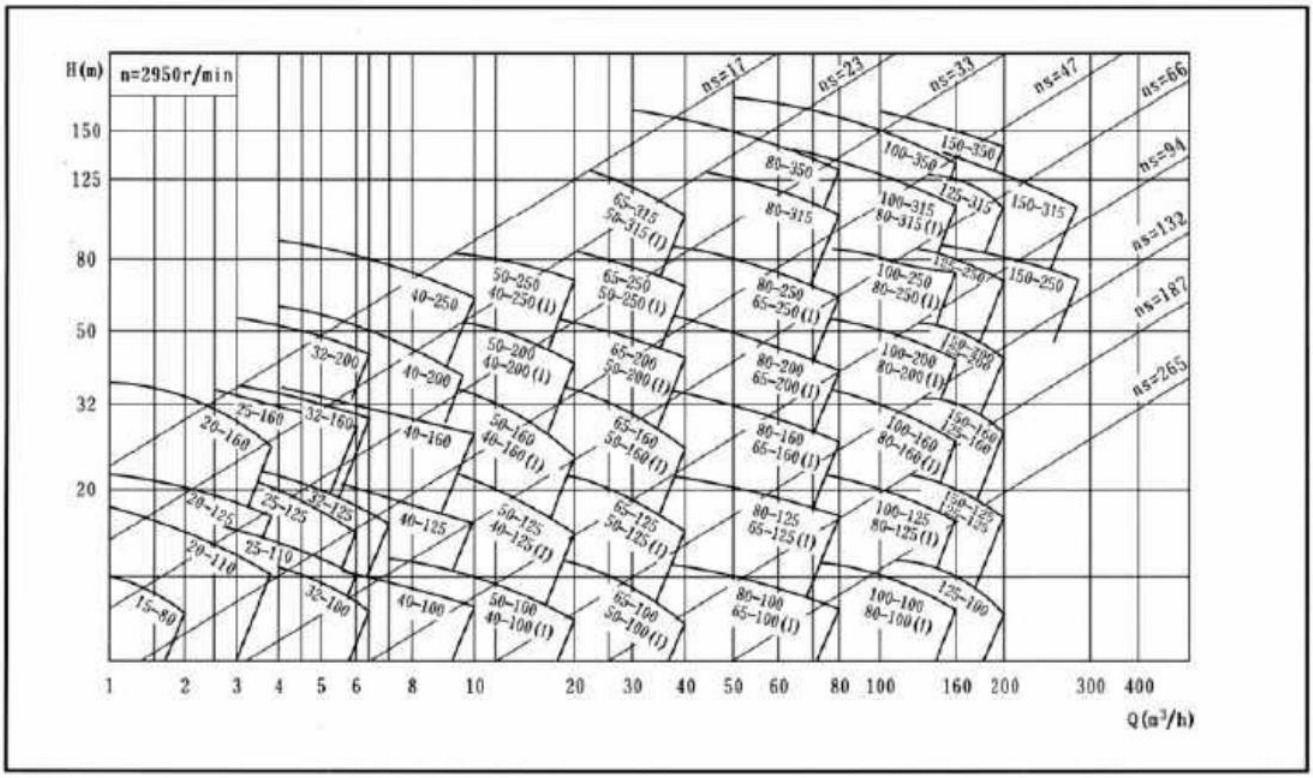
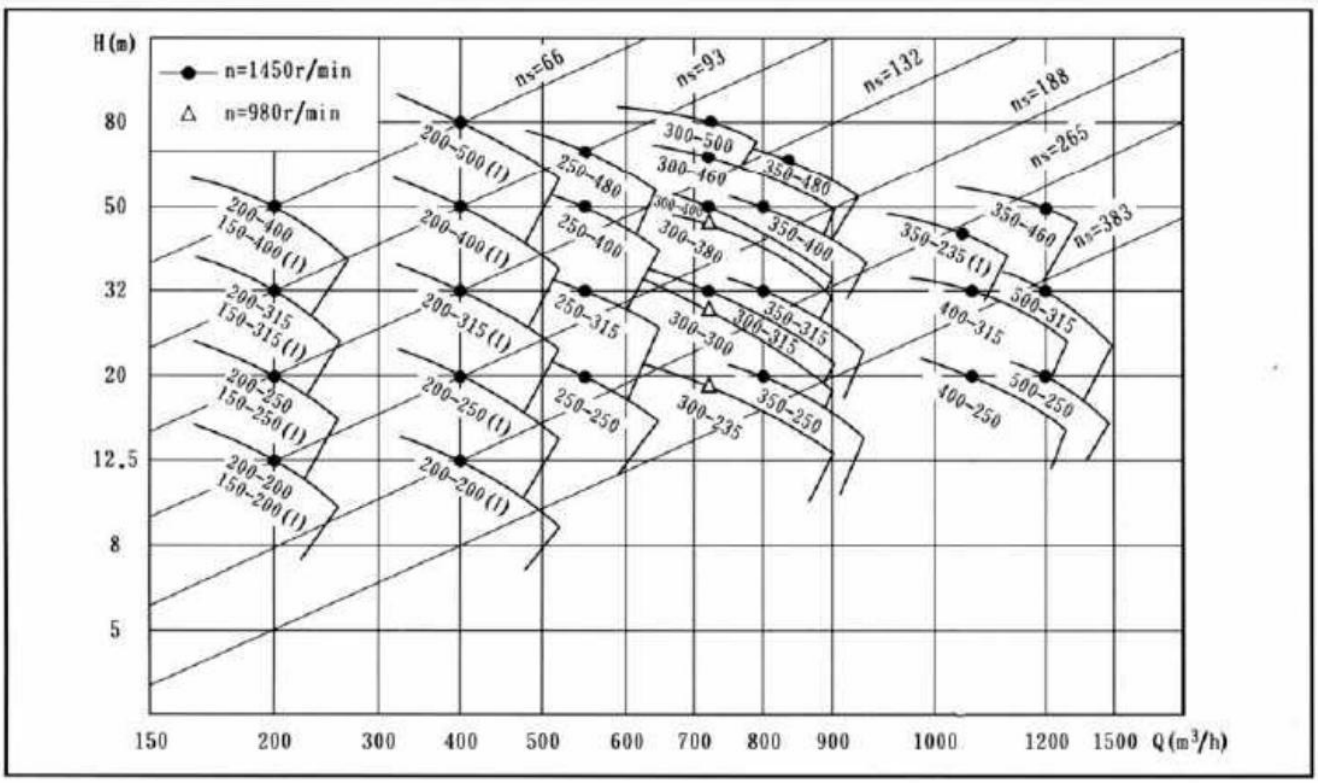
QIG Vertical In-line Pump



An Pump Machinery is the pump factory approved by ISO9001, ISO14001 and OHSAS18001. We also have the certificate of CE. Our factory is over 50,000 square meters with the professional engineer over 20. The Max casting parts weight we could do one time is 7 tons. And we have capacity to produce 600 tons per month and with the heat treatment furnace dimension 6mx5.5mx2.5m. The Max parts we could machine is 6.4 meters and we have capacity to assemble the pump over 1800mm and our cranes capacity is 30 tons.

Performance Curve





QIG series type pipeline pump is a new legislation Single-stage centrifugal pumps, apply in the high building pressurized transport water, can solve the pipeline pressure too low problem.

It have great advantages compared with current horizontal centrifugal pump.Due to use advanced mechanical seal and motor mail shaft connected impeller directly,so it have many advantage. Such as less leakage,high efficiency,low power consumption, compact structure, small size, light weight, conveniently maintain and so on.





Working condition:

(1).0.02MPa<= Inlet water pressure<=0.3MPa

(2).Water is clear water, there should be no fiber or solid particles, hot water should be soft

(3). Medium temperature: cold water no less than0℃.

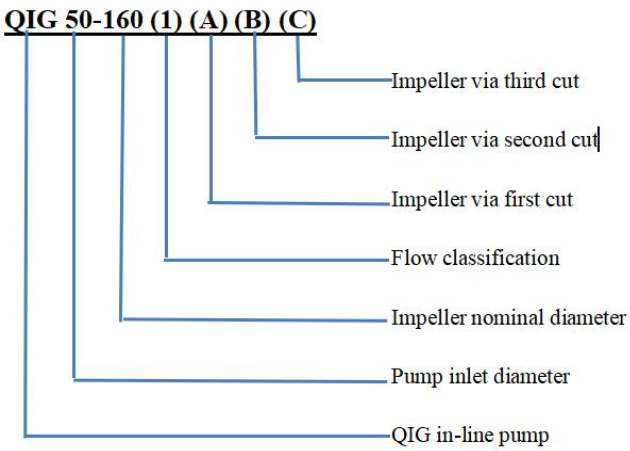
(4)Surrounding environment temperature : no more than 45 ℃.

(5)Power voltage can be 380V,415V,220V and so on.

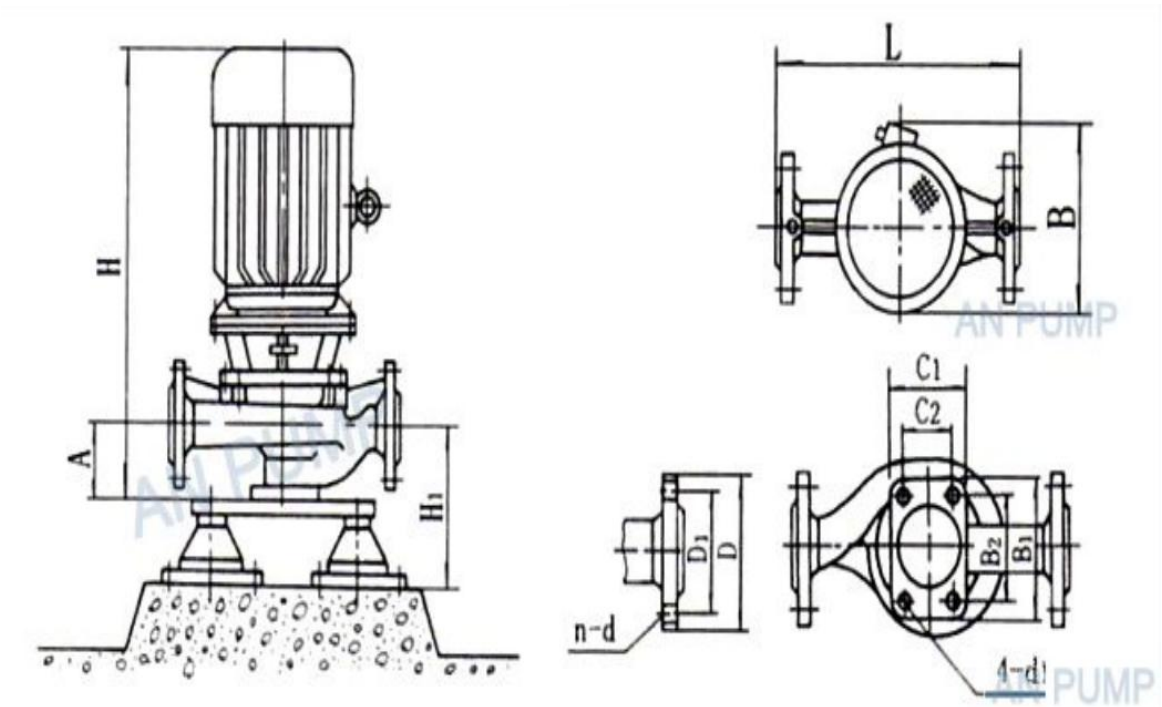
ATTEN:Based on the media situation to chose the suitable pump type. For special medium, when order should specially note,so manufacturer to help select or special processing.

QIG series type pipeline pump is mainly used in high buildings, garden irrigation,pipeline pressurization,hot and cold water circulation,Flammable liquids and corrosive liquids transportation and varieties of boilers, supply water, HVAC, chemical, all oil pipeline equipment.

Model:



Overall and Dimensions Figure



QIG Series I Installation Drawing&Chart

Model	Outer Diameter				Installation Size			Inlet/outlet flange size			Surge damper	
	L	B	H	C1*B1	A	C2*B2	4-d1	D	D1	n-d	SPEC.	H1
15-80	180	160	340	75x100	40	45x70	4-φ12	G1／2	/	/	SD41-0.5	60
20-110	260	230	405	80x110	55	50x80	4-φ12	G3／4	/	/	SD41-0.5	75
20-160	300	230	420	90x130	65	60x100	4-φ14	G3／4	/	/	SD41-0.5	85
25-110	260	230	415	80x110	60	50x80	4-φ14	φ115	φ85	4-φ14	SD41-0.5	80
25-125	260	230	435	80x110	75	50x80	4-φ14	φ115	φ85	4-φ14	SD41-0.5	95
25-125A	260	230	435	80x110	75	50x80	4-φ14	φ115	φ85	4-φ14	SD41-0.5	95
25-160	300	270	430	90x130	65	60x100	4-φ14	φ115	φ85	4-φ14	SD41-0.5	85
25-160A	300	270	415	90x130	65	60x100	4-φ14	φ115	φ85	4-φ14	SD41-0.5	85
32-100(1)	260	230	445	100x150	85	70x120	4-φ14	φ150	φ110	4-φ18	SD41-0.5	105
32-125	260	230	435	90x130	72	60x100	4-φ14	φ140	φ100	4-φ18	SD41-0.5	92
32-125A	260	230	435	90x130	72	60x100	4-φ14	φ140	φ100	4-φ18	SD41-0.5	92
32-160(1)	320	270	505	100x150	90	70x120	4-φ14	φ150	φ110	4-φ18	SD61-0.5	110
32-200(1)	340	330	560	120x170	95	80x130	4-φ14	φ150	φ110	4-φ18	SD61-0.5	115
32-200A	340	330	540	120x170	95	80x130	4-φ14	φ150	φ110	4-φ18	SD61-0.5	115
40-100	260	230	445	100x150	85	70x120	4-φ14	φ150	φ110	4-φ18	SD41-0.5	105
40-100A	260	230	445	100x150	85	70x120	4-φ14	φ150	φ110	4-φ18	SD41-0.5	105
40-125	280	230	445	100x150	85	70x120	4-φ14	φ150	φ110	4-φ18	SD41-0.5	105
40-125A	280	230	445	100x150	85	70x120	4-φ14	φ150	φ110	4-φ18	SD41-0.5	105
40-160	320	270	505	100x150	90	70x120	4-φ14	φ150	φ110	4-φ18	SD61-0.5	110
40-160A	320	270	485	100x150	90	70x120	4-φ14	φ150	φ110	4-φ18	SD61-0.5	110
40-160B	320	270	470	100x150	90	70x120	4-φ14	φ150	φ110	4-φ18	SD61-0.5	110
40-200	340	330	560	120x170	95	80x130	4-φ14	φ150	φ110	4-φ18	SD61-0.5	115
40-200A	340	330	540	120x170	95	80x130	4-φ14	φ150	φ110	4-φ18	SD61-0.5	115
40-200B	340	330	505	120x170	95	80x130	4-φ14	φ150	φ110	4-φ18	SD61-0.5	115
40-250	400	405	630	120x170	95	80x130	4-φ14	φ150	φ110	4-φ18	SD61-0.5	115
40-250A	400	405	630	120x170	95	80x130	4-φ14	φ150	φ110	4-φ18	SD61-0.5	115

40-250B	400	405	565	120x170	95	80x130	4-φ14	φ150	φ110	4-φ18	SD61-0.5	115
40-100(1)	300	230	455	120x170	90	80x130	4-φ14	φ150	φ110	4-φ18	SD41-0.5	110
40-100(1)A	300	230	455	120x170	90	80x130	4-φ14	φ150	φ110	4-φ18	SD41-0.5	110
40-125(1)	300	240	465	120x170	90	80x130	4-φ14	φ150	φ110	4-φ18	SD41-0.5	110
40-125(1)A	300	240	450	120x170	90	80x130	4-φ14	φ150	φ110	4-φ18	SD41-0.5	110
40-160(1)	340	300	550	120x170	95	80x130	4-φ14	φ150	φ110	4-φ18	SD61-0.5	115
40-160(1)A	340	300	515	120x170	95	80x130	4-φ14	φ150	φ110	4-φ18	SD61-0.5	115
40-160(1)B	340	300	490	120x170	95	80x130	4-φ14	φ150	φ110	4-φ18	SD61-0.5	115
40-200(1)	360	350	635	120x170	95	80x130	4-φ14	φ150	φ110	4-φ18	SD61-0.5	115
40-200(1)A	360	350	570	120x170	95	80x130	4-φ14	φ150	φ110	4-φ18	SD61-0.5	115
40-200(1)B	360	350	550	120x170	95	80x130	4-φ14	φ150	φ110	4-φ18	SD61-0.5	115
40-250(1)	440	430	780	140x200	105	100x160	4-φ18	φ150	φ110	4-φ18	JSD2-3	205
40-250(1)A	440	360	650	140x200	105	100x160	4-φ18	φ150	φ110	4-φ18	JSD2-3	205
40-250(1)B	440	360	650	140x200	105	100x160	4-φ18	φ150	φ110	4-φ18	JSD2-3	205
40-250(1)C	440	360	650	140x200	105	100x160	4-φ18	φ150	φ110	4-φ18	JSD2-3	205
50-100	290	230	455	100x150	95	70x120	4-φ14	φ165	φ125	4-φ18	SD41-0.5	115
50-100A	290	230	455	100x150	95	70x120	4-φ14	φ165	φ125	4-φ18	SD41-0.5	115
50-125	300	240	465	100x150	95	70x120	4-φ14	φ165	φ125	4-φ18	SD41-0.5	115
50-125A	300	240	450	100x150	95	70x120	4-φ14	φ165	φ125	4-φ18	SD41-0.5	115
50-160	320	300	550	120x170	100	80x130	4-φ14	φ165	φ125	4-φ18	SD61-0.5	120
50-160A	320	300	515	120x170	100	80x130	4-φ14	φ165	φ125	4-φ18	SD61-0.5	120
50-160B	320	300	490	120x170	100	80x130	4-φ14	φ165	φ125	4-φ18	SD61-0.5	120
50-200	360	350	635	120x170	100	80x130	4-φ14	φ165	φ125	4-φ18	SD61-0.5	120
50-200A	360	350	570	120x170	100	80x130	4-φ14	φ165	φ125	4-φ18	SD61-0.5	120
50-200B	360	350	550	120x170	100	80x130	4-φ14	φ165	φ125	4-φ18	SD61-0.5	120
50-250	440	430	780	140x200	105	100x160	4-φ18	φ165	φ125	4-φ18	JSD2-3	205
50-250A	440	360	650	140x200	105	100x160	4-φ18	φ165	φ125	4-φ18	JSD2-3	205
50-250B	440	360	650	140x200	105	100x160	4-φ18	φ165	φ125	4-φ18	JSD2-3	205
50-250C	440	360	650	140x200	105	100x160	4-φ18	φ165	φ125	4-φ18	JSD2-3	205
50-100(1)	320	235	475	140x200	105	100x160	4-φ18	φ165	φ125	4-φ18	SD41-0.5	125
50-100(1)A	320	235	460	140x200	105	100x160	4-φ18	φ165	φ125	4-φ18	SD41-0.5	125
50-125(1)	340	280	550	140x200	95	100x160	4-φ18	φ165	φ125	4-φ18	SD61-0.5	110
50-125(1)A	340	280	515	140x200	95	100x160	4-φ18	φ165	φ125	4-φ18	SD61-0.5	110
50-160(1)	360	305	570	140x200	100	100x160	4-φ18	φ165	φ125	4-φ18	SD61-0.5	120
50-160(1)A	360	305	570	140x200	100	100x160	4-φ18	φ165	φ125	4-φ18	SD61-0.5	120
50-160(1)B	360	305	550	140x200	100	100x160	4-φ18	φ165	φ125	4-φ18	SD61-0.5	120
50-200(1)	380	350	635	140x200	105	100x160	4-φ18	φ165	φ125	4-φ18	SD61-0.5	125
50-200(1)A	380	350	635	140x200	105	100x160	4-φ18	φ165	φ125	4-φ18	SD61-0.5	125
50-200(1)B	380	350	635	140x200	105	100x160	4-φ18	φ165	φ125	4-φ18	SD61-0.5	125
50-250(1)	480	435	785	160x220	110	120x180	4-φ18	φ165	φ125	4-φ18	JGD2-3	210
50-250(1)A	480	435	785	160x220	110	120x180	4-φ18	φ165	φ125	4-φ18	JGD2-3	210
50-250(1)B	480	435	785	160x220	110	120x180	4-φ18	φ165	φ125	4-φ18	JGD2-3	210
50-315(1)	550	510	920	190x280	110	150x240	4-φ18	φ165	φ125	4-φ18	JGD2-3	210
50-315(1)A	550	470	855	190x280	110	150x240	4-φ18	φ165	φ125	4-φ18	JGD2-3	210
50-315(1)B	550	435	830	190x280	110	150x240	4-φ18	φ165	φ125	4-φ18	JGD2-3	210
50-315(1)C	550	435	785	190x280	110	150x240	4-φ18	φ165	φ125	4-φ18	JGD2-3	210
65-100	320	235	475	140x200	105	100x160	4-φ18	φ185	φ145	4-φ18	SD41-0.5	125
65-100A	320	235	460	140x200	105	100x160	4-φ18	φ185	φ145	4-φ18	SD41-0.5	125
65-125	340	280	550	140x200	100	100x160	4-φ18	φ185	φ145	4-φ18	SD61-0.5	120
65-125A	340	280	515	140x200	100	100x160	4-φ18	φ185	φ145	4-φ18	SD61-0.5	120
65-160	360	305	570	140x200	100	100x160	4-φ18	φ185	φ145	4-φ18	SD61-0.5	120
65-160A	360	305	570	140x200	100	100x160	4-φ18	φ185	φ145	4-φ18	SD61-0.5	120
65-160B	360	305	550	140x200	100	100x160	4-φ18	φ185	φ145	4-φ18	SD61-0.5	120
65-200	380	350	635	140x200	105	100x160	4-φ18	φ185	φ145	4-φ18	SD61-0.5	125
65-200A	380	350	635	140x200	105	100x160	4-φ18	φ185	φ145	4-φ18	SD61-0.5	125
65-200B	380	350	635	140x200	105	100x160	4-φ18	φ185	φ145	4-φ18	SD61-0.5	125
65-250	480	435	785	160x220	110	120x180	4-φ18	φ185	φ145	4-φ18	JGD2-3	210
65-250A	480	435	785	160x220	110	120x180	4-φ18	φ185	φ145	4-φ18	JGD2-3	210
65-250B	480	435	785	160x220	110	120x180	4-φ18	φ185	φ145	4-φ18	JGD2-3	210

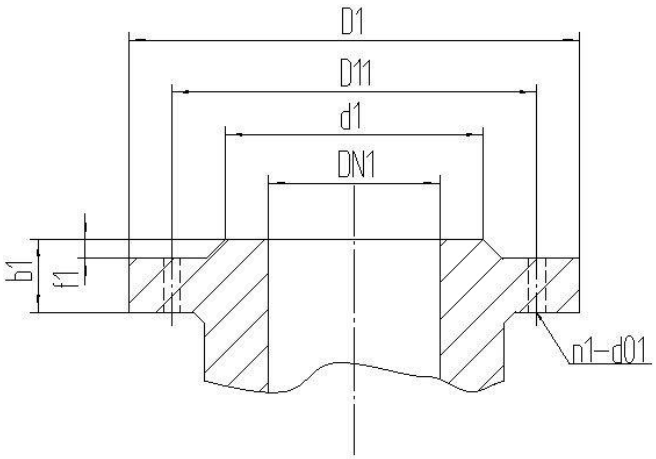
65-315	550	510	920	190x280	110	150x240	4-φ18	φ185	φ145	4-φ18	JGD2-3	210
65-315A	550	470	855	190x280	110	150x240	4-φ18	φ185	φ145	4-φ18	JGD2-3	210
65-315B	550	435	830	190x280	110	150x240	4-φ18	φ185	φ145	4-φ18	JGD2-3	210
65-315C	550	435	785	190x280	110	150x240	4-φ18	φ185	φ145	4-φ18	JGD2-3	210
65-100(1)	400	285	570	140x200	120	100x160	4-φ18	φ185	φ145	4-φ18	SD61-0.5	140
65-100(1)A	400	245	535	140x200	120	100x160	4-φ18	φ185	φ145	4-φ18	SD61-0.5	140
65-125(1)	400	360	660	140x200	120	100x160	4-φ18	φ185	φ145	4-φ18	SD61-0.5	140
65-125(1)A	400	315	595	140x200	120	100x160	4-φ18	φ185	φ145	4-φ18	SD61-0.5	140
65-160(1)	400	360	660	140x200	125	100x160	4-φ18	φ185	φ145	4-φ18	SD61-0.5	145
65-160(1)A	400	360	660	140x200	125	100x160	4-φ18	φ185	φ145	4-φ18	SD61-0.5	145
65-160(1)B	400	315	660	140x200	125	100x160	4-φ18	φ185	φ145	4-φ18	SD61-0.5	145
65-200(1)	450	430	795	140x200	125	100x160	4-φ18	φ185	φ145	4-φ18	JGD2-3	225
65-200(1)A	450	430	795	140x200	125	100x160	4-φ18	φ185	φ145	4-φ18	JGD2-3	225
65-200(1)B	450	360	665	140x200	125	100x160	4-φ18	φ185	φ145	4-φ18	JGD2-3	225
65-250(1)	480	465	870	160x200	130	120x180	4-φ18	φ185	φ145	4-φ18	JGD2-3	230
65-250(1)A	480	430	850	160x200	130	120x180	4-φ18	φ185	φ145	4-φ18	JGD2-3	230
65-250(1)B	480	430	805	160x200	130	120x180	4-φ18	φ185	φ145	4-φ18	JGD2-3	230
65-315(1)	550	530	1000	190x280	130	150x240	4-φ18	φ185	φ145	4-φ18	JGD2-3	230
65-315(1)A	550	530	1000	190x280	130	150x240	4-φ18	φ185	φ145	4-φ18	JGD2-3	230
65-315(1)B	550	530	1000	190x280	130	150x240	4-φ18	φ185	φ145	4-φ18	JGD2-3	230
65-315(1)C	550	470	885	190x280	130	150x240	4-φ18	φ185	φ145	4-φ18	JGD2-3	230
80-100	400	285	570	140x200	120	100x160	4-φ18	Φ200	φ160	8-φ18	SD61-0.5	140
80-100A	400	245	535	140x200	120	100x160	4-φ18	Φ200	φ160	8-φ18	SD61-0.5	140
80-125	400	360	660	140x200	120	100x160	4-φ18	Φ200	φ160	8-φ18	SD61-0.5	140
80-125A	400	315	595	140x200	120	100x160	4-φ18	Φ200	φ160	8-φ18	SD61-0.5	140
80-160	400	360	660	140x200	125	100x160	4-φ18	Φ200	φ160	8-φ18	SD61-0.5	145
80-160A	400	360	660	140x200	125	100x160	4-φ18	Φ200	φ160	8-φ18	SD61-0.5	145
80-160B	400	315	660	140x200	125	100x160	4-φ18	Φ200	φ160	8-φ18	SD61-0.5	145
80-200(1)	430	430	795	140x200	125	100x160	4-φ18	Φ200	φ160	8-φ18	JGD2-3	225
80-200(1)A	430	430	795	140x200	125	100x160	4-φ18	Φ200	φ160	8-φ18	JGD2-3	225
80-200(1)B	430	360	665	140x200	125	100x160	4-φ18	Φ200	φ160	8-φ18	JGD2-3	225
80-250(1)	480	460	870	160x220	130	120x180	4-φ18	Φ200	φ160	8-φ18	JGD2-3	230
80-250(1)A	480	430	850	160x220	130	120x180	4-φ18	Φ200	φ160	8-φ18	JGD2-3	230
80-250(1)B	480	430	805	160x220	130	120x180	4-φ18	Φ200	φ160	8-φ18	JGD2-3	230
80-315(1)	580	530	1000	190x280	130	150x240	4-φ18	Φ200	φ160	8-φ18	JGD2-3	230
80-315(1)A	580	530	1000	190x280	130	150x240	4-φ18	Φ200	φ160	8-φ18	JGD2-3	230
80-315(1)B	580	530	1000	190x280	130	150x240	4-φ18	Φ200	φ160	8-φ18	JGD2-3	230
80-315(1)C	580	470	885	190x280	130	150x240	4-φ18	Φ200	φ160	8-φ18	JGD2-3	230
80-350(1)	630	610	1100	202x260	130	166x220	4-φ18	Φ200	φ160	8-φ18	JSD-85	280
80-350(1)A	630	575	1015	202x260	130	166x220	4-φ18	Φ200	φ160	8-φ18	JSD-85	280
80-350(1)B	630	545	975	202x260	130	166x220	4-φ18	Φ200	φ160	8-φ18	JSD-85	280
80-100(1)	460	360	675	160x220	140	120x180	4-φ18	Φ200	φ160	8-φ18	SD61-0.5	160
80-100(1)A	460	360	610	160x220	140	120x180	4-φ18	Φ200	φ160	8-φ18	SD61-0.5	160
80-125(1)	450	430	805	160x220	140	120x180	4-φ18	Φ200	φ160	8-φ18	JGD2-3	240
80-125(1)A	450	350	675	160x220	140	120x180	4-φ18	Φ200	φ160	8-φ18	JGD2-3	240
80-160(1)	500	430	835	160x220	160	120x180	4-φ18	Φ200	φ160	8-φ18	JGD2-3	260
80-160(1)A	500	430	835	160x220	160	120x180	4-φ18	Φ200	φ160	8-φ18	JGD2-3	260
80-160(1)B	500	430	835	160x220	160	120x180	4-φ18	Φ200	φ160	8-φ18	JGD2-3	260
80-200(1)	480	475	880	160x220	135	120x180	4-φ18	Φ200	φ160	8-φ18	JGD2-3	235
80-200(1)A	480	430	860	160x220	135	120x180	4-φ18	Φ200	φ160	8-φ18	JGD2-3	235
80-200(1)B	480	430	815	160x220	135	120x180	4-φ18	Φ200	φ160	8-φ18	JGD2-3	235
80-250(1)	550	520	1015	190x280	155	150x240	4-φ22	Φ200	φ160	8-φ18	JGD2-3	275
80-250(1)A	550	520	1015	190x280	155	150x240	4-φ22	Φ200	φ160	8-φ18	JGD2-3	275
80-250(1)B	550	520	1015	190x280	155	150x240	4-φ22	Φ200	φ160	8-φ18	JGD2-3	275
80-315(1)	580	700	1235	190x280	165	150x240	4-φ22	Φ200	φ160	8-φ18	JGD2-3	285
80-315(1)A	580	640	1165	190x280	165	150x240	4-φ22	Φ200	φ160	8-φ18	JGD2-3	285
80-315(1)B	580	580	1080	190x280	165	150x240	4-φ22	Φ200	φ160	8-φ18	JGD2-3	285
80-315(1)C	580	520	1040	190x280	165	150x240	4-φ22	Φ200	φ160	8-φ18	JGD2-3	285

100-100	460	360	675	160x220	140	120x180	4-φ18	Φ220	φ180	8-φ18	SD61-0.5	160
100-100A	460	315	610	160x220	140	120x180	4-φ18	Φ220	φ180	8-φ18	SD61-0.5	160
100-125	440	430	805	160x220	140	120x180	4-φ18	Φ220	φ180	8-φ18	JGD2-3	240
100-125A	440	350	675	160x220	140	120x180	4-φ18	Φ220	φ180	8-φ18	JGD2-3	240
100-160	500	430	835	160x220	160	120x180	4-φ18	Φ220	φ180	8-φ18	JGD2-3	260
100-160A	500	430	835	160x220	160	120x180	4-φ18	Φ220	φ180	8-φ18	JGD2-3	260
100-160B	500	430	835	160x220	160	120x180	4-φ18	Φ220	φ180	8-φ18	JGD2-3	260
100-200	480	475	880	160x220	140	120x180	4-φ18	Φ220	φ180	8-φ18	JGD2-3	240
100-200A	480	430	860	160x220	140	120x180	4-φ18	Φ220	φ180	8-φ18	JGD2-3	240
100-200B	480	430	815	160x220	140	120x180	4-φ18	Φ220	φ180	8-φ18	JGD2-3	240
100-250	550	520	1015	160x220	155	120x180	4-φ22	Φ220	φ180	8-φ18	JSD3-2	275
100-250A	550	520	1015	160x220	155	120x180	4-φ22	Φ220	φ180	8-φ18	JSD3-2	275
100-250B	550	520	1015	160x220	155	120x180	4-φ22	Φ220	φ180	8-φ18	JSD3-2	275
100-315	630	700	1235	250x300	165	210x260	4-φ18	Φ200	φ180	8-φ18	JSD3-2	285
100-315A	630	640	1165	250x300	165	210x260	4-φ22	Φ200	φ180	8-φ18	JSD3-2	285
100-315B	630	580	1080	250x300	165	210x260	4-φ22	Φ200	φ180	8-φ18	JSD3-2	285
100-315C	630	520	1040	250x300	165	210x260	4-φ22	Φ200	φ180	8-φ18	JSD3-2	285
100-100(1)	460	415	802	160x220	140	120x180	4-φ18	Φ200	φ180	8-φ18	SD61-0.5	180
100-125(1)	500	300	807	160x220	160	120x280	4-φ18	Φ220	φ180	8-φ18	SD61-0.5	180
100-125(1)A	500	280	807	160x220	160	120x280	4-φ18	Φ220	φ180	8-φ18	SD61-0.5	180
100-160(1)	480	330	884	160x220	170	120x280	4-φ18	Φ220	φ180	8-φ18	SD61-0.5	190
100-160(1)A	480	330	884	160x220	170	120x280	4-φ18	Φ220	φ180	8-φ18	SD61-0.5	190
100-200(1)	560	365	970	160x220	165	120x280	4-φ18	Φ220	φ180	8-φ18	SD61-0.5	185
100-200(1)A	560	345	970	160x220	165	120x280	4-φ18	Φ220	φ180	8-φ18	SD61-0.5	185
100-200(1)B	560	345	970	160x220	165	120x280	4-φ18	Φ220	φ180	8-φ18	SD61-0.5	185
100-250(1)	600	435	1121	190x280	175	150x240	4-φ18	Φ220	φ180	8-φ18	JGD2-3	275
100-250(1)A	600	360	1121	190x280	175	150x240	4-φ18	Φ220	φ180	8-φ18	JGD2-3	275
100-250(1)B	600	360	1121	190x280	175	150x240	4-φ18	Φ220	φ180	8-φ18	JGD2-3	275
100-350	680	630	1310	230x320	175	166x220	4-φ18	Φ220	φ180	8-φ18	JSD-150	335
100-350A	680	630	1260	230x320	175	166x220	4-φ18	Φ220	φ180	8-φ18	JSD-150	335
100-350B	680	605	1190	230x320	175	166x220	4-φ18	Φ220	φ180	8-φ18	JSD-150	335
125-100	520	430	830	160x200	165	120x180	4-φ18	Φ250	Φ210	8-φ18	JGD2-3	265
125-100A	520	360	730	160x200	165	120x180	4-φ18	Φ250	Φ210	8-φ18	JGD2-3	265
125-125	520	430	840	160x200	170	120x180	4-φ18	Φ250	Φ210	8-φ18	JGD2-3	270
125-125A	520	430	840	160x200	170	120x180	4-φ18	Φ250	Φ210	8-φ18	JGD2-3	270
125-160	520	460	920	190x280	175	150x240	4-φ18	Φ250	Φ210	8-φ18	JGD2-3	275
125-160A	520	430	890	190x280	175	150x240	4-φ18	Φ250	Φ210	8-φ18	JGD2-3	275
125-160B	520	430	850	190x280	175	150x240	4-φ18	Φ250	Φ210	8-φ18	JGD2-3	275
125-200	680	510	1040	200x260	175	160x220	4-φ18	Φ250	Φ210	8-φ18	JSD3-2	295
125-200A	680	510	1040	200x260	175	160x220	4-φ18	Φ250	Φ210	8-φ18	JSD3-2	295
125-200B	680	460	1040	200x260	175	160x220	4-φ18	Φ250	Φ210	8-φ18	JSD3-2	295
125-250	680	660	1180	200x260	170	160x220	4-φ22	Φ250	Φ210	8-φ18	JSD3-2	290
125-250A	680	570	1080	200x260	170	160x220	4-φ22	Φ250	Φ210	8-φ18	JSD3-2	290
125-250B	680	510	1080	200x260	170	160x220	4-φ22	Φ250	Φ210	8-φ18	JSD3-2	290
125-315	640	685	1350	300x350	180	230x280	4-φ22	Φ250	Φ210	8-φ18	JCD3-3	300
125-315A	640	685	1300	300x350	180	230x280	4-φ22	Φ250	Φ210	8-φ18	JCD3-3	300
125-315B	640	685	1350	300x350	180	230x280	4-φ22	Φ250	Φ210	8-φ18	JCD3-3	300
125-315C	640	660	1230	300x350	180	230x280	4-φ22	Φ250	Φ210	8-φ18	JCD3-3	300
150-125	520	430	840	160x220	170	120x180	4-φ18	Φ250	Φ210	8-φ18	JGD2-3	270
150-125A	520	430	840	160x220	170	120x180	4-φ18	Φ250	Φ210	8-φ18	JGD2-3	270
150-160	520	430	850	190x280	175	150x240	4-φ18	Φ250	Φ210	8-φ18	JGD2-3	275
150-160A	520	430	850	190x280	175	150x240	4-φ18	Φ250	Φ210	8-φ18	JGD2-3	275
150-160B	520	430	850	190x280	175	150x240	4-φ18	Φ250	Φ210	8-φ18	JGD2-3	275
150-200	680	435	930	250x300	200	210x260	4-φ22	Φ285	Φ240	8-φ22	JGD2-3	300
150-200A	680	435	885	250x300	200	210x260	4-φ22	Φ285	Φ240	8-φ22	JGD2-3	300
150-200B	680	435	885	250x300	200	210x260	4-φ22	Φ285	Φ240	8-φ22	JGD2-3	300
150-250	700	475	960	250x300	205	210x260	4-φ22	Φ285	Φ240	8-φ22	JGD2-3	305
150-250A	700	475	940	250x300	205	210x260	4-φ22	Φ285	Φ240	8-φ22	JGD2-3	305
150-250B	700	445	895	250x300	205	210x260	4-φ22	Φ285	Φ240	8-φ22	JGD2-3	305

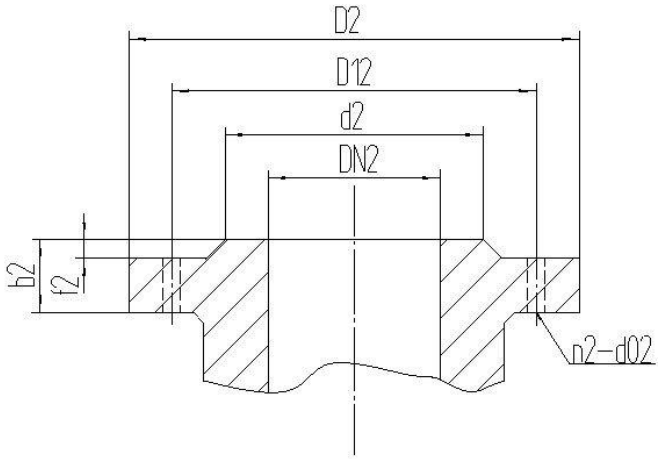
150-315	760	530	1075	250x300	205	210x260	4-φ22	Φ285	Φ240	8-φ22	JCD3-3	325
150-315A	760	505	1000	250x300	205	210x260	4-φ22	Φ285	Φ240	8-φ22	JCD3-3	325
150-315B	760	505	960	250x300	205	210x260	4-φ22	Φ285	Φ240	8-φ22	JCD3-3	325
150-350	760	530	1075	250x300	205	210x260	4-φ22	Φ285	Φ240	8-φ22	JCD3-3	325
150-350A	760	530	1075	250x300	205	210x260	4-φ22	Φ285	Φ240	8-φ22	JGD2-3	325
150-350B	760	530	1075	250x300	205	210x260	4-φ22	Φ285	Φ240	8-φ22	JGD2-3	325
150-400	800	595	1120	250x300	210	210x260	4-φ22	Φ285	Φ240	8-φ22	JCD3-3	330
150-400A	800	595	1095	250x300	210	210x260	4-φ22	Φ285	Φ240	8-φ22	JCD3-3	330
150-400B	800	560	1075	250x300	210	210x260	4-φ22	Φ285	Φ240	8-φ22	JCD3-3	330
150-400C	800	535	1000	250x300	210	210x260	4-φ22	Φ285	Φ240	8-φ22	JCD3-3	330
150-250(1)	700	700	1280	250x300	195	210x260	4-φ22	Φ285	Φ240	8-φ22	JCD3-3	315
150-250(1)A	700	640	1200	250x300	195	210x260	4-φ22	Φ285	Φ240	8-φ22	JCD3-3	315
150-250(1)B	700	585	1115	250x300	195	210x260	4-φ22	Φ285	Φ240	8-φ22	JCD3-3	315
150-315(1)	760	900	1560	250x300	200	210x260	4-φ22	Φ285	Φ240	8-φ22	JCD3-3	320
150-315(1)A	760	700	1330	250x300	200	210x260	4-φ22	Φ285	Φ240	8-φ22	JCD3-3	320
150-315(1)B	760	700	1210	250x300	200	210x260	4-φ22	Φ340	Φ240	8-φ22	JCD3-3	320
200-200A	680	435	930	250x300	200	210x260	4-φ22	Φ340	Φ295	12-φ22	JGD2-3	300
200-200B	680	435	885	250x300	200	210x260	4-φ22	Φ340	Φ295	12-φ22	JGD2-3	300
200-250	750	475	960	270x320	210	230x280	4-φ22	Φ340	Φ295	12-φ22	JGD2-3	310
200-250A	750	475	940	270x320	210	230x280	4-φ22	Φ340	Φ295	12-φ22	JGD2-3	310
200-250B	750	445	895	270x320	210	230x280	4-φ22	Φ340	Φ295	12-φ22	JGD2-3	310
200-315	800	530	1075	270x320	210	230x280	4-φ22	Φ340	Φ295	12-φ22	JGD2-3	330
200-315A	800	505	1000	270x320	210	230x280	4-φ22	Φ340	Φ295	12-φ22	JGD2-3	330
200-315B	800	505	1960	270x320	210	230x280	4-φ22	Φ340	Φ295	12-φ22	JGD2-3	330
200-400	860	595	1120	300x370	225	250x320	4-φ22	Φ340	Φ295	12-φ22	JCD3-3	345
200-400A	860	595	1095	300x370	225	250x320	4-φ22	Φ340	Φ295	12-φ22	JCD3-3	345
200-400B	860	560	1075	300x370	225	250x320	4-φ22	Φ340	Φ295	12-φ22	JCD3-3	345
200-400C	860	535	1000	300x370	225	250x320	4-φ22	Φ340	Φ295	12-φ22	JCD3-3	345
200-200(1)	810	535	1000	300x370	225	250x320	4-φ22	Φ340	Φ295	12-φ22	JCD3-2	360
200-200(1)A	810	525	1030	300x370	240	250x320	4-φ22	Φ340	Φ295	12-φ22	JCD3-2	360
200-250(1)	840	525	970	300x370	240	250x320	4-φ22	Φ340	Φ295	12-φ22	JCD3-3	360
200-250(1)A	840	510	1035	300x370	240	250x320	4-φ22	Φ340	Φ295	12-φ22	JCD3-3	360
200-250(1)B	840	510	995	300x370	240	250x320	4-φ22	Φ340	Φ295	12-φ22	JCD3-3	360
200-315(1)	860	645	1265	300x370	240	250x320	4-φ22	Φ340	Φ295	12-φ22	JCD4-1	380
200-315(1)A	860	605	1180	300x370	250	250x320	4-φ22	Φ340	Φ295	12-φ22	JCD4-1	380
200-315(1)B	860	605	1145	300x370	250	250x320	4-φ22	Φ340	Φ295	12-φ22	JCD4-1	380
200-400(1)	880	700	1340	300x370	260	250x320	4-φ22	Φ340	Φ295	12-φ22	JCD4-2	390
200-400(1)A	880	700	1340	300x370	260	250x320	4-φ22	Φ340	Φ295	12-φ22	JCD4-2	390
200-400(1)B	880	735	1270	300x370	260	250x320	4-φ22	Φ340	Φ295	12-φ22	JCD4-2	390
200-400(1)C	880	600	1185	300x370	260	250x320	4-φ22	Φ340	Φ295	12-φ22	JCD4-2	390
250-250	1110	550	1145	350x400	250	300x350	4-φ26	Φ405	Φ295	12-φ26	JCD4-2	390
250-250A	1110	550	1145	350x400	250	300x350	4-φ26	Φ405	Φ295	12-φ26	JCD4-2	390
250-235	1110	550	1145	350x400	250	300x350	4-φ26	Φ405	Φ295	12-φ26	JCD4-2	390
250-300	1110	550	1145	350x400	250	300x350	4-φ26	Φ405	Φ405	12-φ26	JCD4-2	390
250-315	1110	640	1350	350x400	265	300x350	4-φ26	Φ405	Φ405	12-φ26	JCD4-2	390
250-315A	1110	640	1350	350x400	265	300x350	4-φ26	Φ405	Φ405	12-φ26	JCD4-2	390
300-235B	1370	685	1400	400x500	370	350x450	4-φ26	Φ460	Φ460	12-φ26	JCD4-1	500
300-300	1370	900	1740	400x500	360	350x450	4-φ26	Φ460	Φ460	12-φ26	JCD4-2	490
300-300A	1370	900	1740	400x500	360	350x450	4-φ26	Φ460	Φ460	12-φ26	JCD4-2	490
300-300B	1370	735	1410	400x500	360	350x450	4-φ26	Φ460	Φ460	12-φ26	JCD4-2	490
300-380	1370	945	1850	400x500	390	350x450	4-φ26	Φ460	Φ460	12-φ26	JCD5-3	550
300-380A	1370	945	1850	400x500	390	350x450	4-φ26	Φ460	Φ460	12-φ26	JCD5-3	550
300-380B	1370	945	1850	400x500	390	350x450	4-φ26	Φ460	Φ460	12-φ26	JCD5-3	550
300-235(1)	1370	900	1830	400x500	370	350x450	4-φ26	Φ460	Φ460	12-φ26	JCD5-3	530
300-235(1)A	1370	900	1830	400x500	370	350x450	4-φ26	Φ460	Φ460	12-φ26	JCD5-3	530

Note: The chart only for reference,please take real product size as a standard.

Dimensions of Suction and Delivery Flange Figure for Type QI Pump



Inlet Flange Data



Outlet Flange Data

Pump	Dimensions of Suction Flange							Dimensions of Delivery Flange						
	DN_1	D_1	D_{11}	d_1	b_1	f_1	n-d_{01}	DN_2	D_2	D_{12}	d_2	b_2	f_2	n-d_{02}
1	50	165	125	102	20	3	4-φ17.5	32	140	100	78	18	3	4-φ17.5
2														
3														
4														
5	65	185	145	122	20	3	4-φ17.5	50	165	125	102	20	3	4-φ17.5
6														
7	65	185	145	122	20	3	4-φ17.5	40	150	110	88	18	3	4-φ17.5
8														
9														
10	80	200	160	133	22	3	8-φ17.5	65	185	145	122	20	3	4-φ17.5
11														
12	80	200	160	133	22	3	8-φ17.5	50	165	125	102	20	3	4-φ17.5
13														
14														
15	100	220	180	158	24	3	8-φ17.5	80	200	160	133	22	3	8-φ17.5
16														
17	100	220	180	158	24	3	8-φ17.5	65	185	145	122	20	3	4-φ17.5
18														
19														
For specific pump model,when delivery cargo will attached specific data sheet.														

Size and performance parameters of QI(H) pump

Type	Capacity Q		Head H	Eff.	Speed n	Motor Power	(NPSH)r
	m3/h	L/s	m	%	r/min	kW	m
15-80	1.1 1.5 2.0	0.3 0.42 0.55	8.5 8 7	26 34 34	2800	0.18	2.3
20-110	1.8 2.5 3.3	0.5 0.69 0.91	16 15 13.5	25 34 35	2800	0.37	2.3
20-160	1.8 2.5 3.3	0.5 0.69 0.91	33 32 30	19 25 23	29 00	1.1	2.3
25-110	2.8 4 5.2	0.78 1.11 1.44	16 15 13.5	34 42 41	2900	0.55	2.3
25-125	2.8 4 5.2	0.78 1.11 1.44	20.6 20 18	28 36 35	2900	0.75	2.3
25-125A	2.5 3.6 1.6	0.69 1.0 1.28	17 16 14.4	27 35 34	2800	0.55	2.3
25-160	2.8 4 5.2	0.78 1.11 1.44	33 32 30	24 32 33	2900	1.5	2.3
25-160A	2.6 3.7 4.9	0.72 1.03 1.36	29 28 26	22 31 32	2900	1.1	2.3
32-125	3.5 5 6.5	0.97 1.39 1.8	22 20 18	40 44 42	2900	0.75	2.3
32-125A	3.1 4.5 5.8	0.86 1.25 1.6]	17.6 16 14.4	38 42 40	2900	0.55	2.3
40-100	4.4 6.3 8.3	1.22 1.75 2.31	13.2 12.5 11.3	48 54 53	2900	0.55	2.3
40-100A	3.9 5.6 7.4	1.08 1.56 2.06	10.6 10 9 9	45 52 50	2900	0.37	2.3
40-125	4.4 6.3 8.3	1.22 1.75 2.31	21 20 18	41 46 43	2900	1.1	2.3
40-125A	3.9 5.6 7.4	1.08 1.56 2.06	17.6 16 14.4	40 45 41	2900	0.75	2.3
40-160	4.4 6.3 8.3	1.22 1.75 2.31	33 32 30	35 40 40	2900	2.2	2.3
40-160A	4.1 5.9 7.8	1.44 1.64 2.17	29 28 26.3	34 39 39	2900	1.5	2.3
40-160B	3.8 5.5 7.2	1.06 1.53 2.0	25.5 24 22.5	34 38 37	2900	1.1	2.3

40-200	4.4 6.3 8.3	1.22 1.75 2.31	51 50 48	26 33 32	2900	4	2.3
40-200A	4.1 5.9 7.8	1.14 1.64 2.17	45 44 42	26 31 30	2900	3	2.3
40-200B	3.7 5.3 7.0	1.03 1.47 1.94	38 36 34.5	23 29 27	2900	2.2	2.3
40-250	4.4 6.3 8.3	1.22 1.75 2.31	82 80 74	24 28 28	2900	7.5	2.3
40-250A	4.1 5.9 7.8	1.14 I .64 2. 17	72 70 65	24 28 27	2900	5.5	2.3
40-250B	3.8 5.5 7.0	1.06 1.3 1.94	61.5 60 56	23 27 26	2900	4	2.3
40-100(1)	8.8 12.5 16.3	2.44 3.47 4.53	13.2 12.5 11.3	55 62 60	2900	1.1	2.3
40-100(1)A	8 11 14.5	2.22 3.05 4.03	10.6 10 9	52 60 56	2900	0.75	2.3
40-125(1)	8.8 12.5 16.3	2.44 3.47 4.53	21.2 20 17.8	49 58 57	2900	1.5	2.3
40-125(1)A	8 11 14.5	2.22 3.05 4.03	17 16 14	47 57 54	2900	1.1	2.3
40-160(1)	8.8 12.5 16.3	2.44 3.47 4.53	33 32 30	45 52 51	2900	3.0	2.3
40-160(1)A	8.2 11.7 15.2	2.28 3.25 4.22	29 28 26	44 51 50	2900	2.2	2.3
40-160(1)B	7.3 10.4 13.5	2.38 2.89 3.75	23 22 20.5	42 49 47	2900	1.5	2.3
40-200(1)	8.8 12.5 16.3	2.44 3.47 4.53	51.2 50 48	38 46 46	2900	5.5	2.3
40-200(1)A	8.3 11.7 15.3	2.31 3.25 4.25	45 44 42	37 45 45	2900	4	2.3
40-200(1)B	7.5 10.6 13.8	2.08 2.94 3.83	37 36 34	35 44 42	2900	3	2.3
40-250(1)	8.8 12.5 16.3	2.44 3.47 4.53	81.2 80 77.5	31 38 40	2900	11	2.3
40-250(I)A	8.2 11.6 15.2	2.28 3.22 4.22	71 70 68	28 38 39	2900	7.5	2.3
40-250(1)B	7.6 10.8 14	2.11 3.0 3.89	61.4 60 58	28 37 37	2900	7.5	2.3

40-250(1)C	7.1 10.0 13.1	1.97 2.78 3.64	53.2 52 50 4	26 36 35	2900	5.5	2.3
50-100	8.8 12.5 16.3	2.44 3.47 4.53	13.6 12.5 11.3	55 62 60	2900	1.1	2.3
50-100A	8 11 14 .5	2.22 3.05 4.03	11 10 9	52 60 56	2900	0.75	2.3
50-125	8.8 12.5 16.3	2.44 3.47 4.53	21.5 20 17.8	49 58 57	2900	1.5	2.3
50-125A	8 11 14.5	2.22 3.05 4.03	17 16 14	47 57 54	2900	1.1	2.3
50-160	8.8 12.5 16.3	2.44 3.47 4.53	33 32 30	45 52 51	2900	3	2.3
50-160A	8.2 11.7 15.2	2.28 3.25 4.22	29 28 26	44 51 50	2900	2.2	2.3
50-160B	7.3 10.4 13.5	2.38 2.89 3.75	23 22 20.5	42 49 47	2900	1.5	2.3
50-200	8.8 12.5 16.3	2.44 3.47 4.53	52 50 48	38 46 46	2900	5.5	2.3
50-200A	8.3 11.7 15.3	2.31 3.25 4.25	45.8 44 42	37 45 45	2900	4	2.3
50-200B	7.5 10.6 13 8	2.08 2.94 3.83	37 36 34	35 44 42	2900	3	2.3
50-250	8.8 12.5 16.3	2.44 3.47 4.53	82 80 77.5	29 28 40	2900	11	2.3
50-250A	8.2 11.6 15.2	2.28 3.22 4.22	71.5 70 68	28 38 39	2900	7.5	2.3
50-250B	7.6 10.8 14	2.11 3.0 3.89	61.4 60 58	28 37 37	2900	7.5	2.3
50-250C	7.1 10.0 13.1	1.97 2.78 3.64	53.2 52 50.4	26 36 35	2900	5.5	2.3
50-100(1)	17.5 25 32.5	4.86 6.94 9.03	13.7 12.5 10.5	67 69 69	2900	1.5	2.5
50-100(1)A	15.6 22.3 29	4.3 6.19 8.1	11 10 8.4	65 67 68	2900	1.1	2.5
50-125(1)	17.5 25 32.5	4.86 6.94 9.03	21.5 20 18	60 68 67	2900	3	2.5
50-125(1)A	15.6 22.3 29	4.33 6.19 8.1	17 16 13.6	58 66 65	2900	2.2	2.5

50-160(1)	17.5 25 32.5	4.86 6.94 9.03	34.4 32 27.5	54 63 60	2900	4	2.5
50-160(1)A	16.4 23.4 30.4	4.56 6.5 8.44	30 28 24	54 62 59	2900	4	2.5
50-160(1)B	15.0 21.6 28	4. 17 6.0 7.78	26 24 20.6	49 58 54	2900	3	2.5
50-200(1)	17.5 25 32.5	4.86 6.94 9.03	52.7 50 45.5	49 58 59	2900	7.5	2.5
50-200(1)A	16.4 23.5 30.5	4.56 6.53 8.47	46.4 44 40	48 57 58	2900	7.5	2.5
50-200(1)B	15.2 21.8 28.3	4.22 6.06 7.86	40 38 34.5	45 55 55	2900	5.5	2.5
50-250(1)	17.5 25 32.5	4.86 6.94 9.03	82 80 76.5	39 50 52	2900	15	2.5
50-250(1)A	16.4 23.4 30.5	4.56 6.5 8.47	71.5 70 67	39 50 52	2900	11	2.5
50-250(1)8	15 21.6 28	4.17 6.0 7.78	61 60 57.4	38 49 54	2900	11	2.5
50-315(1)	17.5 25 32.5	4.86 6.94 9.03	128 125 122	30 40 44	2900	30	2.5
50-315(1)A	16.6 23.7 31	4.61 6.58 8.6	115 113 no	30 40 44	2900	22	2.5
50-315(1)B	15.7 22.5 29.2	4.36 6.25 8.0	103 101 98	30 39 42	2900	22	2.5
50-315(1)C	14.4 20.6 26.8	4.0 5.72 7.44	86 85 83	38 48 40	2900	15	2.5
65-100	17.5 25 32.5	4.86 6.94 9.03	13.7 12.5 10.5	67 69 69	2900	1.5	2.5
65-100A	15.6 22.3 29	4.3 6.19 8. 1	11 10 8.4	65 67 68	2900	1.1	2.5
65-125	17.5 25 32.5	4.86 6.94 9.03	21.5 20 18	60 68 67	2900	3	2.5
65-125A	15.6 22.3 29	4.33 6.19 8.1	17 16 14.4	58 66 65	2900	2.2	2.5
65-160	17.5 25 32.5	4.86 6.94 9.03	34.4 32 27.5	54 63 60	2900	4	2.5
65-160A	16.4 23.4 30.4	4.56 6.5 8.44	30 28 24	54 63 59	2900	4	2.5

55-160B	15.0 21.6 28	4.17 6.0 7.78	26 24 20.6	49 58 54	2900	3	2.5
65-200	17.5 25 32.5	4.86 6.94 9.03	52.7 50 45.5	49 58 59	2900	7.5	2.5
65-200A	16.4 23.5 30.5	4.56 6.53 8.47	46.4 44 40	48 57 58	2900	7.5	2.5
65-200B	15.2 21.8 28.3	4.22 6.06 7.86	40 38 34.5	45 55 55	2900	5.5	2.5
65-250	17.5 25 32.5	4.86 6.94 9.03	82 80 76.5	39 50 52	2900	15	2.5
65 250A	16.4 23.4 30.5	4.56 6.5 8.47	71.5 70 67	39 50 52	2900	11	2.5
65-250B	15 21.6 28	4.17 6.0 7.78	61 60 57.4	38 49 54	2900	11	2.5
65-315	17.5 25 32.5	4.86 6.94 9.03	127 125 122	32 40 44	2900	30	2.5
65-315A	16.6 23.7 31	4.61 6.58 8.6	115 113 110	32 40 44	2900	22	2.5
65-315B	15.7 22.5 29.2	4.36 6.25 8.0	103 101 98	30 39 42	2900	22	2.5
65-315C	14.4 20.6 26.8	4.0 5.72 7.44	86 85 83	28 38 40	2900	15	2.5
65-100(1)	35 50 65	9.72 13.9 18.1	13.8 12.5 10	67 73 70	2900	3	3.0
65-100(1)A	31.3 44.7 58	8.7 12.4 16.1	11 10 8	66 72 69	2900	2.2	3.0
65-125(1)	35 50 65	9.72 13.9 18.1	22 20 17	67 72.5 70	2900	5.5	3.0
65-125(l)A	31.3 45 58	8.7 12.5 16.1	17.5 16 13.6	66 71 69	2900	4	3.0
65-160(1)	35 50 65	9.72 13.9 18.1	35 32 28	63 71 70	2900	7.5	3.0
65-160(1)A	32.7 46.7 61	9.1 13.0 16.9	30.6 28 24	62 70 69	2900	7.5	3.0
65-160(1)B	30.3 43.3 56.3	8.4 12.0 15.6	26 24 21	60 69 67	2900	5.5	3.0
65-200(1)	35 50 65	9.72 13.9 18.1	53.5 50 46	55 67 68	2900	15	3.0

65-200(1)A	32.8 47 61	9.1 13.1 16.9	47 44 40	54 66 67	2900	11	3.0
65-200(1)B	30.5 43.5 56.6	8.5 12.1 15.7	40.6 38 33.4	52 G5 65	2900	7.5	3.0
65-250(1)	35 50 65	9.72 13.9 18.1	83 80 72	52 59 60	2900	22	3.0
65-250(1)A	32.5 46.7 61	9.0 13.0 16.9	73 70 63	52 59 60	2900	18.5	3.0
65-250(1)B	30 43.3 56	8.3 12.0 15.6	62 60 54	50 58 58	2900	15	3.0
65-315(1)	35 50 65	9.72 13.9 18.1	128 125 121	44 54 57	2900	37	3.0
65-315(1)A	32.5 46.5 60.5	9.0 12.9 16.8	112.6 110 106.4	43 54 57	2900	37	3.0
65-315(1)B	31 44.5 58	8.6 12.4 16.1	102.5 100 98	41 53 55	2900	30	3.0
65-315(1)C	29 41 53.6	8.0 11.4 14.9	98 85 83	38 50 52	2900	22	3.0
80-100	35 50 65	9.72 13.9 18.1	13.8 12.5 10	67 73 70	2900	3	3.0
80-100A	31.3 44.7 58	8.7 12.4 16.1	11 10 8	66 72 69	2900	2.2	3.0
80-125	35 50 65	9.72 13.9 18.1	22 20 17	67 72.5 70	2900	5.5	3.0
80-125A	31.3 45 58	8.7 12.5 16.1	17.5 16 13.6	66 71 69	2900	4	3.0
80-160	35 50 65	9.72 13.9 18.1	35 32 28	63 71 70	2900	7.5	3.0
80-160A	32.7 46.7 61	9.1 13.0 16.9	30.6 28 24	62 70 69	2900	7.5	3.0
80-160B	30.3 43.3 56.3	8.4 12.0 15.6	26 24 21	60 69 67	2900	5.5	3.0
80-200	35 50 65	9.72 13.9 18.1	53.5 50 46	55 67 68	2900	15	3.0
80-200A	32.8 47 61	9.1 13.1 16.9	47 44 40	55 66 67	2900	11	3.0
80-200B	30.5 43.5 56.6	8.5 12.1 15.7	40.6 38 33.4	52 65 65	2900	7.5	3.0

80-250	35 50 65	9.72 13.9 18.1	83 80 72	52 59 60	2900	22	3.0
80-250A	32.5 46.7 61	9.03 13.0 16.9	73 70 63	52 59 60	2900	18.5	3.0
80-250B	30 43.3 56	8.3 12.0 15.6	62 60 54	50 58 58	2900	15	3.0
80-315	35 50 65	9.72 13.9 18. 1	128 125 122	43 54 57	2900	37	3.0
80-315A	32.5 46.5 60.5	9.03 12.9 16.8	112.6 110 107.4	43 54 57	2900	37	3.0
80-315B	31 44.5 58	8.6 12.4 16.1	102.5 100 98	41 53 55	2900	30	3.0
80-315C	29 41 53.6	8.1 11.4 14.9	87 85 83	39 51 51	2900	22	3.0
80-100(1)	70 100 130	19.4 27.8 36.1	13.6 12.5 11	66 76 75	2900	5.5	4.0
80-100(1)A	62.6 89 116	17.4 24.7 32.2	11 10 8.8	64 74 74	2900	4	4.0
80-125(1)	70 100 130	19.4 27.8 36.1	23.5 20 14	70 76 65	2900	11	4.0
80-125(1)A	62.6 89 116	17.4 24.7 32.2	19 16 11	68 74 63	2900	7.5	4.0
80-160(1)	70 100 130	19.4 27.8 36.1	36.5 32 24	70 76 65	2900	15	4.0
80-160(1)A	65.4 93.4 121.6	18.2 26.0 33.8	32 28 21	68 74 67	2900	11	4.0
80-160(1)B	60.6 86.6 112.5	16.8 24.1 31.3	27 24 18	65 72 64	2900	11	4.0
80-200(1)	70 100 130	19.4 27.8 36.1	54 50 42	65 74 73	2900	22	4.0
80-200(1)A	65.4 93.5 121.6	18.2 26.0 33.8	47.5 44 37	64 73 72	2900	18.5	4.0
80-200(1)B	61 87 113	16.9 24.2 31 .4	41 38 32	61 71 69	2900	15	4.0
80-250(1)	70 100 130	19.4 27.8 36.1	87 80 68	62 69 68	2900	37	4.0
80-250(1)A	65.4 93.5 121.6	18.2 26.0 33.8	76 70 59.5	61 68 67	2900	30	4.0

80-250(1)B	61 87 113	16.9 24.2 31.4	65 60 51	58 66 64	2900	30	4.0
80-315(1)	70 100 130	19.4 27.8 36.1	132 125 114	55 66 67	2900	75	4.0
80-315(1)A	66.5 95 123.6	18.5 26.1 34.3	119 113 103	55 66 67	2900	55	4.0
80-315(1)B	63 90 117	17.5 25 32.5	106.6 101 92	52 64 64	2900	45	4.0
80-315(1)C	58 82 107	16.1 22.8 29.7	90 85 76	50 62 61	2900	37	4.0
100-100	70 100 130	19.4 27.8 36.1	13.6 12.5 11	66 76 75	2900	5.5	4.5
100-100A	62.6 89 116	17.4 24.7 32.2	11 10 8.8	64 74 74	2900	4	4.5
100-125	70 100 130	19.4 27.8 36. 1	23.5 20 14	70 76 65	2900	11	4.5
100-125A	62.6 89 116	17.4 24.7 32.2	19 16 11	68 74 63	2900	7.5	4.5
100-160	70 100 130	19.4 27.8 36.1	36.5 32 24	70 76 65	2900	15	4.5
100-160A	65.4 93.5 121.6	18.2 26.0 33.8	32 28 21	68 74 67	2900	11	4.5
100-160B	60.6 86.6 112.5	16.8 24.1 31.3	27 24 18	66 72 64	2900	11	4.5
100-200	70 100 130	19.4 27.8 36.1	54 50 42	65 74 73	2900	22	4.0
100-200A	65.4 93.5 121.6	18.2 26.0 33.8	47.5 44 37	64 73 72	2900	18.5	4.0
100-200B	61 87 113	16.9 24.2 31.4	41 38 32	62 71 69	2900	15	4.0
100-250	70 100 130	19.4 27.8 36.1	87 80 68	62 69 68	2900	37	4.0
100-250A	65.4 93.5 121.6	18.2 26.0 33.8	76 70 59.5	61 68 67	2900	30	4.0
10G-250B	61 87 113	16.9 24.2 31 .4	65.8 60.5 51.4	59 68 66	2900	30	4.0
100-315	70 100 130	19.4 27.8 36.1	132 125 114	55 66 67	2900	75	4.0

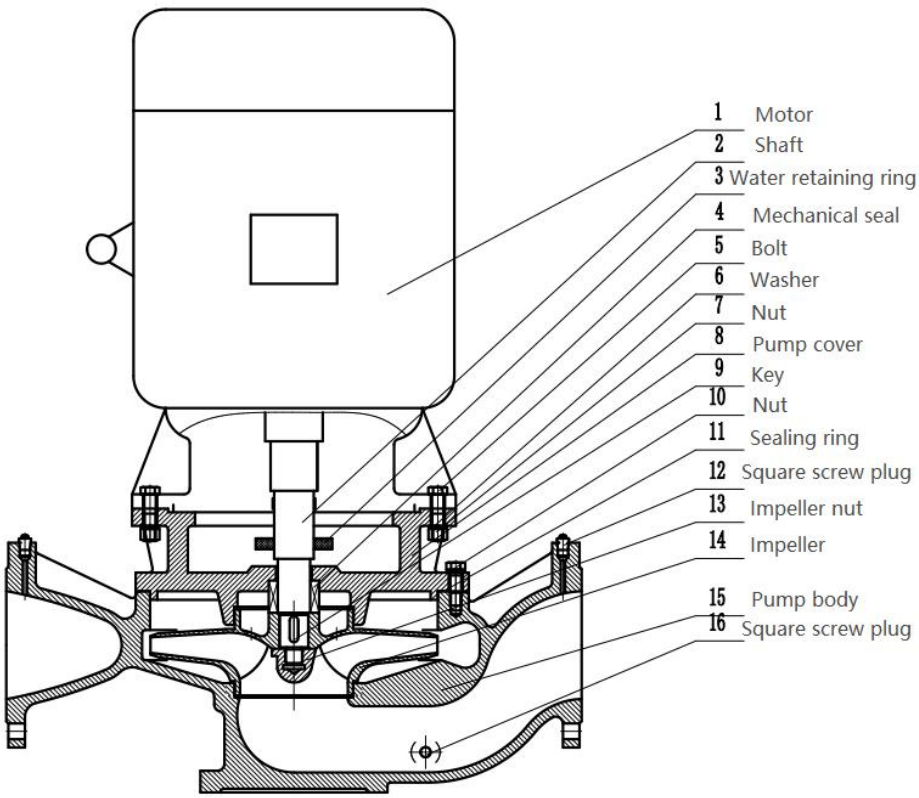
100-315A	66.5 95 123.6	18.5 26.4 34.3	119 113 103	55 66 67	2900	55	4.0
100-315B	63 90 117	17.5 25.0 32.5	106.6 101 92	54 65 66	2900	45	4.0
100-315C	58 82 107	16.1 22.8 29.7	90 85 76	51 63 63	2900	37	4.0
125-100	96 160 192	26.7 44 .4 53.3	13 12.5 12	63 80 76	2900	11	4.0
125-100A	86 143 172	23.9 39.7 47.8	10.4 10 9.6	60 77 74	2900	7.5	4.0
125-125	96 160 192	26.7 44.4 53.3	22.6 20 17	62 78 78	2900	15	4.0
125-125A	86 143 172	23.9 39.7 47.8	18 16 13.6	60 76 76	2900	11	4.0
125-160	96 160 192	26.7 44.4 53.3	36 32 28	64 78 66	2900	22	4.0
125-160A	90 150 180	25 41.7 50	31 .5 28 24.5	62 76 64	2900	18.5	4
125-160B	83 138 166	21.7 38.3 46.1	27 24 21	58 73 60	2900	15	4
125-200	96 160 192	26.7 44.4 53.3	55 50 46	65 77 76	2900	37	5.5
125-200A	90 150 180	25 41.7 50	48.4 44 40.5	63 75 74	2900	30	5.5
125-200B	83 138 166	21.7 38.3 46. 1	41 .3 37.5 34.5	61 73 72	2900	22	5.5
125-250	96 160 192	26.7 44.4 53.3	87 80 73	61 75 72	2900	55	5.0
125-250A	90 150 180	25 41.7 50	76 70 64	60 74 71	2900	45	5.0
125-250B	83 138 166	21.7 38.3 46.1	65 60 55	58 72 68	2900	37	5.0
125-315	96 160 192	26.7 44.7 53.3	133 125 119	55 70 72	2900	90	5.0
125-315A	90 150 180	25 41.7 50	117 110 101.6	54 69 71	2900	75	5.0
125-315B	86 143 172	23.9 39.7 47.8	106.4 100 95.2	53 68 70	2900	75	5.0

125-315C	80.5 134 161	22.4 37.2 44.7	93.3 87.7 83.5	50 65 66	2900	55	5.0
150-200	140 200 260	38.9 55.6 72.2	13.8 12.5 10.6	68 78 78	1450	15	3.0
150-200A	125 179 232.5	34.7 49.7 64.6	11 10 8.5	66 76 76	1450	11	3.0
150-250	140 200 260	38.9 55.6 72.2	21 .8 20 17	73 79 77	1450	18.5	3.0
150-250A	129 184.4 240	35.8 51.2 66.7	18.5 17 14.4	72 78 76	1450	15	3.0
150-250B	117 167 217.5	32.5 46.4 60.4	15.2 13.9 11.8	70 76 73	1450	11	3.0
150-315	140 200 260	38.9 55.6 72.2	33.8 32 28	70 78 73	1450	30	3.5
150-315A	131 187 243	36.4 51.9 67.5	29.5 28 24.5	69 77 77	1450	22	3.5
150-315B	121 173 225	33.6 48.1 62.5	25 24 21	60 75 69	1450	18.5	3.5
150-400	140 200 260	38.9 55.6 72.2	53 50 44	68 75 71	1450	45	3.5
150-400A	131 187 243	36.4 51.9 67.5	46.6 40.4 38.3	67 74 70	1450	37	3.5
150-400B	122 174 226.5	33.9 48.3 62.9	40 38 33	66 73 68	1450	30	3.5
150-400C	112 160 208	31.1 44.-1 57.8	34 32 28	64 71 65	1450	22	3.5
150-250(1)	120 200 240	33.3 55.6 66.7	87 80 72	65 76 74	2900	75	4.5
150-250(1)A	112 187 224	31.1 51 .9 62.2	76 70 63	64 75 73	2900	55	4.5
150-250(1)B	104 173 208	28.9 48.1 57.8	65 60 54	63 74 72	2900	45	4.5
150-315(1)	120 200 240	33.3 55.6 66.7	133 125 120	58 73 75	2900	110	4.5
150-315(1)A	112 187 224	31.1 51 .9 62.2	116 110 105	57 72 74	2900	90	4.5
150-315(1)B	104 173 208	28.9 48.1 57.8	100 95 91	55 70 72	2900	75	4.5

200-200	140 200 260	38.9 55.6 72.2	13.8 12.5 10.6	68 78 78	1450	15	3.0
200-200A	125 179 232.5	34.7 49.7 64.6	11 10 8.5	66 76 76	1450	11	3.0
200-250	140 200 260	38.9 55.6 72.2	21 .8 20 17	73 79 77	1450	18.5	3.0
200-250A	129 184.4 240	35.8 51.2 66.7	18.5 17 14.4	72 78 76	1450	15	3.0
200-250B	117 167 217.5	32.5 46.4 60.4	15.2 14 12	70 76 73	1450	11	3.0
200-315	140 200 260	38.9 55.6 72.2	33.8 32 28	70 78 78	1450	30	3.5
200-315A	131 187 243	36.4 51 .9 67.5	29.5 28 24.5	69 77 77	1450	22	3.5
200-315B	121 173 225	33.6 48.1 62.5	25 24 2i	67 75 74	1450	18.5	3.5
200-400	140 200 260	38.9 55.6 72.2	53 50 44	68 75 71	1450	45	3.5
200-400A	131 187 243	36.4 51.9 67.5	46.6 44 38.3	67 74 70	1450	37	3.5
200-400B	122 174 226.5	33.9 48.3 62.9	40 38 33	66 73 68	1450	30	3.5
200-400C	112 160 208	31.3 44.4 57.8	34 32 28	63 71 65	1450	22	3.5
200-200(1)	280 400 520	77.8 111.1 144	13.4 12.5 10.5	70 80 79	1450	22	4.0
200-200(1)A	250 358 465	89.4 99.4 129.2	10.7 10 8.5	68 78 77	1450	18.5	4.0
200-250(1)	280 400 520	77.8 111.4 144	22.2 20 14	75 80 72	1450	30	4.0
200-250(1)A	250 358 465	69.4 99.4 129.2	18 16 11.2	73 78 70	1450	22	4.0
200-250(1)8	226 322 419	62.8 89.4 116.4	14.4 13 7.3	70 75 67	1450	18.5	4.0
200-315(1)	280 400 520	77.8 111.4 144	36 32 26	73 80 75	1450	55	4.0
200-315(1)A	262 374 486	72.8 103.9 135	31.5 28 23	72 79 74	1450	45	4.0

200-315(1)8	242 346 450	67.2 96.1 125	27 24 19.5	70 77 71	1450	37	4.0
200-400(1)	280 400 520	77.8 111.4 144	54.5 50 39	75 81 77	1450	75	4.0
200-400(1)A	262 374 486	72.8 103.9 135	47.6 43.7 34.1	74 80 76	1450	75	4.0
200-400(1)B	242 346 450	67.2 96.1 125	40.8 37.4 29.2	72 78 74	1450	55	5.0
200-400(1)C	224 320 416	62.2 88.9 115.6	34.9 32 25	70 76 71	1450	45	5.0
300-235	480 720 900	133.3 200 250	20 18 15.5	77 81 74	970	55	5.0
300-235A	438 657 821	121.7 182.5 228. 1	16.7 15 12.9	75 79 72	970	45	5.0
300-235B	400 600 750	111.1 167.0 208.3	13.9 12.5 10.8	73 77 70	970	37	5.0
300-300	480 720 900	133.3 200 250	31 28 25	77 81 77	970	75	5.0
300-300A	444 666 833	123.3 185 231.4	26.5 24 21 .4	76 80 76	970	75	5.0
300-300B	415 623 779	115.3 173.1 216.4	23 21 18.5	74 78 73	970	55	5.0
300-380	480 720 900	133.3 200 250	48 44 34	75 84 79	970	132	5.0
300-380A	444 666 833	123.3 185 231.4	41 .4 37.6 29.1	74 82 79	970	110	5.0
300-380B	409 614 767	113.6 170.6 213. 1	35 32 25	72 78 76	970	90	5.0
300-235(1)	718 1080	199.4 300	44.6 40	78 82	1450	160	7.5
300-235(I)A	642 965 1203	178.3 268. 1 334.2	35.7 32 27.7	73 80 74	1450	132	7.5

Construction



QIG Vertical In-line Pump

The pull-back design allows the maintenance work without disturbing the pipeline connected or motor.

Flanges:

The inlet and outlet Flanges is EN1092-1

Impellers:

There are seal rings both in front and the back of the impeller with hole in the impeller.

There are different materials including all kinds of cast iron, stainless steel, bronze and duplex stainless steel or.

Casing:

The casing is made by casing and back cover. The impeller, shaft and shaft sleeve is the rotating. The frame support the rotating work and the bearing stand the power in radial or axial.

Shaft:

The normal shaft is carbon steel with heat treatment to increase its hardness.

Bearing:

Grease Lubricated or Oil Lubricated

Shaft Seal:

Supported gland packing seal and mechanical seal.

Gland Packing:

Fitted with removable lantern ring and square plaited packing. Packing is fittings over the sleeve to prevent shaft wear.

Mechanical Seal: Silicon Carbide type is the normal one but also support most type in the market.

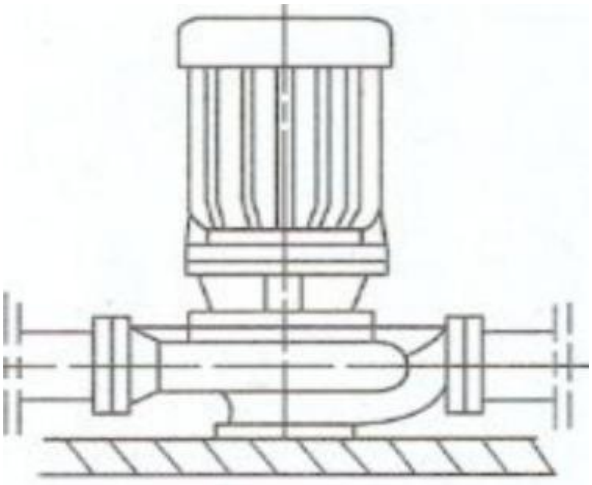
Driven:

TEFC electric motor or diesel engine.

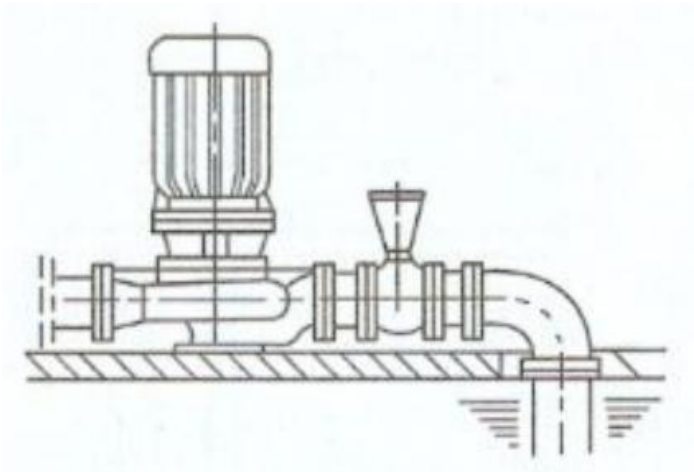
Supported all brand of motor and all brand of diesel engine.

Assembly and Disassemble

(1) Clear all spare parts to be installed.
(2) Install mechanical seal in motor main shaft,add less and clean turbine oil or No.20 oil on surface dynamic and static ring from mechanical seal.
(3) Install impeller and fastening with impeller nut.
(4) Install O-Ring,fastening pump body and motor cover with bolt. ATTN: keeping the gap between impeller front cover plate and pump body to be 2+0~05mm. Insure impeller inlet outer ring and pump body have a operation gap.
(5) Disassemble sequence is opposite to assemble sequence.
Specially take care of these parts for ease of omission or disorder of sequence such as flat key, oil baffle, water thrower, “O” seal ring in the shaft sleeve during the process of assembling.



Horizontal transfer water



Single end horizontal equip

Installation and Usage

(1) Making two ends flange of pump body connected pipeline flange better with rubber gasket ring and bolt,so finished installation. For convenient to usage and maintain, should install adjusting valve on pump inlet and outlet pipeline.
(2) Open inlet adjusting valve,liquid go into pump,so keeping the seal chamber full of liquid.(or will damage seal.)Closed outlet valve.
(3) Connected power supply,punish begin button and insure correct round.
(4) Confirmed correct round,making pump start working.
(5) Adjust outlet valve,making pump working based on design point nearly,according to pump rated capacity and head nearly.(So better to install a pressure gauge)
ATTN: Stopping pump working when lack of liquid,avoid damage seal spares.

Spare Parts



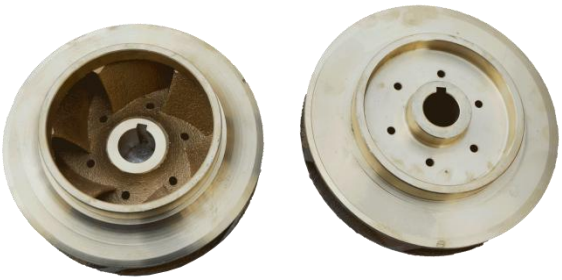
Mechanical Seal



Stainless steel impeller



Shaft



Bronze impeller



Casing



Cast Iron Impeller



Coupling

QIG Vertical In-line Pump Manual

CAUTION!



It is something should be obey or may lead the persona injury or damage in the pump or other equipment related!



The inlet and outlet pipes should have their own brackets! The pipe weight cannot be imposed on the pump and the pump and pipe cannot be installed when they are not on the same line!



The pump should be placed on a solid foundation to withstand the full weight of the pump to remove vibration, tighten all the anchor bolts!



All the whole pump assembly have been adjusted before the various parts of the gap, Please Do Read the Manual Carefully! The Warranty will be invalid under Wrong Operation or Disassemble the Pump without Permit!



With the time flies, the pump parts' tensile strength decreases, it is necessary to pay attention to inspection and replace the spare parts when necessary!



The pump must not be operated for a long time at low or no flow. Otherwise it will cause the pump vibration or even pumping liquid vaporization and damage the pump and equipment related!



Before installing the coupling or belts, check if the steering of the driven is correct and make sure the pump rotate same as the arrow position. It is strictly prohibited reverse operation! Otherwise there will be persona injury or damage in the pump or other equipment related!



The pump is a rotating equipment, before installing and maintenance, it must be cut off the power! Otherwise may lead the personal injury!

Starting

(1) Check that the motor rotates in the correct direction and that the pump rotates well before the motor is connected to the pump.
(2) Close the valve in the delivery pipe.
(3) The pump is fully primed or is primed by the vacuum pump.
(4) After power connection has been done and the pump has attained the normal speed,open the gate valve slowly in the delivery pipe and bring the pump gradually up to load required. The pump must not be allowed to run continuously for more than three minutes against a fully closed gate valve in the delivery pipe.





Shutdown Procedure

(1) Close the gate valve gradually in the delivery pipe and power cut.
(2) If the ambient temperature is below 0℃, water should be drained out of the pump to prevent frost crack.
(3) If the pump is to be stored for a long period, it should be dismantled, cleaned, oiled, packed and well preserved.

Running checks

(1) Carefully check that all instruments and gauges, bearing overheating, the leakage from the gaskets, the packing overheating, excessive vibration and excessive noise level have been existing during the operational period. If the faults are found and they are to be eliminated immediately.

Probable Fault and Their Remedy

(1)Pump loses liquid.Indicating needle of pressure gauge and vacuum meterJumps severely.	Pump not fully primed. Air leaks in pipe line or gauge.	Stop pump. Re-prime and repair leak.
(2) Pump loses liquid.Vacuum meter is at hardvacuum state.	Foot valve not open or blocked. Resistance force too high. Suctionline too high.	Adjust or renew foot valve. Clear or renew suction pipe. Reduce height.
(3) Pressure exists atpressure gauge butnodischarge from pipe.	Resistance force too high, impeller rotating in wrong direction. Impeller blocked.	Check pipe and motor. Shorten pipe and clean impeller.
(4)Quantity underestimated.	Blockage in pump. Rings worn excessively.	Clean pump and pipe,Renew ring.
(5)Excessive power consumption.	Stuffing boxes too tight stuffing boxes overheating.Pump delivering more than its rated quantity because of impeller damaged for wear.	Tight stuffing boxes or reassemble stuffing boxes as necessary.Renew impeller.Increase resistance force in discharge pipe to reduce capacity.
(6) Noise not good withinpump. Loss of suction.	Flow quantity too large.Resistance force too high in suction line. Height too high and air leak at inlet of suction pipe. Temperature toohigh.	Increase resistance force indelivery pipe to reduce flow quantity. Check resistance force in suction pipe.Check foot valve Reduce suction lift. Make good if any leaks.Reduce temperature of liquid.
(7) Bearing overheating	No oil. Pump and driving unit out of alignment.	Fill with oil. Realign pump and driving unit.
(8) Pump excessive vibration.	Pump and driving unit out of alignment. Pump shaft bent.	Realign pump and driving unit. Straighten shaft.