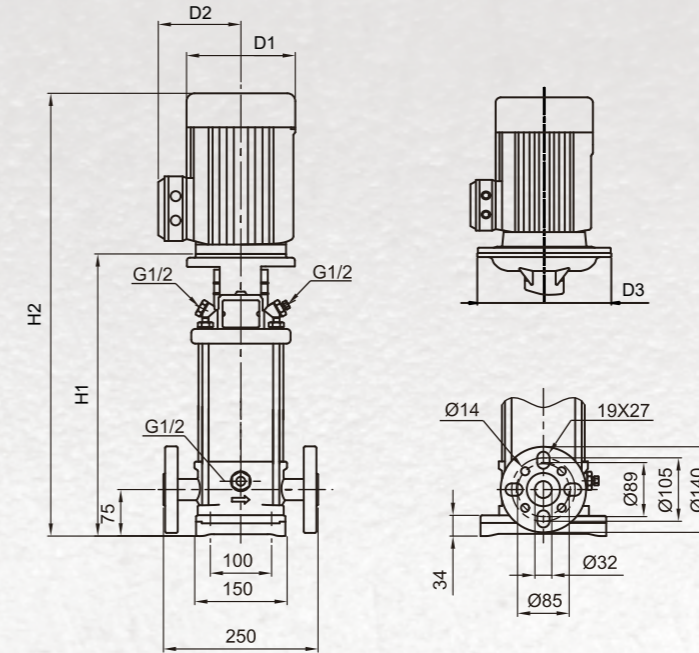
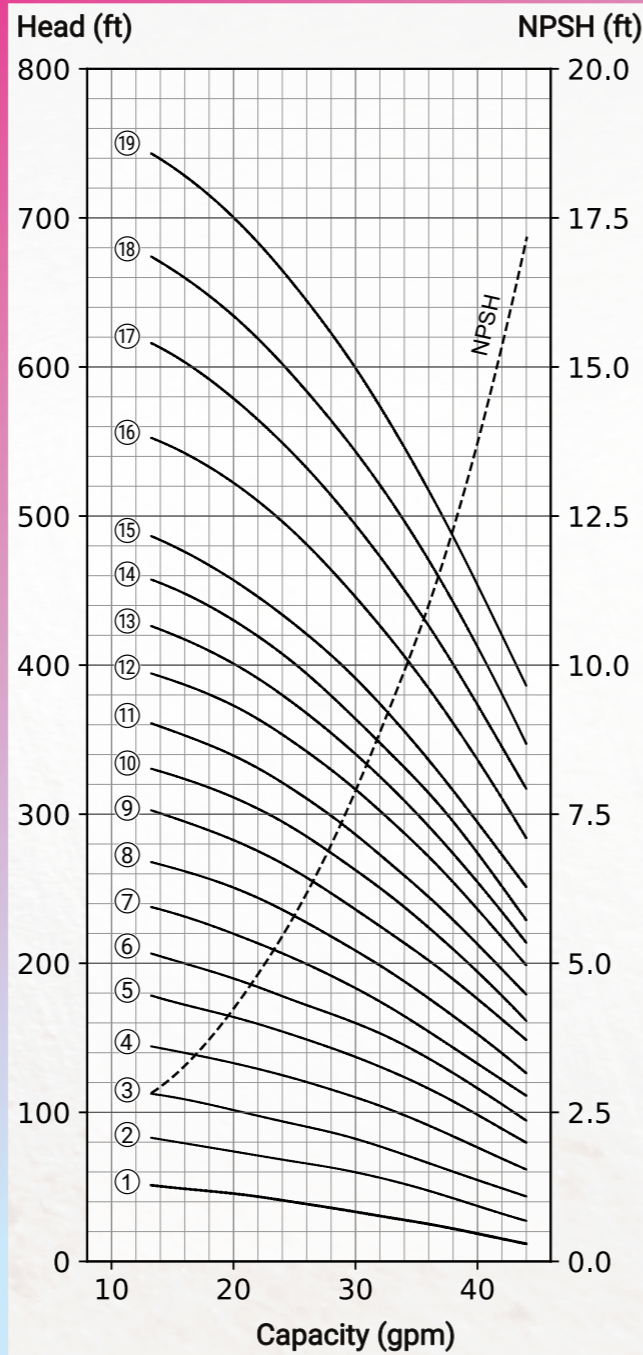
Performance QSBI-5

Dimension QSBI-5

50Hz



60Hz



Flange	Hz	Stages	Flange	Max. Operating P.	Max. Inlet P.
DN 25/32	50	2 ~ 16	PN25	25 bar	10 bar
		18 ~ 36	PN25	25 bar	15 bar
	60	2 ~ 9	PN25	25 bar	10 bar
		10 ~ 24	PN25	25 bar	15 bar

Both JIS 25A and 32A flanges are also connectable as JIS20K.

50Hz

No.	Model	kW	HP	H1	H2	H3	D1	D2	D3	KG
①	QSBI-5-2-5M0.37	0.37	0.5	282	477	-	141	115	-	21
②	QSBI-5-3-5M0.55	0.55	0.75	309	504	-	141	115	-	22
③	QSBI-5-4-5M0.55	0.55	0.75	336	531	-	141	115	-	22
④	QSBI-5-5-5M0.75	0.75	1.0	369	604	-	141	115	-	25
⑤	QSBI-5-6-5M1.1	1.1	1.5	396	685	-	177	141	-	32
⑥	QSBI-5-7-5M1.1	1.1	1.5	423	712	-	177	141	-	33
⑦	QSBI-5-8-5M1.1	1.1	1.5	450	739	-	177	141	-	33
⑧	QSBI-5-9-5M1.5	1.5	2.0	493	788	-	177	141	-	38
⑨	QSBI-5-10-5M1.5	1.5	2.0	520	815	-	177	141	-	38
⑩	QSBI-5-11-5M2.2	2.2	3.0	547	842	-	177	141	-	41
⑪	QSBI-5-12-5M2.2	2.2	3.0	574	869	-	177	141	-	41
⑫	QSBI-5-13-5M2.2	2.2	3.0	601	896	-	177	141	-	42
⑬	QSBI-5-14-5M2.2	2.2	3.0	628	923	-	177	141	-	42
⑭	QSBI-5-15-5M2.2	2.2	3.0	655	950	-	177	141	-	43
⑮	QSBI-5-16-5M2.2	2.2	3.0	682	977	-	177	141	-	43
⑯	QSBI-5-18-5M3.0	3.0	4.0	740	1056	-	197	147	-	53
⑰	QSBI-5-20-5M3.0	3.0	4.0	794	1110	-	197	147	-	54
⑱	QSBI-5-22-5M4.0	4.0	5.5	848	1174	-	220	161	-	59
⑲	QSBI-5-24-5M4.0	4.0	5.5	902	1228	-	220	161	-	60
⑳	QSBI-5-26-5M4.0	4.0	5.5	956	1282	-	220	161	-	62
㉑	QSBI-5-29-5M4.0	4.0	5.5	1037	1363	-	220	161	-	63
㉒	QSBI-5-32-5M5.5	5.5	7.5	1148	1510	-	235	197	300	86
㉓	QSBI-5-36-5M5.5	5.5	7.5	1256	1618	-	235	197	300	88

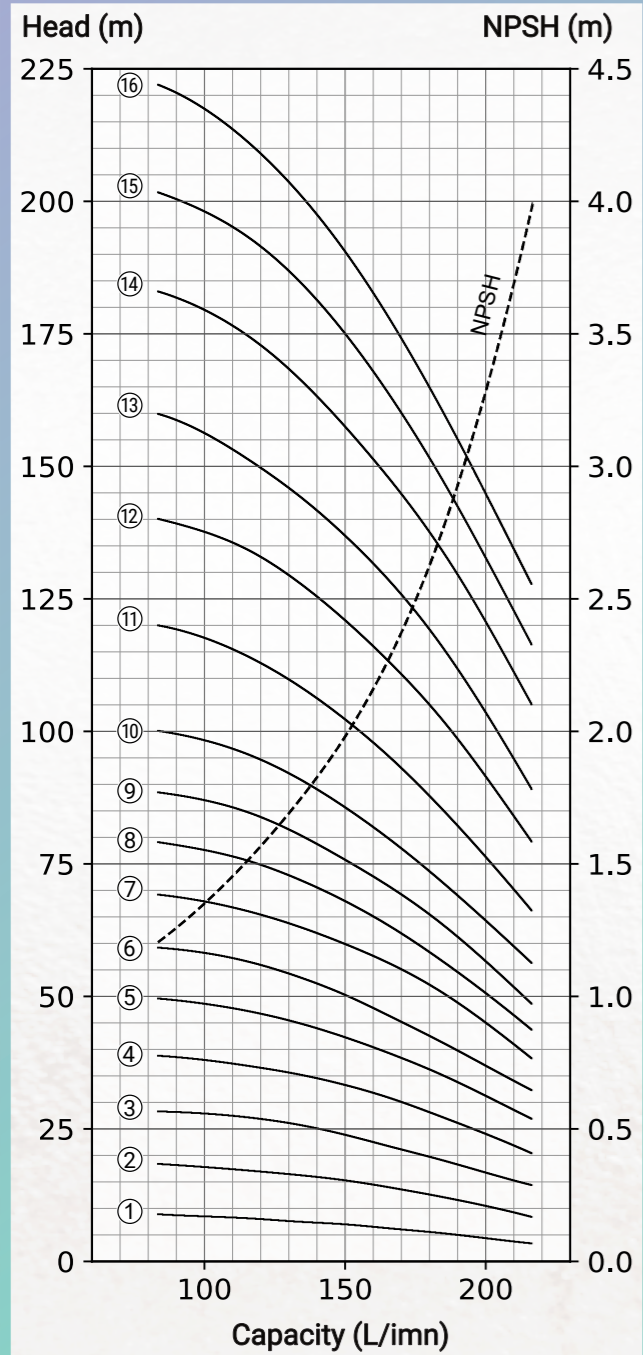
60Hz

No.	Model	kW	HP	H1	H2	H3	D1	D2	D3	KG
①	QSBI-5-2-6M0.55	0.55	0.75	282	477	-	141	115	-	21
②	QSBI-5-3-6M1.1	1.1	1.5	315	604	-	177	141	-	30
③	QSBI-5-4-6M1.1	1.1	1.5	342	631	-	177	141	-	31
④	QSBI-5-5-6M1.5	1.5	2.0	385	680	-	177	141	-	36
⑤	QSBI-5-6-6M2.2	2.2	3.0	412	707	-	177	141	-	38
⑥	QSBI-5-7-6M2.2	2.2	3.0	439	734	-	177	141	-	39
⑦	QSBI-5-8-6M2.2	2.2	3.0	466	761	-	177	141	-	39
⑧	QSBI-5-9-6M2.2	2.2	3.0	493	788	-	177	141	-	40
⑨	QSBI-5-10-6M3.0	3.0	4.0	525	841	-	197	147	-	49
⑩	QSBI-5-11-6M3.0	3.0	4.0	552	868	-	197	147	-	49
⑪	QSBI-5-12-6M3.0	3.0	4.0	579	895	-	197	147	-	50
⑫	QSBI-5-13-6M4.0	4.0	5.5	606	932	-	220	161	-	54
⑬	QSBI-5-14-6M4.0	4.0	5.5	633	959	-	220	161	-	55
⑭	QSBI-5-15-6M4.0	4.0	5.5	660	986	-	220	161	-	55
⑮	QSBI-5-16-6M4.0	4.0	5.5	687	1013	-	220	161	-	56
⑯	QSBI-5-18-6M5.5	5.5	7.5	770	1132	-	235	197	-	78
⑰	QSBI-5-20-6M5.5	5.5	7.5	824	1186	-	235	197	-	79
⑱	QSBI-5-22-6M5.5	5.5	7.5	878	1240	-	235	197	-	80
㉑	QSBI-5-24-6M7.5	7.5	10	932	1337	-	235	197	-	87

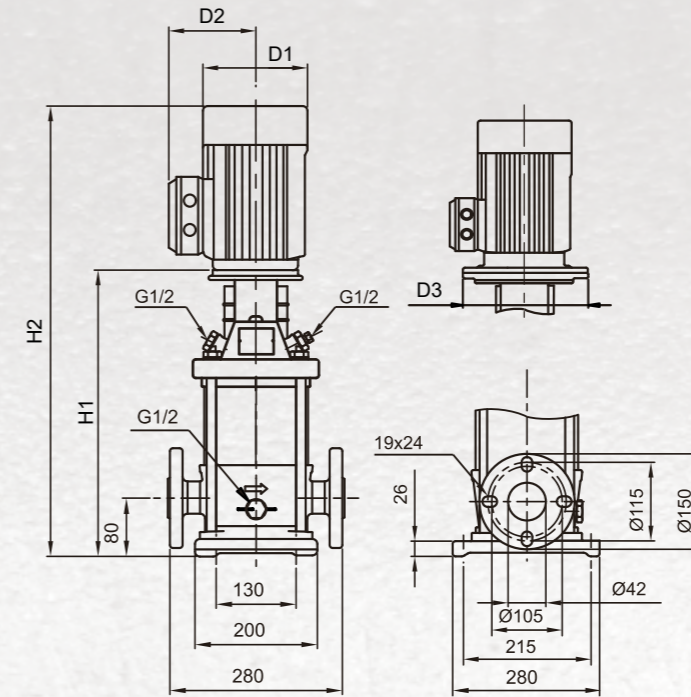
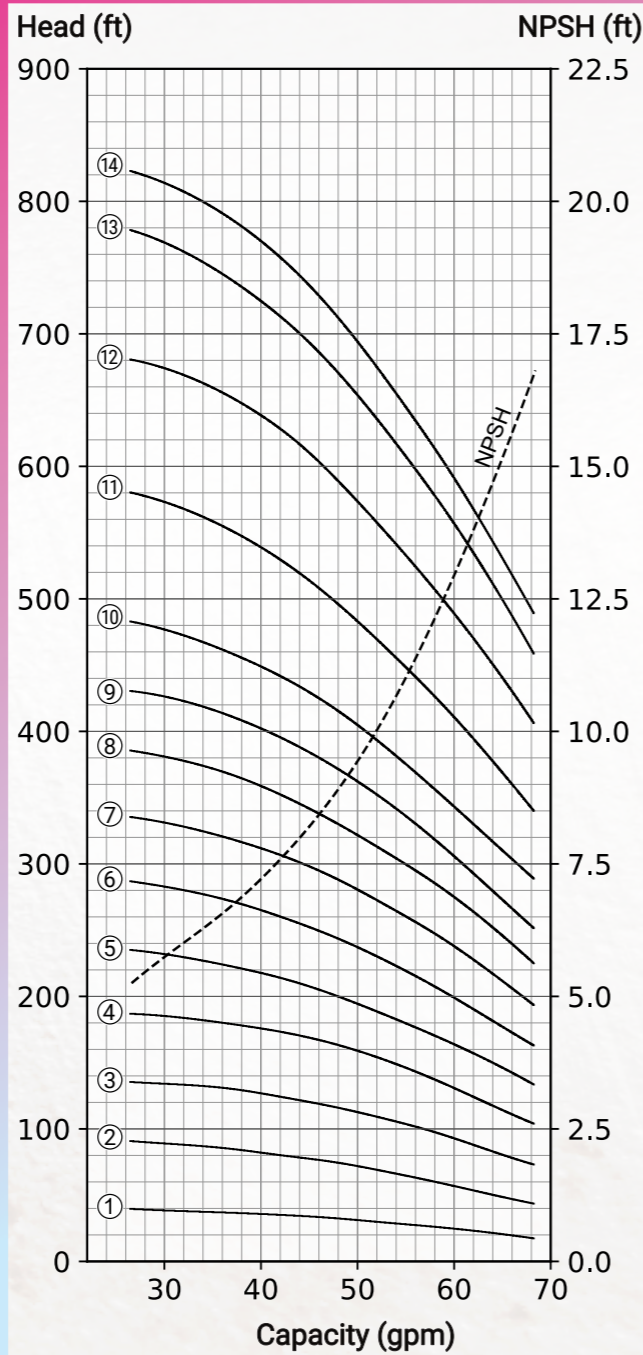
Performance QSBI-10

Dimension QSBI-10

50Hz



60Hz



Flange	Hz	Stages	Flange p. class	Max. Operating P.	Max. Inlet P.
DN 40	50	1 ~ 6	PN16 *	16 bar	8 bar
		7 ~ 16	PN16 *	16 bar	10 bar
		18 ~ 22	PN25 **	25 bar	10 bar
	60	1 ~ 5	PN16 *	16 bar	8 bar
		6 ~ 10	PN16 *	16 bar	10 bar
		12 ~ 17	PN25 **	25 bar	10 bar

*JIS 40A flange is also connectable as JIS10K.
**JIS 40A flange is also connectable as JIS20K.

50Hz

No.	Model	kW	HP	H1	H2	H3	D1	D2	D3	KG
①	QSBI-10-1-5M0.37	0.37	0.5	353	548		141	115	-	32
②	QSBI-10-2-5M0.75	0.75	1.0	357	592		141	115	-	35
③	QSBI-10-3-5M1.1	1.1	1.5	387	676		177	141	-	37
④	QSBI-10-4-5M1.5	1.5	2.0	433	728		177	141	-	46
⑤	QSBI-10-5-5M2.2	2.2	3.0	463	758		177	141	-	50
⑥	QSBI-10-6-5M2.2	2.2	3.0	493	788		177	141	-	51
⑦	QSBI-10-7-5M3.0	3.0	4.0	528	844		197	147	-	61
⑧	QSBI-10-8-5M3.0	3.0	4.0	558	874		197	147	-	62
⑨	QSBI-10-9-5M4.0	3.0	4.0	588	904		197	147	-	63
⑩	QSBI-10-10-5M4.0	4.0	5.5	618	944		220	161	-	68
⑪	QSBI-10-12-5M4.0	4.0	5.5	678	1004		220	161	-	70
⑫	QSBI-10-14-5M5.5	5.5	7.5	770	1132		235	197	300	100
⑬	QSBI-10-16-5M5.5	5.5	7.5	830	1192		235	197	300	102
⑭	QSBI-10-18-5M7.5	7.5	10	890	1295		235	197	300	112
⑮	QSBI-10-20-5M7.5	7.5	10	950	1355		235	197	300	114
⑯	QSBI-10-22-5M7.5	7.5	10	1010	1415		235	197	300	115

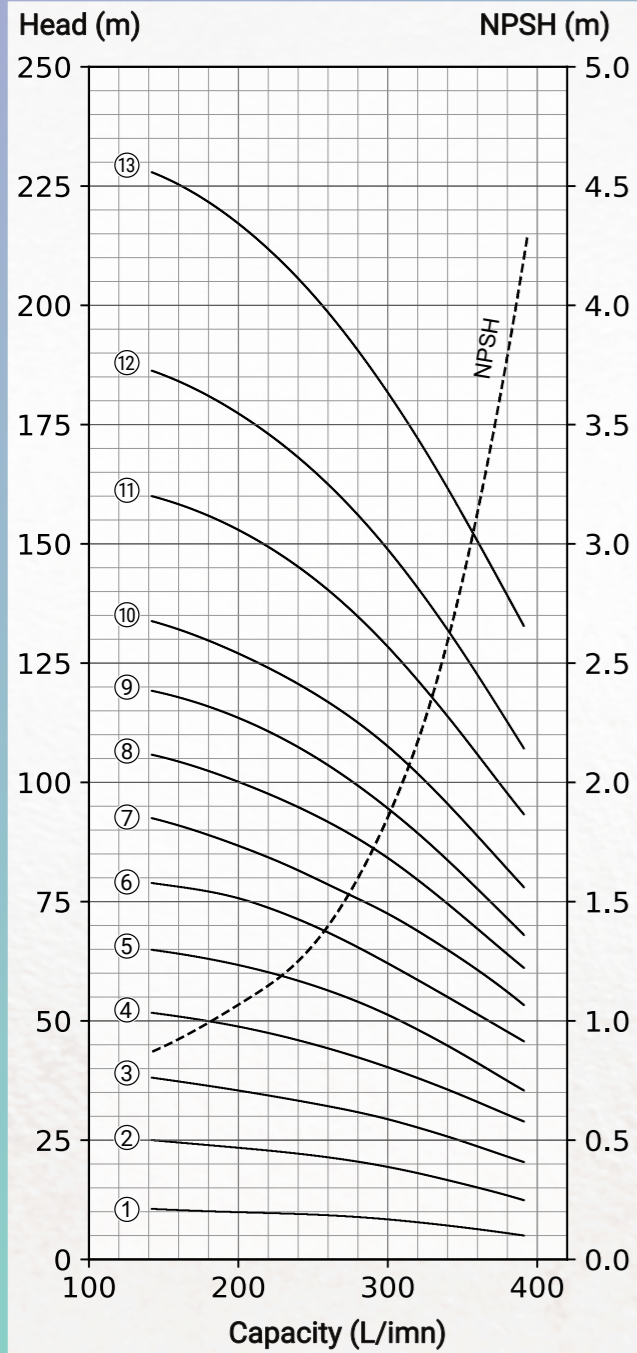
60Hz

No.	Model	kW	HP	H1	H2	H3	D1	D2	D3	KG
①	QSBI-10-1-6M0.75	0.75	1.0	357	592	-	141	115	-	34
②	QSBI-10-2-6M1.5	1.5	2.0	373	668	-	177	141	-	45
③	QSBI-10-3-6M2.2	2.2	3.0	403	698	-	177	141	-	48
④	QSBI-10-4-6M3.0	3.0	4.0	438	754	-	197	147	-	58
⑤	QSBI-10-5-6M3.0	3.0	4.0	468	784	-	197	147	-	59
⑥	QSBI-10-6-6M4.0	4.0	5.5	498	824	-	220	161	-	64
⑦	QSBI-10-7-6M5.5	5.5	7.5	560	922	-	235	197	300	93
⑧	QSBI-10-8-6M5.5	5.5	7.5	590	952	-	235	197	300	94
⑨	QSBI-10-9-6M5.5	5.5	7.5	620	982	-	235	197	300	95
⑩	QSBI-10-10-6M7.5	7.5	10	650	1055	-	235	197	300	102
⑪	QSBI-10-12-6M7.5	7.5	10	710	1115	-	235	197	300	104
⑫	QSBI-10-14-6M11	11	15	847	1292	-	269	215	350	137
⑬	QSBI-10-16-6M11	11	15	907	1352	-	269	215	350	140
⑭	QSBI-10-17-6M11	11	15	937	1382	-	269	215	350	141

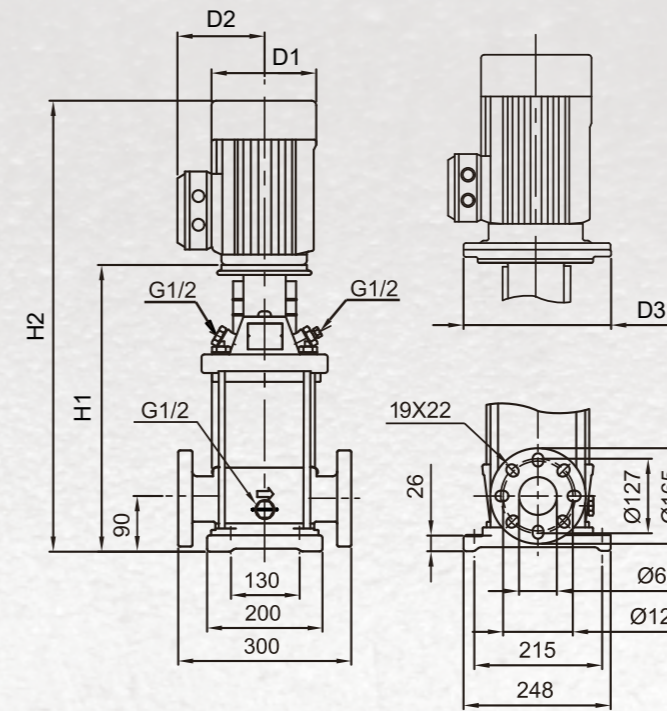
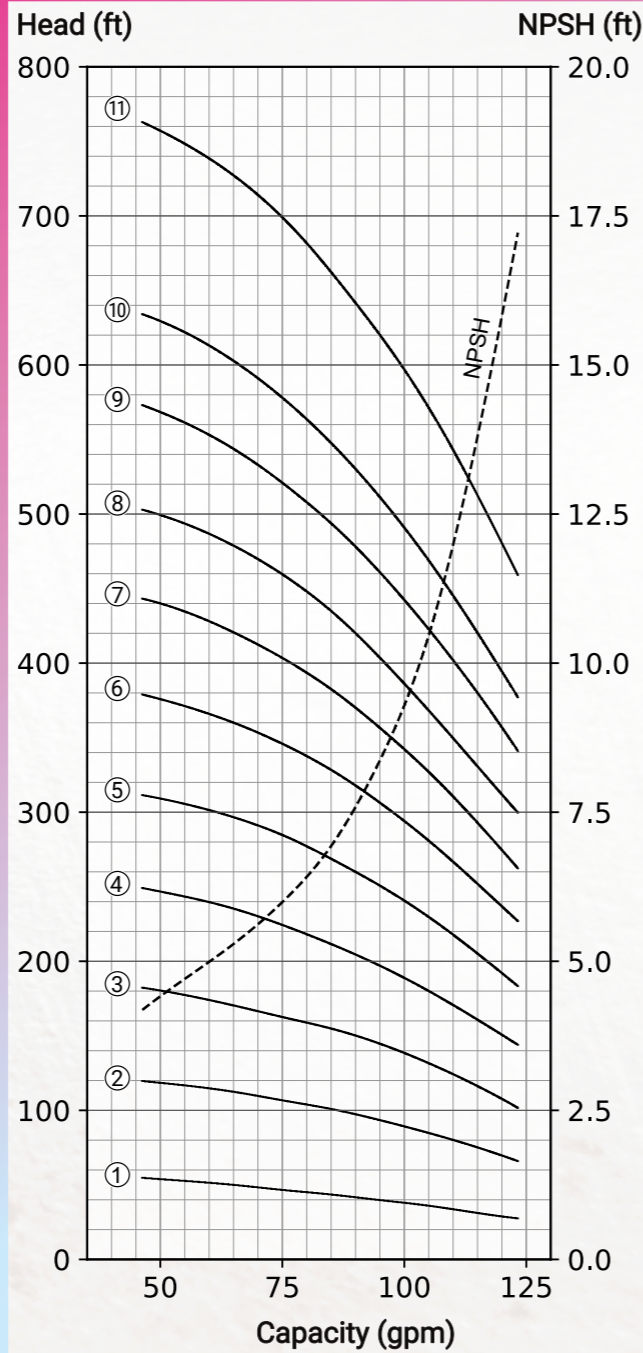
Performance QSBI-15

Dimension QSBI-15

50Hz



60Hz



Flange	Hz	Stages	Flange p. class	Max. Operating P.	Max. Inlet P.
DN 50	50	1 ~ 3	PN16 *	16 bar	8 bar
		4 ~ 10	PN16 *	16 bar	10 bar
		12 ~ 17	PN25 **	25 bar	10 bar
	60	1 ~ 2	PN16 *	16 bar	8 bar
		3 ~ 8	PN16 *	16 bar	10 bar
		9 ~ 12	PN25 **	25 bar	10 bar

*JIS 50A flange is also connectable as JIS10K.
**JIS 50A flange is also connectable as JIS20K.

50Hz

No.	Model	kW	HP	H1	H2	H3	D1	D2	D3	KG
①	QSBI-15-1-5M1.1	1.1	1.5	397	686	-	177	141	-	43
②	QSBI-15-2-5M2.2	2.2	3.0	413	708	-	177	141	-	49
③	QSBI-15-3-5M3.0	3.0	4.0	463	779	-	197	147	-	59
④	QSBI-15-4-5M4.0	4.0	5.5	508	834	-	220	161	-	64
⑤	QSBI-15-5-5M4.0	4.0	5.5	553	879	-	220	161	-	65
⑥	QSBI-15-6-5M5.5	5.5	7.5	630	992	-	235	197	300	95
⑦	QSBI-15-7-5M5.5	5.5	7.5	675	1037	-	235	197	300	96
⑧	QSBI-15-8-5M7.5	7.5	10	720	1125	-	235	197	300	107
⑨	QSBI-15-9-5M7.5	7.5	10	765	1170	-	235	197	300	106
⑩	QSBI-15-10-5M11	11	15	887	1332	-	269	215	350	139
⑪	QSBI-15-12-5M11	11	15	977	1422	-	269	215	350	142
⑫	QSBI-15-14-5M11	11	15	1067	1512	-	269	215	350	145
⑬	QSBI-15-17-5M15	15	20	1202	1692	-	269	215	350	160

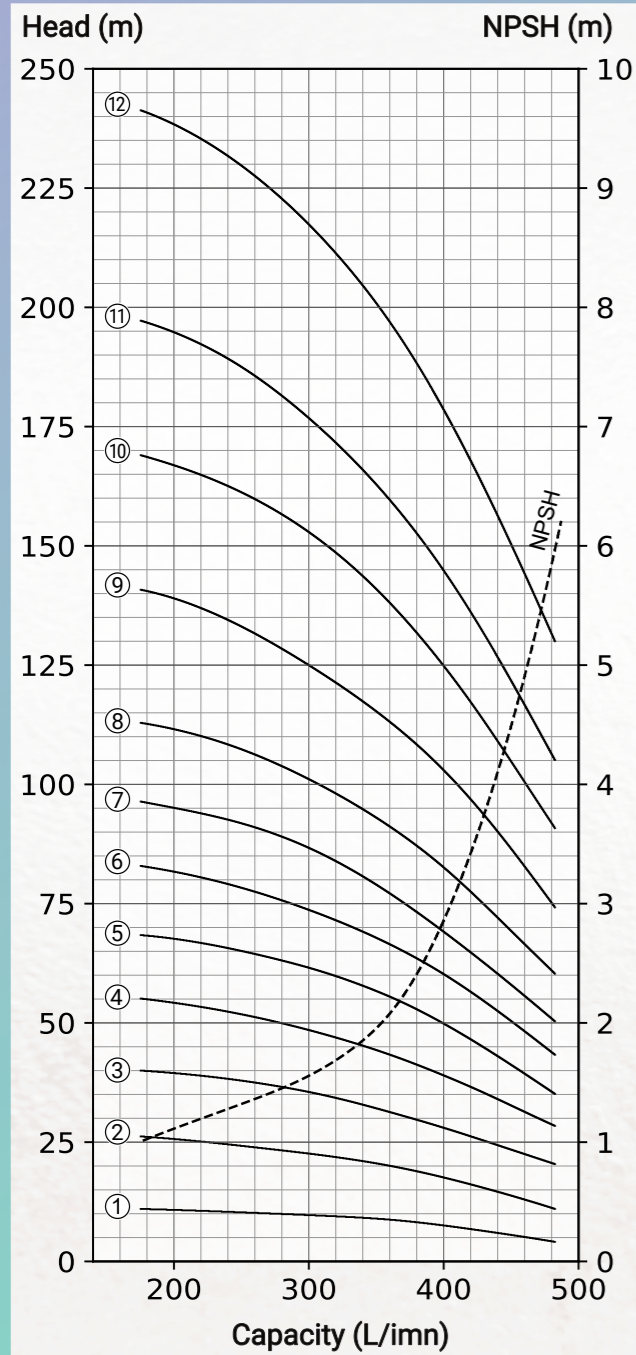
60Hz

No.	Model	kW	HP	H1	H2	H3	D1	D2	D3	KG
①	QSBI-15-1-6M1.5	1.5	2.0	413	708	-	177	141	-	47
②	QSBI-15-2-6M3.0	3.0	4.0	418	734	-	197	147	-	57
③	QSBI-15-3-6M4.0	4.0	5.5	463	789	-	220	161	-	63
④	QSBI-15-4-6M5.5	5.5	7.5	540	902	-	235	197	300	92
⑤	QSBI-15-5-6M7.5	7.5	10	585	990	-	235	197	300	99
⑥	QSBI-15-6-6M11	11	15	707	1152	-	269	215	350	132
⑦	QSBI-15-7-6M11	11	15	752	1197	-	269	215	350	134
⑧	QSBI-15-8-6M11	11	15	797	1242	-	269	215	350	135
⑨	QSBI-15-9-6M15	15	20	842	1332	-	269	215	350	147
⑩	QSBI-15-10-6M15	15	20	887	1377	-	269	215	350	149
⑪	QSBI-15-12-6M18.5	18.5	25	977	1517	-	318	241	350	183

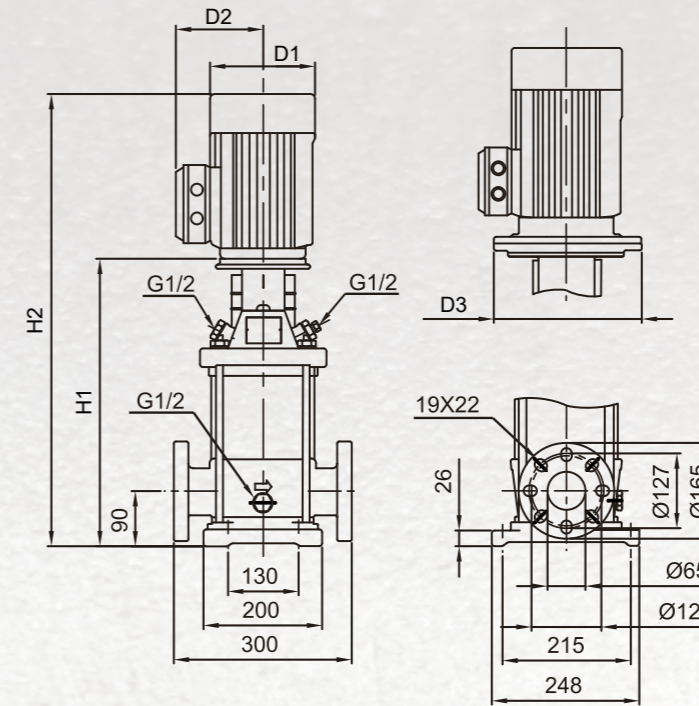
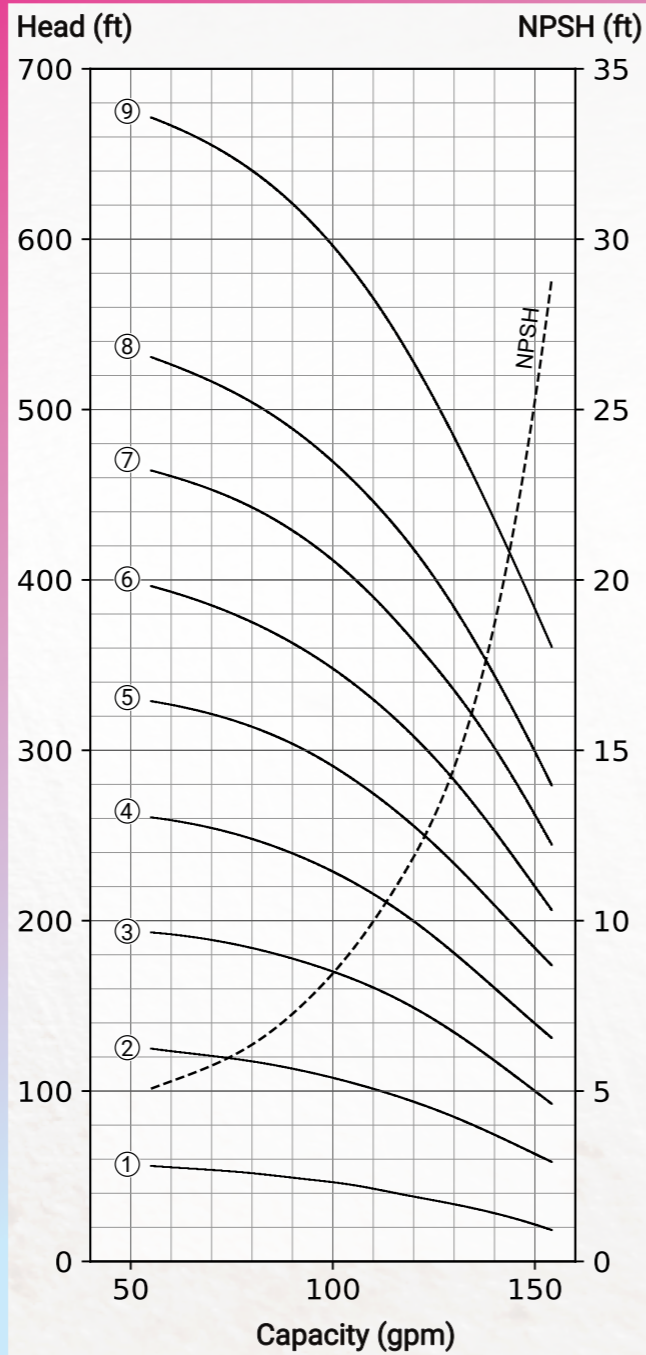
Performance QSBI-20

Dimension QSBI-20

50Hz



60Hz



Flange size	Hz	Stages	Flange P. class	Max. Operating P.	Max. Inlet P.
DN 50	50	1 ~ 3	PN16 *	16 bar	8 bar
		4 ~ 10	PN16 *	16 bar	10 bar
		12 ~ 17	PN25 **	25 bar	10 bar
DN 60	60	1	PN16 *	16 bar	8 bar
		2 ~ 7	PN16 *	16 bar	10 bar
		8 ~ 10	PN25 **	25 bar	10 bar

*JIS 50A flange is also connectable as JIS10K.
**JIS 50A flange is also connectable as JIS20K.

50Hz

No.	Model	kW	HP	H1	H2	H3	D1	D2	D3	KG
①	QSBI-20-1-5M1.1	1.1	1.5	397	686	-	177	141	-	43
②	QSBI-20-2-5M2.2	2.2	3.0	413	708	-	177	141	-	49
③	QSBI-20-3-5M4.0	4.0	5.5	463	789	-	220	161	-	63
④	QSBI-20-4-5M5.5	5.5	7.5	540	902	-	235	197	300	92
⑤	QSBI-20-5-5M5.5	5.5	7.5	585	947	-	235	197	300	94
⑥	QSBI-20-6-5M7.5	7.5	10	630	1035	-	235	197	300	101
⑦	QSBI-20-7-5M7.5	7.5	10	675	1080	-	235	197	300	102
⑧	QSBI-20-8-5M11	11	15	797	1242	-	269	215	350	136
⑨	QSBI-20-10-5M11	11	15	887	1332	-	269	215	350	139
⑩	QSBI-20-12-5M15	15	20	977	1467	-	269	215	350	153
⑪	QSBI-20-14-5M15	15	20	1067	1557	-	269	215	350	156
⑫	QSBI-20-17-5M18.5	18.5	25	1202	1742	-	318	241	350	193

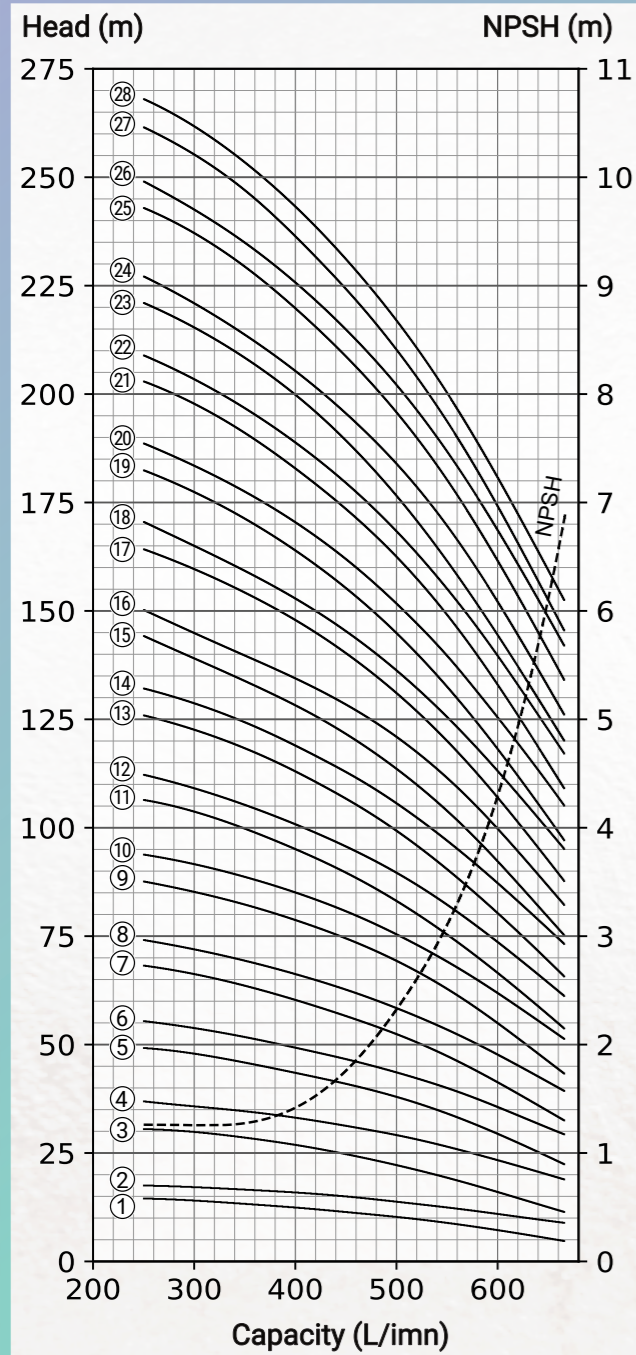
60Hz

No.	Model	kW	HP	H1	H2	H3	D1	D2	D3	KG
①	QSBI-20-1-6M2.2	2.2	3.0	415	710	-	177	141	-	49
②	QSBI-20-2-6M4.0	4.0	5.5	420	746	-	220	161	-	61
③	QSBI-20-3-6M5.5	5.5	7.5	497	859	-	235	197	300	91
④	QSBI-20-4-6M7.5	7.5	10	542	947	-	235	197	300	98
⑤	QSBI-20-5-6M11	11	15	664	1109	-	269	215	350	131
⑥	QSBI-20-6-6M11	11	15	709	1154	-	269	215	350	132
⑦	QSBI-20-7-6M15	15	20	754	1244	-	269	215	350	145
⑧	QSBI-20-8-6M15	15	20	799	1289	-	269	215	350	146
⑨	QSBI-20-10-6M18.5	18.5	25	889	1429	-	318	241	350	183

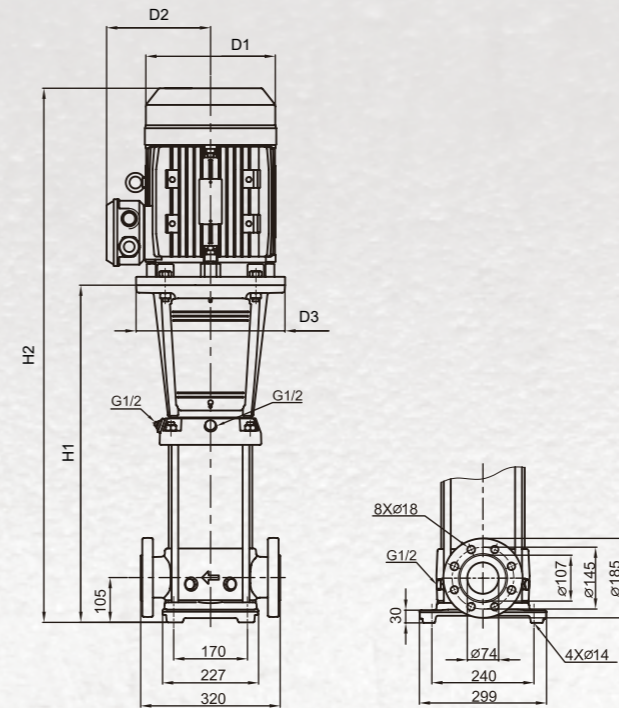
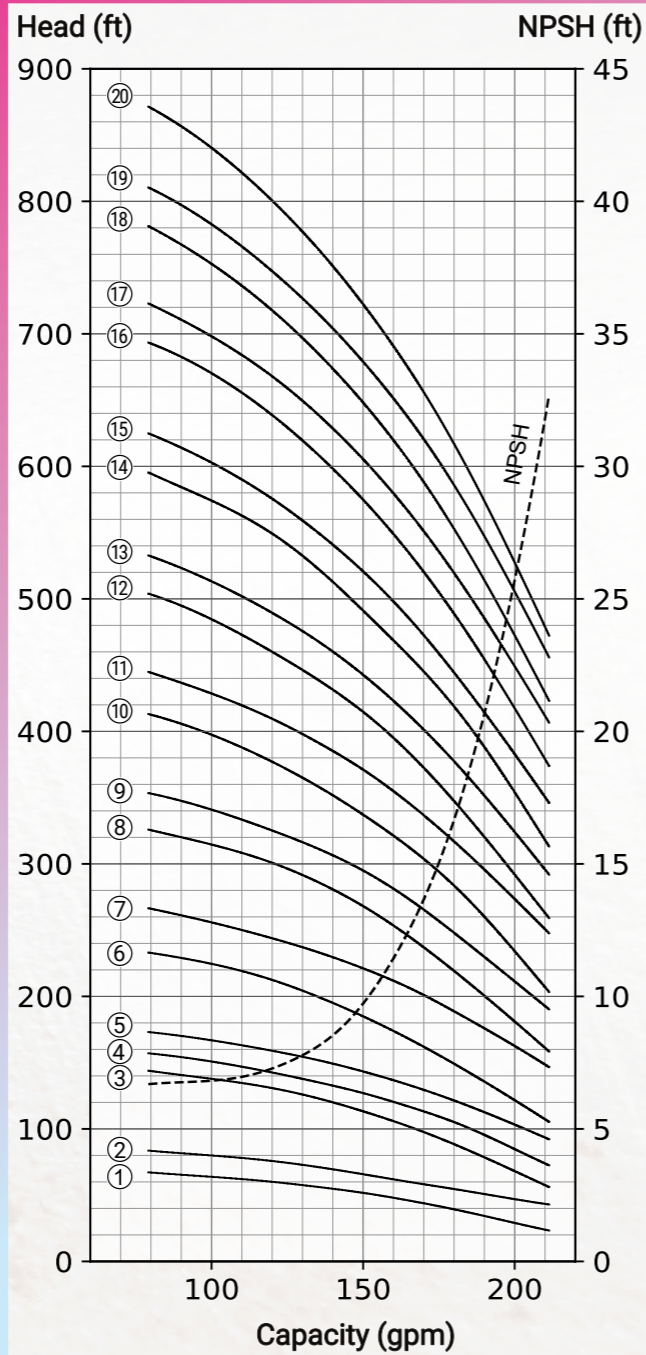
Performance QSBI-32

Dimension QSBI-32

50Hz



60Hz



Flange size	Hz	Stages	Flange P. class	Max. Operating P.	Max. Inlet P.
DN 65	50	1i ~ 4	PN16	16 bar	4 bar
		5ii ~ 7	PN16	16 bar	10 bar
		8ii ~ 10	PN40	30 bar	10 bar
		11ii ~ 14	PN40	30 bar	15 bar
	60	1i ~ 2	PN16	16 bar	4 bar
		3ii ~ 5	PN16	16 bar	10 bar
		6ii ~ 6	PN40	30 bar	10 bar
		7ii ~ 10ii	PN40	30 bar	15 bar

50Hz

No.	Model	kW	HP	H1	H2	H3	D1	D2	D3	KG
①	QSBI-32-1i-5M1.5	1.5	2.0	504	799	--	177	141	280	68
②	QSBI-32-1-5M2.2	2.2	3.0	504	799	--	177	141	280	70
③	QSBI-32-2ii-5M3.0	3.0	4.0	574	890	--	197	147	280	81
④	QSBI-32-2-5M4.0	4.0	5.5	574	900	--	220	161	280	85
⑤	QSBI-32-3ii-5M5.5	5.5	7.5	644	1006	--	235	197	300	105
⑥	QSBI-32-3-5M5.5	5.5	7.5	644	1006	--	235	197	300	105
⑦	QSBI-32-4ii-5M7.5	7.5	10	714	1119	--	235	197	300	114
⑧	QSBI-32-4-5M7.5	7.5	10	714	1119	--	235	197	300	114
⑨	QSBI-32-5ii-5M11	11	15	894	1339	--	269	215	350	154
⑩	QSBI-32-5-5M11	11	15	894	1339	--	269	215	350	154
⑪	QSBI-32-6ii-5M11	11	15	964	1409	--	269	215	350	157
⑫	QSBI-32-6-5M11	11	15	964	1409	--	269	215	350	157
⑬	QSBI-32-7ii-5M15	15	20	1034	1524	--	269	215	350	171
⑭	QSBI-32-7-5M15	15	20	1034	1524	--	269	215	350	171
⑮	QSBI-32-8ii-5M15	15	20	1104	1594	--	269	215	350	174
⑯	QSBI-32-8-5M15	15	20	1104	1594	--	269	215	350	174
⑰	QSBI-32-9ii-5M18.5	18.5	25	1174	1714	--	318	241	350	205
⑱	QSBI-32-9-5M18.5	18.5	25	1174	1714	--	318	241	350	205
⑲	QSBI-32-10ii-5M18.5	18.5	25	1244	1784	--	318	241	350	205
⑳	QSBI-32-10-5M18.5	18.5	25	1244	1784	--	318	241	350	205
㉑	QSBI-32-11ii-5M22	22	30	1314	1854	--	318	241	350	227
㉒	QSBI-32-11-5M22	22	30	1314	1854	--	318	241	350	228
㉓	QSBI-32-12ii-5M22	22	30	1384	1924	--	318	241	350	231
㉔	QSBI-32-12-5M22	22	30	1384	1924	--	318	241	350	231
㉕	QSBI-32-13ii-5M30	30	40	1454	2114	--	390	295	400	337
㉖	QSBI-32-13-5M30	30	40	1454	2114	--	390	295	400	337
㉗	QSBI-32-14ii-5M30	30	40	1524	2184	--	390	295	400	340
㉘	QSBI-32-14-5M30	30	40	1524	2184	--	390	295	400	340

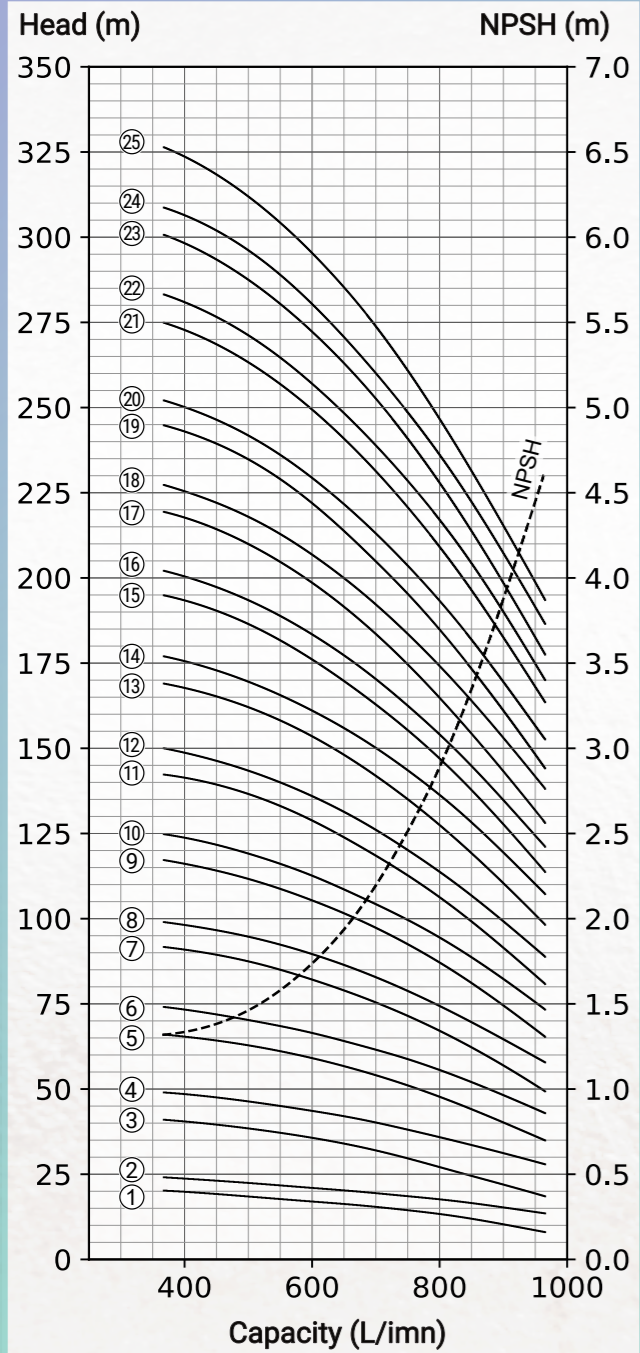
60Hz

No.	Model	kW	HP	H1	H2	H3	D1	D2	D3	KG
①	QSBI-32-1i-6M2.2	2.2	3.0	504	799	--	177	141	280	70
②	QSBI-32-1-6M3.0	3.0	4.0	504	820	--	197	147	280	78
③	QSBI-32-2ii-6M5.5	5.5	7.5	574	936	--	235	197	300	102
④	QSBI-32-2-6M5.5	5.5	7.5	574	936	--	235	197	300	102
⑤	QSBI-32-2-6M7.5	7.5	10	574	979	--	235	197	300	108
⑥	QSBI-32-3ii-6M11	11	15	754	1199	--	269	215	350	147
⑦	QSBI-32-3-6M11	11	15	754	1199	--	269	215	350	147
⑧	QSBI-32-4ii-6M11	11	15	824	1269	--	269	215	350	150
⑨	QSBI-32-4-6M15	15	20	824	1314	--	269	215	350	161
⑩	QSBI-32-5ii-6M15	15	20	894	1384	--	269	215	350	164
⑪	QSBI-32-5-6M18.5	18.5	25	894	1434	--	318	241	350	198
⑫	QSBI-32-6ii-6M18.5	18.5	25	964	1504	--	318	241	350	201
⑬	QSBI-32-6-6M18.5	18.5	25	964	1504	--	318	241	350	201
⑭	QSBI-32-7ii-6M22	22	30	1034	1574	--	318	241	350	217
⑮	QSBI-32-7-6M22	22	30	1034	1574	--	318	241	350	217
⑯	QSBI-32-8ii-6M30	30	40	1104	1764	--	390	295	400	324
⑰	QSBI-32-8-6M30	30	40	1104	1764	--	390	295	400	324
⑱	QSBI-32-9ii-6M30	30	40	1174	1834	--	390	295	400	326
⑲	QSBI-32-9-6M30	30	40	1174	1834	--	390	295	400	326
㉑	QSBI-32-10ii-6M30	30	40	1244	1904	--	390	295	400	329

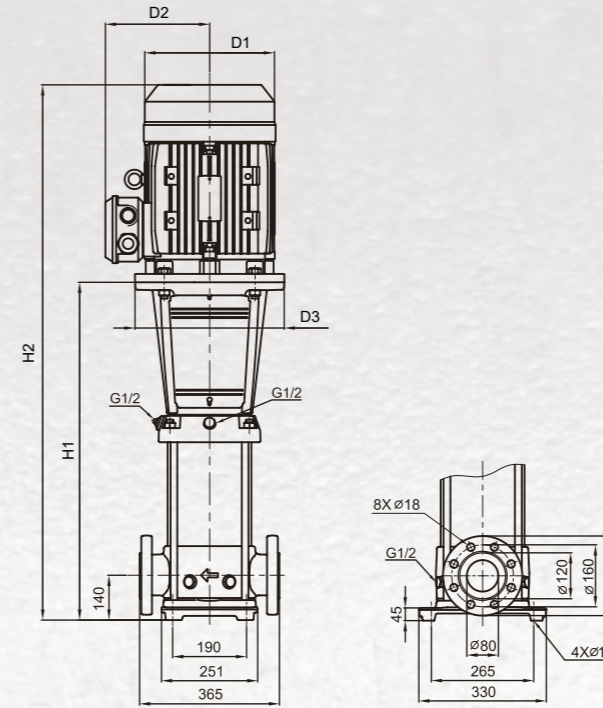
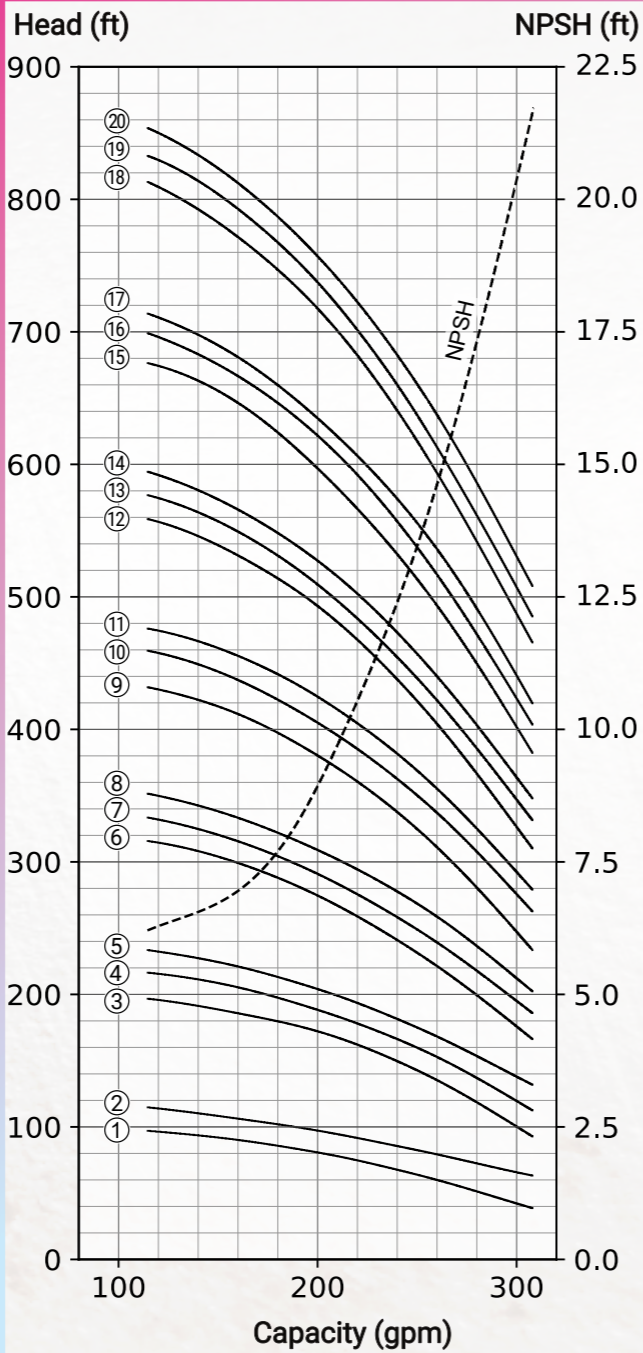
Performance QSBI-45

Dimension QSBI-45

50Hz



60Hz



Flange size	Hz	Stages	Flange P. class	Max. Operating P.	Max. Inlet P.
DN 80	50	1i ~ 2	PN16	16 bar	4 bar
		3ii ~ 5	PN16	16 bar	10 bar
		6ii ~ 11	PN40	30 bar	15 bar
		12ii ~ 13ii	PN40	33 bar	15 bar
	60	1i ~ 1	PN16	16 bar	4 bar
		2ii ~ 3	PN16	16 bar	10 bar
		4ii ~ 4	PN16	16 bar	15 bar
		5ii ~ 7	PN40	30 bar	15 bar

50Hz

No.	Model	kW	HP	H1	H2	H3	D1	D2	D3	KG
①	QSBI-45-1i-5M3.0	3.0	4.0	559	875	-	197	147	280	85
②	QSBI-45-1-5M4.0	4.0	5.5	559	885	-	220	161	280	89
③	QSBI-45-2ii-5M5.5	5.5	7.5	639	1001	-	235	197	300	109
④	QSBI-45-2-5M7.5	7.5	10	639	1044	-	235	197	300	115
⑤	QSBI-45-3ii-5M11	11	15	829	1274	-	269	215	350	156
⑥	QSBI-45-3-5M11	11	15	829	1274	-	269	215	350	156
⑦	QSBI-45-4ii-5M15	15	20	909	1399	-	269	215	350	171
⑧	QSBI-45-4-5M15	15	20	909	1399	-	269	215	350	171
⑨	QSBI-45-5ii-5M18.5	18.5	25	989	1529	-	318	241	350	199
⑩	QSBI-45-5-5M18.5	18.5	25	989	1529	-	318	241	350	199
⑪	QSBI-45-6ii-5M22	22	30	1069	1609	-	318	241	350	224
⑫	QSBI-45-6-5M22	22	30	1069	1609	-	318	241	350	224
⑬	QSBI-45-7ii-5M30	30	40	1149	1809	-	390	295	400	331
⑭	QSBI-45-7-5M30	30	40	1149	1809	-	390	295	400	331
⑮	QSBI-45-8ii-5M30	30	40	1229	1889	-	390	295	400	335
⑯	QSBI-45-8-5M30	30	40	1229	1889	-	390	295	400	335
⑰	QSBI-45-9ii-5M30	30	40	1309	1969	-	390	295	400	339
⑱	QSBI-45-9-5M30	30	40	1309	1969	-	390	295	400	339
⑲	QSBI-45-10ii-5M37	37	50	1389	2049	-	390	295	400	360
⑳	QSBI-45-10-5M37	37	50	1389	2049	-	390	295	400	360
㉑	QSBI-45-11ii-5M45	45	60	1469	2159	-	446	325	450	440
㉒	QSBI-45-11-5M45	45	60	1469	2159	-	446	325	450	440
㉓	QSBI-45-12ii-5M45	45	60	1549	2239	-	446	325	450	444
㉔	QSBI-45-12-5M45	45	60	1549	2239	-	446	325	450	444
㉕	QSBI-45-13ii-5M45	45	60	1629	2319	-	446	325	450	448

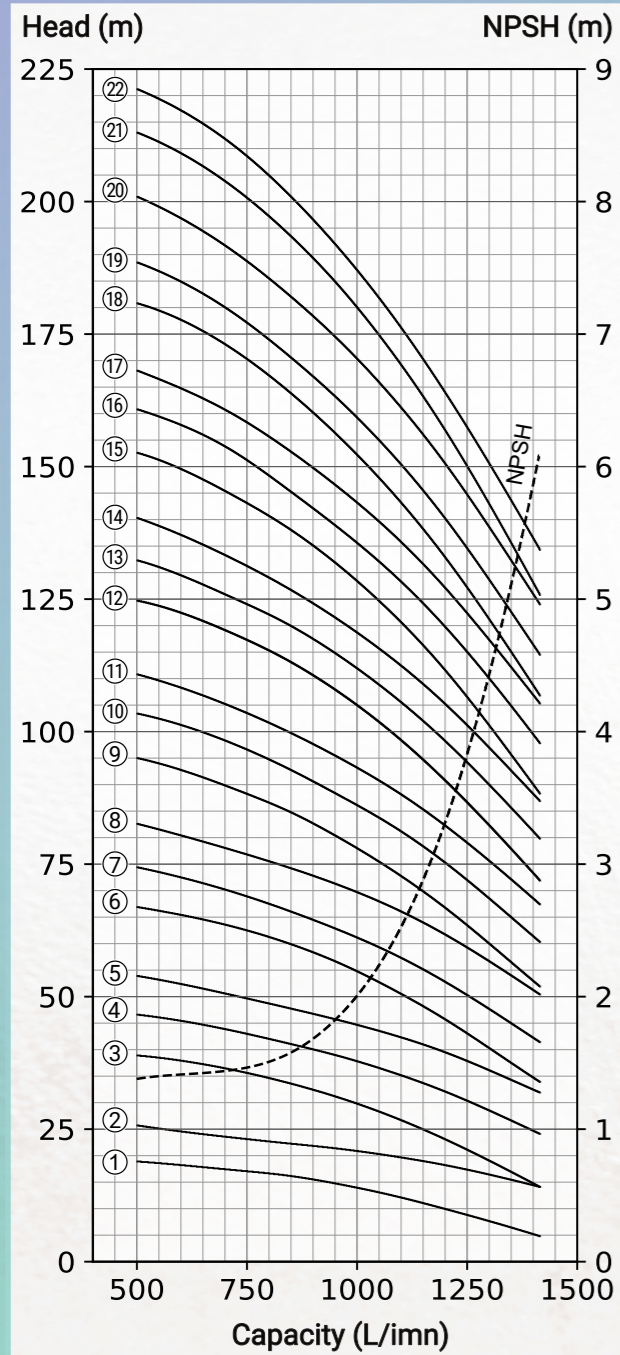
60Hz

No.	Model	kW	HP	H1	H2	H3	D1	D2	D3	KG
①	QSBI-45-1i-6M5.5	5.5	7.5	559	921	-	235	197	300	106
②	QSBI-45-1-6M7.5	7.5	10	559	964	-	235	197	300	111
③	QSBI-45-2ii-6M11	11	15	749	1194	-	269	215	350	151
④	QSBI-45-2i-6M11	11	15	749	1194	-	269	215	350	151
⑤	QSBI-45-2-6M15	15	20	749	1239	-	269	215	350	162
⑥	QSBI-45-3ii-6M18	18.5	25	829	1369	-	318	241	350	200
⑦	QSBI-45-3i-6M18	18.5	25	829	1369	-	318	241	350	200
⑧	QSBI-45-3-6M18	18.5	25	829	1369	-	318	241	350	200
⑨	QSBI-45-4ii-6M22	22	30	909	1449	-	318	241	350	216
⑩	QSBI-45-4i-6M30	30	40	909	1569	-	390	295	400	320
⑪	QSBI-45-4-6M30	30	40	909	1569	-	390	295	400	320
⑫	QSBI-45-5ii-6M30	30	40	989	1649	-	390	295	400	324
⑬	QSBI-45-5i-6M30	30	40	989	1649	-	390	295	400	324
⑭	QSBI-45-5-6M30	30	40	989	1649	-	390	295	400	324
⑮	QSBI-45-6ii-6M37	37	50	1069	1729	-	390	295	400	345
⑯	QSBI-45-6i-6M37	37	50	1069	1729	-	390	295	400	345
⑰	QSBI-45-6-6M37	37	50	1069	1729	-	390	295	400	345
⑱	QSBI-45-7ii-6M45	45	60	1149	1839	-	446	325	450	425
⑲	QSBI-45-7i-6M45	45	60	1149	1839	-	446	325	450	425
㉑	QSBI-45-7-6M45	45	60	1149	1839	-	446	325	450	425

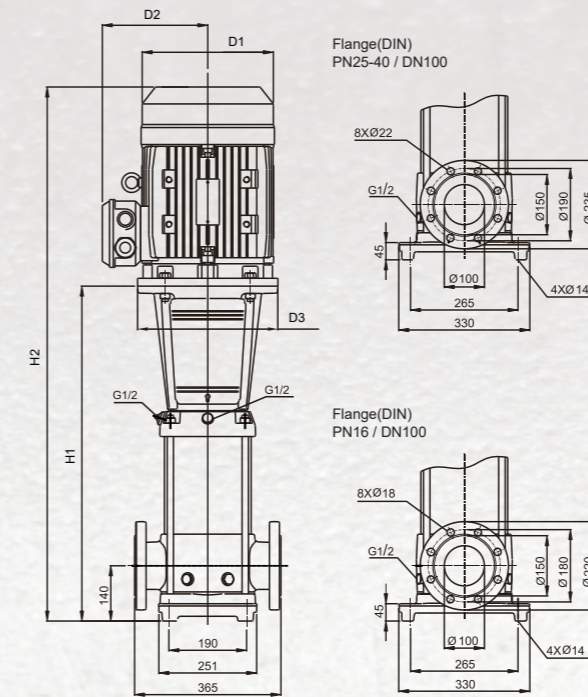
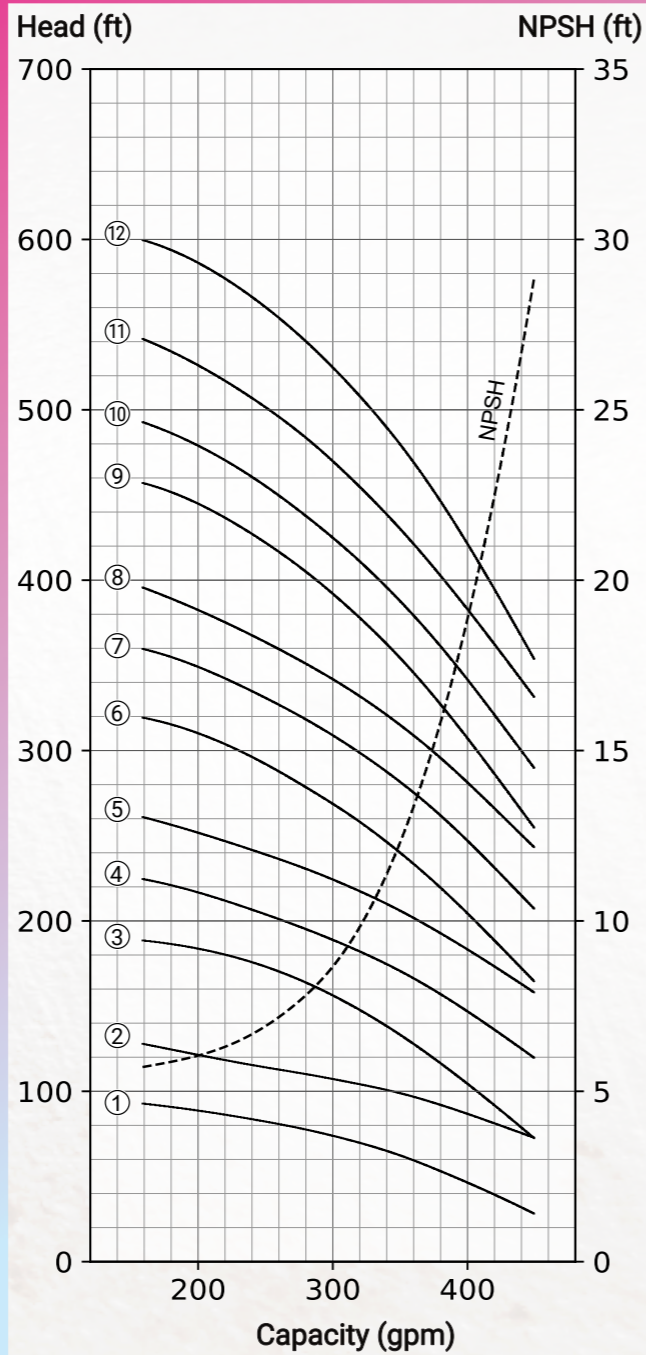
Performance QSBI-64

Dimension QSBI-64

50Hz



60Hz



Flange class	Hz	Stages	Flange P. class	Max. Operating P.	Max. Inlet P.
DN100	50	1i ~ 2ii	PN16	16 bar	4 bar
		2i ~ 4ii	PN16	16 bar	10 bar
		4i ~ 5	PN16	16 bar	15 bar
	60	6ii ~ 8i	PN40	30 bar	15 bar
		1i	PN16	16 bar	4 bar
		1 ~ 2i	PN16	16 bar	10 bar
		2 ~ 3	PN16	16 bar	15 bar
		4ii ~ 5ii	PN40	30 bar	15 bar

50Hz

No.	Model	kW	HP	H1	H2	H3	D1	D2	D3	KG
①	QSBI-64-1i-5M4.0	4.0	5.5	563	889	-	220	161	280	84
②	QSBI-64-1-5M5.5	5.5	7.5	563	925	-	235	197	300	101
③	QSBI-64-2ii-5M7.5	7.5	10	646	1051	-	235	197	300	111
④	QSBI-64-2i-5M11	11	15	756	1201	-	269	215	350	148
⑤	QSBI-64-2-5M11	11	15	756	1201	-	269	215	350	148
⑥	QSBI-64-3ii-5M15	15	20	838	1328	-	269	215	350	163
⑦	QSBI-64-3i-5M15	15	20	838	1328	-	269	215	350	166
⑧	QSBI-64-3-5M18.5	18.5	25	838	1378	-	318	241	350	196
⑨	QSBI-64-4ii-5M18.5	18.5	25	921	1461	-	318	241	350	200
⑩	QSBI-64-4i-5M22	22	30	921	1461	-	318	241	350	213
⑪	QSBI-64-4-5M22	22	30	921	1461	-	318	241	350	213
⑫	QSBI-64-5ii-5M30	30	40	1003	1663	-	390	295	400	320
⑬	QSBI-64-5i-5M30	30	40	1003	1663	-	390	295	400	320
⑭	QSBI-64-5-5M30	30	40	1003	1663	-	390	295	400	320
⑮	QSBI-64-6ii-5M30	30	40	1086	1746	-	390	295	400	324
⑯	QSBI-64-6i-5M37	37	50	1086	1746	-	390	295	400	342
⑰	QSBI-64-6-5M37	37	50	1086	1746	-	390	295	400	342
⑱	QSBI-64-7ii-5M37	37	50	1168	1828	-	390	295	400	346
⑲	QSBI-64-7i-5M37	37	50	1168	1828	-	390	295	400	346
⑳	QSBI-64-7-5M45	45	60	1172	1862	-	446	325	450	422
㉑	QSBI-64-8ii-5M45	45	60	1255	1945	-	446	325	450	426
㉒	QSBI-64-8i-5M45	45	60	1255	1945	-	446	325	450	426

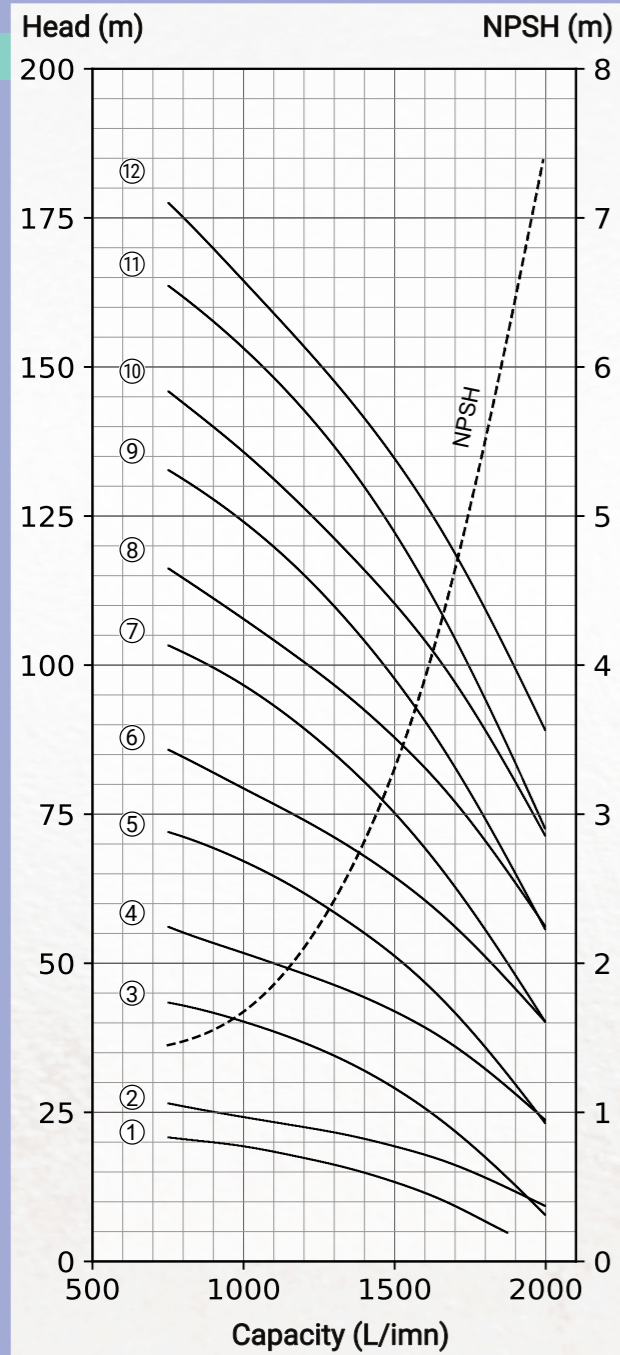
60Hz

No.	Model	kW	HP	H1	H2	H3	D1	D2	D3	KG
①	QSBI-64-1i-6M7.5	7.5	10	563	968	-	235	197	300	107
②	QSBI-64-1-6M11	11	15	673	1118	-	269	215	350	143
③	QSBI-64-2ii-6M15	15	20	756	1246	-	269	215	350	158
④	QSBI-64-2i-6M18.5	18.5	25	756	1296	-	318	241	350	192
⑤	QSBI-64-2-6M22	22	30	756	1296	-	318	241	350	204
⑥	QSBI-64-3ii-6M22	22	30	838	1378	-	318	241	350	209
⑦	QSBI-64-3i-6M30	30	40	838	1498	-	390	295	400	312
⑧	QSBI-64-3-6M30	30	40	838	1498	-	390	295	400	312
⑨	QSBI-64-4ii-6M37	37	50	921	1581	-	390	295	400	334
⑩	QSBI-64-4i-6M37	37	50	921	1581	-	390	295	400	334
⑪	QSBI-64-4-6M45	45	60	925	1615	-	446	325	450	410
⑫	QSBI-64-5ii-6M45	45	60	1007	1697	-	446	325	450	414

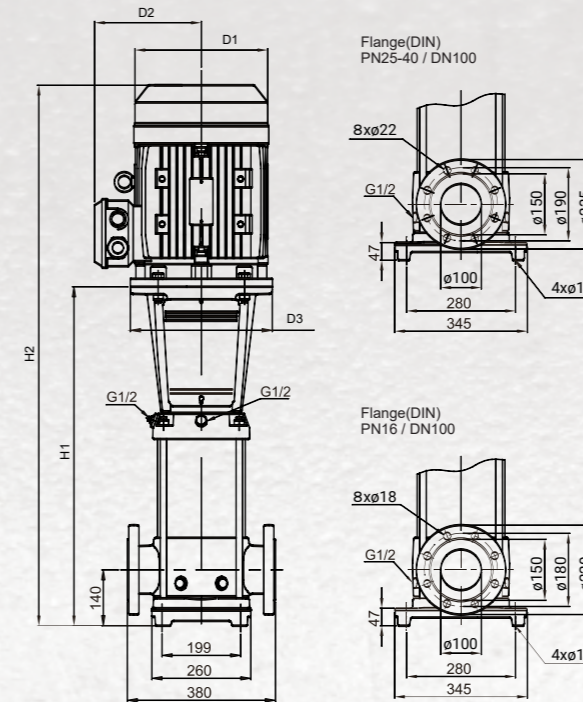
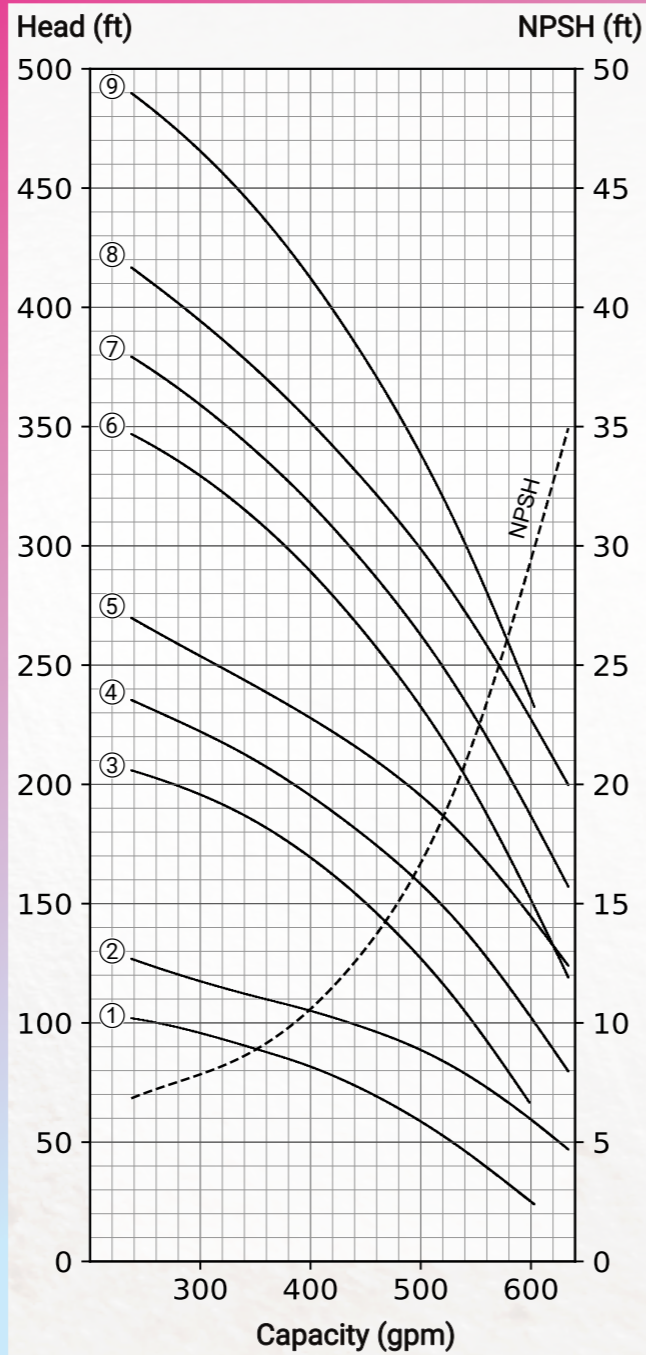
Performance QSBI-90

Dimension QSBI-90

50Hz



60Hz



Flange size	Hz	Stages	Flange P. class	Max. Operating P.	Max. Inlet P.
DN 100	50	1i ~ 1	PN16	16 bar	4 bar
		2ii ~ 3ii	PN16	16 bar	10 bar
		3 ~ 4	PN16	16 bar	15 bar
	60	5ii ~ 6	PN40	30 bar	15 bar
		1i ~ 2ii	PN16	16 bar	10 bar
		2i ~ 3	PN16	16 bar	15 bar
		4ii	PN40	30 bar	15 bar

50Hz

No.	Model	kW	HP	H1	H2	H3	D1	D2	D3	KG
①	QSBI-90-1i-5M5.5	5.5	7.5	576	938	--	235	197	300	112
②	QSBI-90-1-5M7.5	7.5	10	576	981	--	235	197	300	118
③	QSBI-90-2ii-5M11	11	15	778	1223	--	269	215	350	160
④	QSBI-90-2-5M15	15	20	778	1268	--	269	215	350	171
⑤	QSBI-90-3ii-5M18.5	18.5	25	870	1410	--	318	241	350	209
⑥	QSBI-90-3-5M22	22	30	870	1410	--	318	241	350	222
⑦	QSBI-90-4ii-5M30	30	40	962	1622	--	390	295	400	330
⑧	QSBI-90-4-5M30	30	40	962	1622	--	390	295	400	330
⑨	QSBI-90-5ii-5M37	37	50	1054	1714	--	390	295	400	355
⑩	QSBI-90-5-5M37	37	50	1054	1714	--	390	295	400	355
⑪	QSBI-90-6ii-5M45	45	60	1146	1836	--	446	325	450	437
⑫	QSBI-90-6-5M45	45	60	1146	1836	--	446	325	450	437

60Hz

No.	Model	kW	HP	H1	H2	H3	D1	D2	D3	KG
①	QSBI-90-1i-6M11	11	15	686	1131	--	269	215	350	154
②	QSBI-90-1-6M15	15	20	686	1176	--	269	215	350	165
③	QSBI-90-2ii-6M18.5	18.5	25	778	1318	--	318	241	350	204
④	QSBI-90-2i-6M22	22	30	778	1318	--	318	241	350	216
⑤	QSBI-90-2-6M30	30	40	778	1438	--	390	295	400	320
⑥	QSBI-90-3ii-6M37	37	50	870	1530	--	390	295	400	343
⑦	QSBI-90-3i-6M37	37	50	870	1530	--	390	295	400	343
⑧	QSBI-90-3-6M45	45	60	870	1560	--	446	325	450	419
⑨	QSBI-90-4ii-6M45	45	60	962	1652	--	446	325	450	426



Bringing valuable "water" to you



Important safety precautions

- Do not use this product with pressure that exceeds the maximum operating pressure. Doing so may lead to a major accident.
- Be careful of nails when opening wooden crate packing. Failure to do so may cause injuries.
- If this product is to be hoisted when unloading, carrying-in or installation, check the mass of the product and how to hoist it by reading the catalog, installation figures, and operation manual, and carry out the work correctly. In addition, do not hoist a product that exceeds the rated load of the hoisting tools. Incomplete hoisting may cause injuries due to falling.
- Perform a secure installation in accordance with the manual. Incomplete installation may cause electric shock and fire and injury due to falling.
- Always refer to the local or national regulation and codes relating to the selection of the installation site, water and power connections, etc.
- Be careful of nails and staples when opening the packaging. Failure to do so may cause injuries.
- The pump must be installed in locations which can be locked such as pump rooms or must be surrounded by fences or walls in order to prevent unauthorized personnel from accessing the pump. People may get injured by touching the rotating/hot sections or change the control panel settings and open/shut status of the pump without authorization, resulting in the abnormal operation of the pump or no water flow.
- Apart from products with outdoor specifications, do not install the pump outdoors or in places where it will get water on it. Electric leakage, electric shock or fire may result from rusting and failure or deterioration of insulation, etc.
- In cases where the pressure inside the discharge piping may increase because of temperature increase in summer, etc., install equipment that can depressurize (safety valves, etc.). Failure to do so may cause damage to piping and valves as a result of pressure increase, causing injuries.
- Do not burn plastics and rubber components on-site. Doing so may generate hazardous gas. For the disposal method, check with the relevant municipal authority.
- Observe the service life of the pump, install it in a well ventilated place free from corrosive or explosive gases, salt, moisture, water vapor, condensation, etc., and avoid exposing it to wind, rain and direct sunlight. In a harsh environment, electric leakage, electric shock or fire may result from deterioration of insulation in the motor or control panel, etc.
- Do not use the pump in an explosive atmosphere. Doing so may cause fire.
- Do not bring fire, such as candles, cigarettes, flames, sparks, etc., near to the pump. Doing so may cause fire.

All the information in this catalog may be revised without notice.

Distributor

Kawamoto Pump MFG. CO., LTD.

Overseas Marketing Section

11-39, Osu 4-Chome, Naka-ku, Nagoya

460-8650, JAPAN

TEL: +81-52-251-7173 FAX: +81-52-747-5500

E-mail: kawamotobo@kawamoto-oms.com

<http://www.kawamoto-global.com>

For any question about pumps, please contact your nearest distributor

Name	QSBI series
Ver.	0.9