



锦霸工贸
JINBA INDUSTRY-TRADE



National High-tech Enterprises



High-efficient and energy-saving 4" series

New product listing
Full recommendation



High-speed & high-efficient energy-saving deep well pump is independently researched and developed by JINBA and domestic noted universities and military industrial enterprises.

Working Principle

High-energy rare earth permanent magnets as excitation mechanism

Electronic commutation replaces mechanical commutation



With permanent magnet brushless motor

Square wave principle

High density programmable logic device technology



· Performance characteristics:

1. 4" deep well pump's rated flow can reach 80m³/h;
2. Single phase AC voltage 160–250V, Three phase AC voltage 350–450V;
3. High speed (6000 rpm);
4. It can be switched between 50 and 60Hz, Power source can be solar, gasoline engine, diesel engine, household electricity;
5. Water shortage protection and auto restart after 10 minutes.

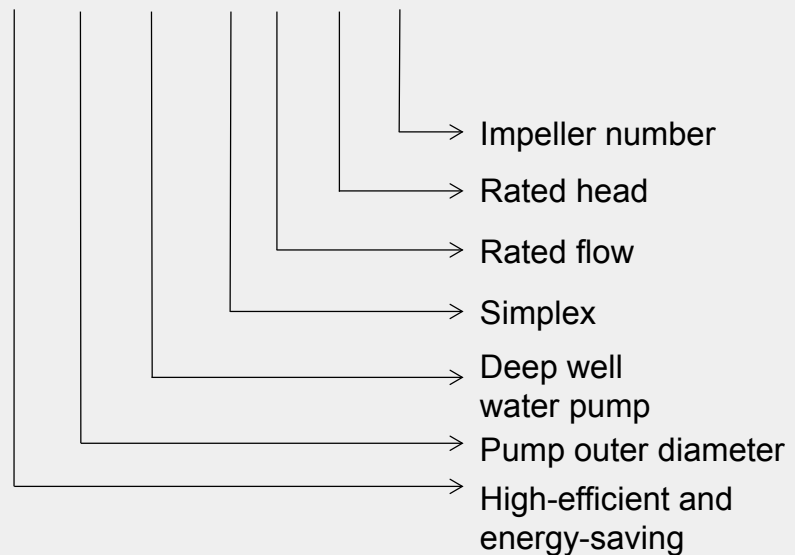
· Competitive Advantage:

1. Size smaller, weight less, lower cost of drilling well and installation;
2. Jinba specially designed the impeller, to meet the conditions of high-speed run, achieving high lift, light load and high efficiency;
3. The outlet is equipped with stainless steel check valve, to effectively prevent the impact of water hammer;
4. The product has the functions of constant pressure and constant flow water supply, intelligent operation, remote reporting failure, etc.;
5. Plug type cable joint, high insulation, high temperature resistance, to ensure the sealing, and easy to install.

4" High speed series material of spare parts

MODEL ANALYSIS :

G 100 QJ D 2-126 / 6



Part Name	Material	Part Name	Material
Pump Casing	304	Motor Casing	304
Discharge Head/Outlet	304	Top bearing chock	HT200
Connector/Inlet	304	Bottom bearing chock	HT200
Bowl	304/430	Mechanical Seal	Import Silicon carbide—304
Impeller	import PPO	Rotator	304—45#Weld
Diffuser	Polycarbon	Bearing	NSK
Coupling	316	Oil	Food-grade machine oil

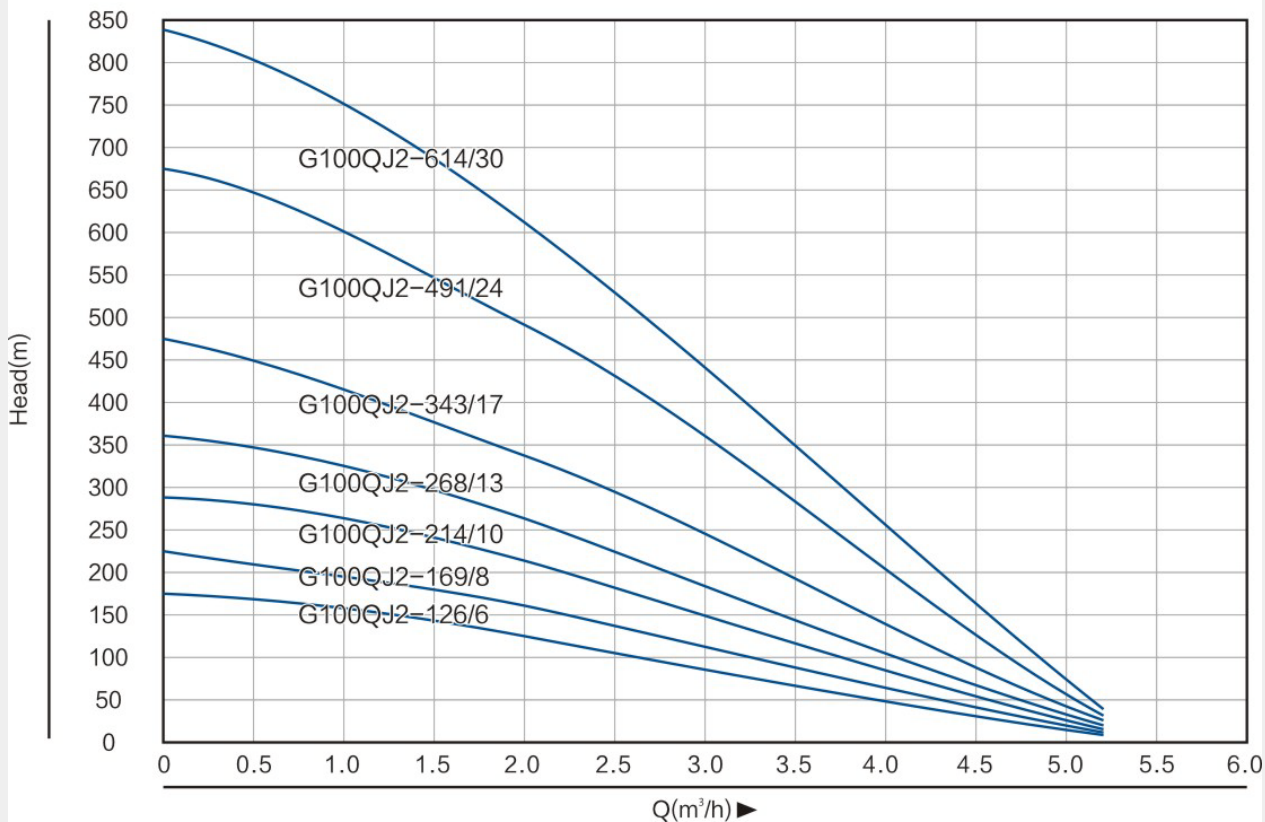
G100 Series 2 TECHNICAL DATA

Model	Impeller number	Motor		Out diameter inch	Voltage (V)		Flow m ³ /h	Flow											
		K W	HP		AC	DC		0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	4.8	5.2
G100QJD2-126/6	6	1.5	2	1.25"/1.5"	160-250	220-350	Head (m)	170	156	148	138	126	112	98	82	63	44	26	9
G100QJD2-180/9	9	2.2	3					270	250	226	210	180	150	125	102	72	45	27	11
G100QJ2-126/6	6	1.5	2		320-450	450-630		170	156	148	138	126	112	98	82	63	44	26	9
G100QJ2-169/8	8	2.2	3					225	213	193	181	169	153	135	112	92	67	36	12
G100QJ2-214/10	10	3	4					284	267	250	234	214	194	168	140	112	83	45	16
G100QJ2-268/13	13	4	5.5					367	352	328	279	268	240	205	170	131	95	58	20
G100QJ2-343/17	17	5.5	7.5					479	460	418	375	343	302	262	217	168	110	67	26
G100QJ2-491/24	24	7.5	10					676	639	597	536	491	444	381	310	271	190	89	36
G100QJ2-614/30	30	11	15					845	799	746	670	614	556	476	388	338	238	105	45

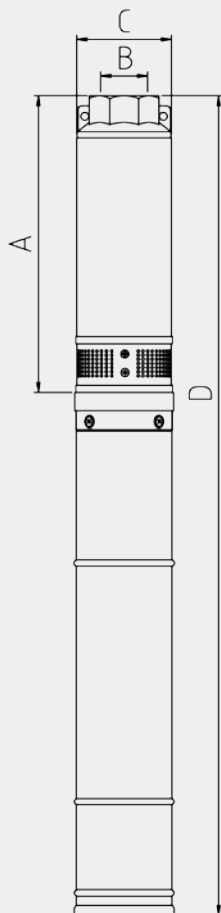
Note: Technical parameters are subject to change without notice.



PERFORMANCE CURVE



Performance Curve



Model	Size (mm)			
	A	B	C	D
G100QJD2-126/6	329	1.25"	98	965
G100QJD2-180/9	371		98	1018
G100QJ2-126/6	329		98	965
G100QJ2-180/9	371		98	1018
G100QJ2-214/10	412		98	1085
G100QJ2-268/13	513		98	1211
G100QJ2-343/17	598		98	1330
G100QJ2-491/24	784		98	1550
G100QJ2-614/30	940		98	1768

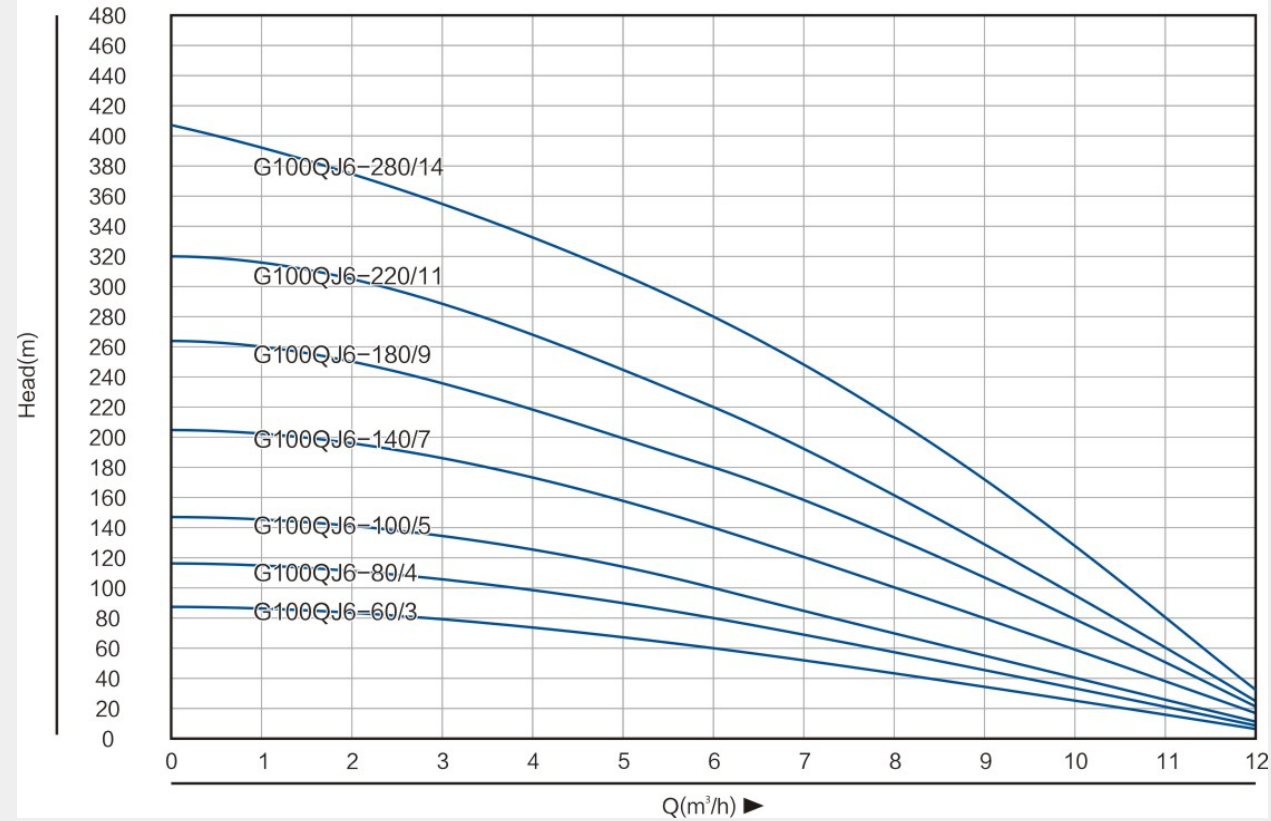
G100 Series 6 TECHNICAL DATA

Model	Impeller number	Motor		Out diameter inch	Voltage (V)		Flow m ³ /h	Head (m)												
		KW	HP		AC	DC		0	1	2	3	4	5	6	7	8	9	10	11	12
G100QJD6-60/3	3	1.5	2	1.5"/ 2"	160-250	220-350	Head (m)	87	82	77	75	70	65	60	52	45	37	27	18	8
G100QJD6-80/4	4	2.2	3					116	110	103	100	94	89	80	70	60	49	36	23	10
G100QJ6-60/3	3	1.5	2		320-450	450-630		87	82	77	75	70	65	60	49	45	37	27	14	7
G100QJ6-80/4	4	2.2	3					116	110	103	100	94	87	80	66	60	49	36	19	9
G100QJ6-100/5	5	3	4					146	137	129	124	117	109	100	82	76	62	46	24	12
G100QJ6-140/7	7	4	5.5					204	192	180	174	164	152	140	115	106	86	64	33	16
G100QJ6-180/9	9	5.5	7.5					262	247	232	224	211	196	180	148	136	111	82	43	21
G100QJ6-220/11	11	7.5	10					320	302	284	274	258	240	220	181	166	136	100	53	26
G100QJ6-280/14	14	11	15					408	384	361	348	328	305	280	230	212	173	128	67	33

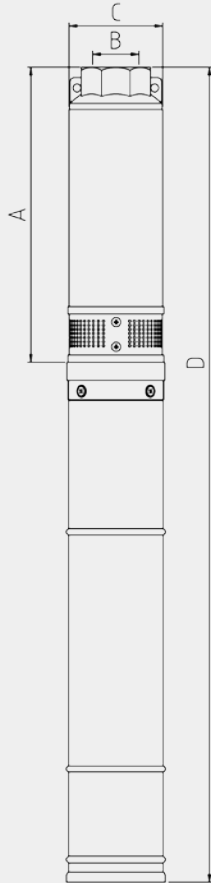
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PERFORMANCE CURVE



Performance Curve



Model	Size (mm)			
	A	B	C	D
G100QJD6-60/3	274	1.5"	98	910
G100QJD6-80/4	299		98	946
G100QJ6-60/3	274		98	910
G100QJ6-80/4	299		98	946
G100QJ6-100/5	323		98	996
G100QJ6-140/7	370		98	1068
G100QJ6-180/9	419		98	1151
G100QJ6-220/11	503		98	1269
G100QJ6-280/14	577		98	1405

G100 Series 12 TECHNICAL DATA

Model	Impeller number	Motor		Out diameter inch	Voltage (V)		Flow m³/h	0	3	6	9	12	15	18	21	23
		KW	HP		AC	DC										
G100QJD12-31/2	2	1.5	2	1.5"/2"	160-250	220-350	Head (m)	49	43	40	35	31	25	17	6	3
G100QJD12-39/2	2	2.2	3					58	52	47	44	39	33	25	14	5
G100QJ12-31/2	2	1.5	2		320-450	450-630		49	43	40	35	31	25	17	6	3
G100QJ12-39/2	2	2.2	3.0					58	52	47	44	39	33	25	14	5
G100QJ12-59/3	3	3.0	4.0					86	80	73	65	59	49	37	25	6
G100QJ12-81/4	4	4.0	5.5					108	104	96	88	81	69	52	34	8
G100QJ12-124/6	6	5.5	7.5					178	159	144	133	124	105	81	48	12
G100QJ12-165/8	8	7.5	10					235	212	195	180	165	142	109	60	17
G100QJ12-206/10	10	11	15					293	265	243	225	206	177	136	75	22

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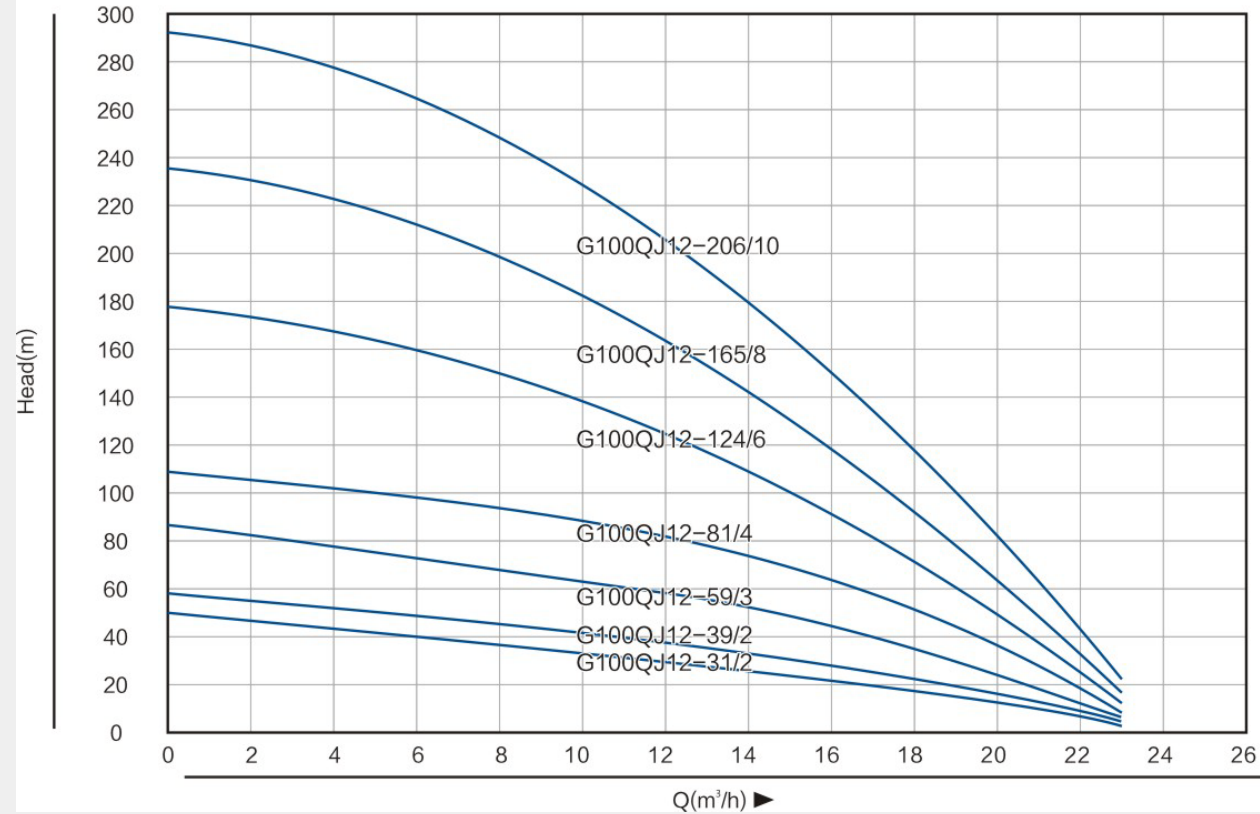


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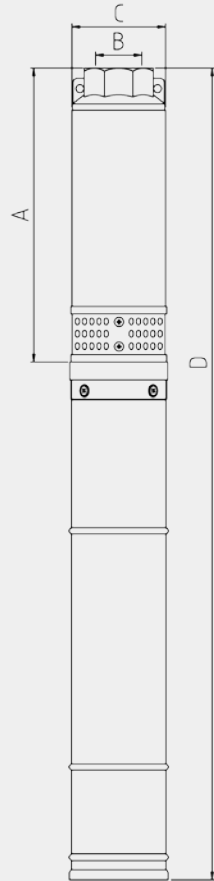
Parameter Center



PERFORMANCE CURVE



Performance Curve



Model	Size (mm)			
	A	B	C	D
G100QJD12-31/2	278	2"	98	914
G100QJD12-39/2	278		98	925
G100QJ12-31/2	278		98	914
G100QJ12-39/2	278		98	925
G100QJ12-59/3	311		98	984
G100QJ12-81/4	343		98	1041
G100QJ12-124/6	408		98	1140
G100QJ12-165/8	511		98	1277
G100QJ12-206/10	575		98	1403

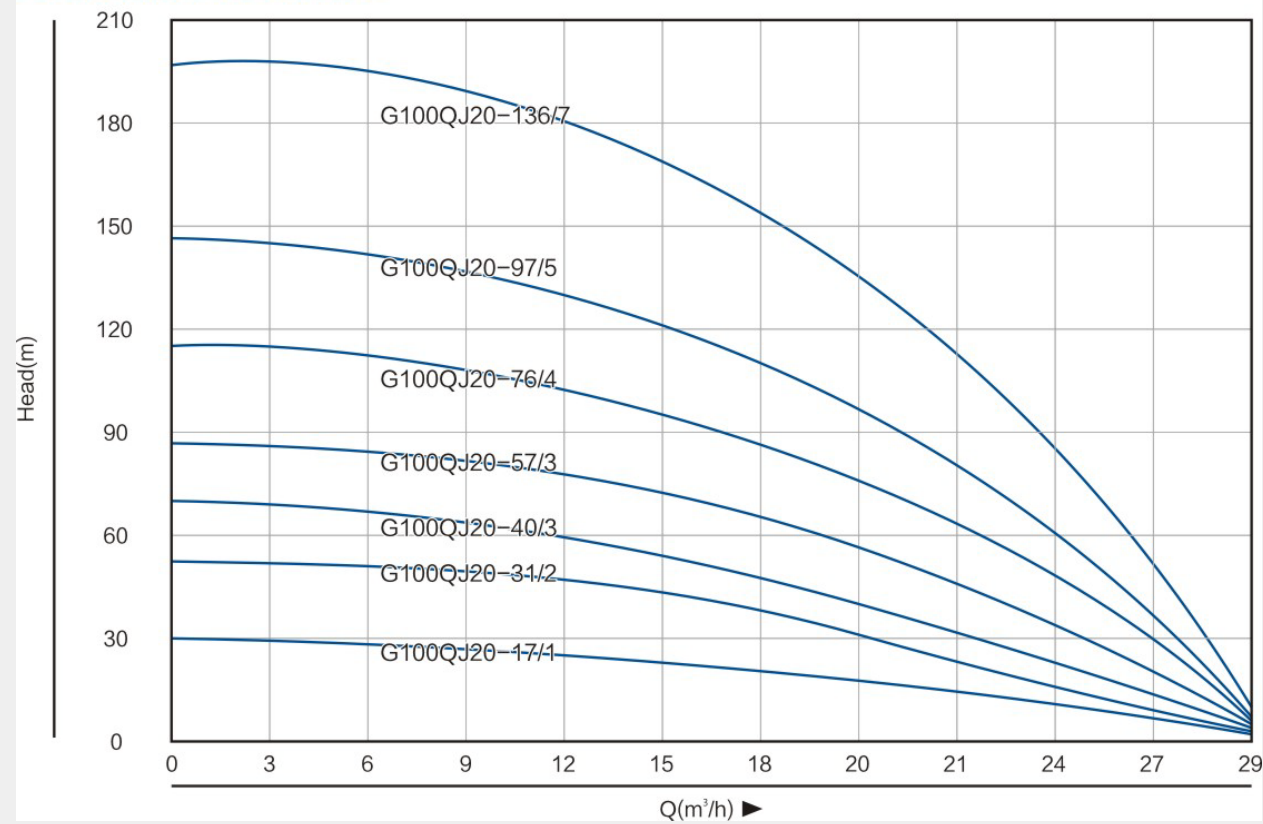
G100 Series 20 TECHNICAL DATA

Model	Impeller number	Motor		Out diameter inch	Voltage (V)		Flow m ³ /h	0	3	6	9	12	15	18	20	21	24	27	29
		KW	HP		AC	DC													
G100QJD20-17/1	1	1.5	2	2"/3"	160-250	220-350	Head (m)	30	28	27	25	23	22	19	17	16	13	8	2
G100QJD20-31/2	2	2.2	3					52	50	48	45	41	38	34	31	30	24	11	3
G100QJ20-17/1	1	1.5	2		320-450	450-630		30	28	27	25	23	22	19	17	16	13	8	2
G100QJ20-31/2	2	2.2	3					52	50	48	45	41	38	34	31	30	24	11	3
G100QJ20-40/3	3	3	4					70	66	62	58	53	48	44	40	37	29	21	4
G100QJ20-57/3	3	4	5.5					88	85	82	76	71	67	61	57	55	47	38	5
G100QJ20-76/4	4	5.5	7.5					115	112	105	99	92	86	79	76	72	62	51	6
G100QJ20-97/5	5	7.5	10					146	142	136	127	118	110	103	97	93	81	65	7
G100QJ20-136/7	7	11	15					197	195	192	177	166	153	144	136	131	113	86	10

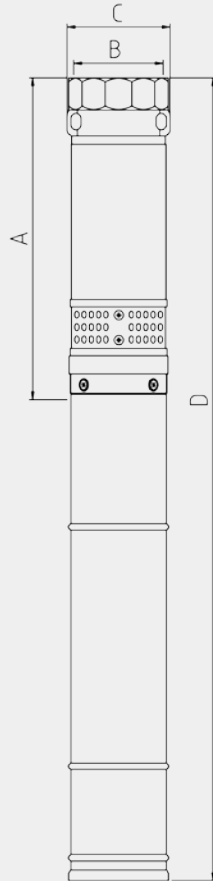
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PERFORMANCE CURVE



Performance Curve



Model	Size (mm)			
	A	B	C	D
G100QJD20-17/1	205	2"	98	841
G100QJD20-31/2	273		98	920
G100QJ20-17/1	205		98	841
G100QJ20-31/2	273		98	920
G100QJ20-40/3	341		98	1014
G100QJ20-57/3	341		98	1039
G100QJ20-76/4	409		98	1141
G100QJ20-97/5	476		98	1242
G100QJ20-136/7	612		98	1440

G100 Series 30 TECHNICAL DATA

Model	Impeller number	Motor		Out diameter inch	Voltage (V)		Flow m ³ /h	0	5	10	15	20	25	30	35	40	45
		KW	HP		AC	DC											
G100QJD30-18/1	1	2.2	3.0	3"	160-250	250-350	Head (m)	30	28	25	24	22	20	18	17	14	4
G100QJ30-18/1	1	2.2	3.0		320-450	450-630		30	28	25	24	22	20	18	17	14	4
G100QJ30-38/2	2	4.0	5.5					58	56	53	48	44	40	38	34	29	9
G100QJ30-47/3	3	5.5	7.5					75	73	67	63	56	52	47	40	32	13
G100QJ30-67/4	4	7.5	10					112	109	102	97	87	77	67	60	48	17
G100QJ30-79/5	5	11	15					141	135	130	119	102	90	79	67	55	21

Note: Technical parameters are subject to change without notice.

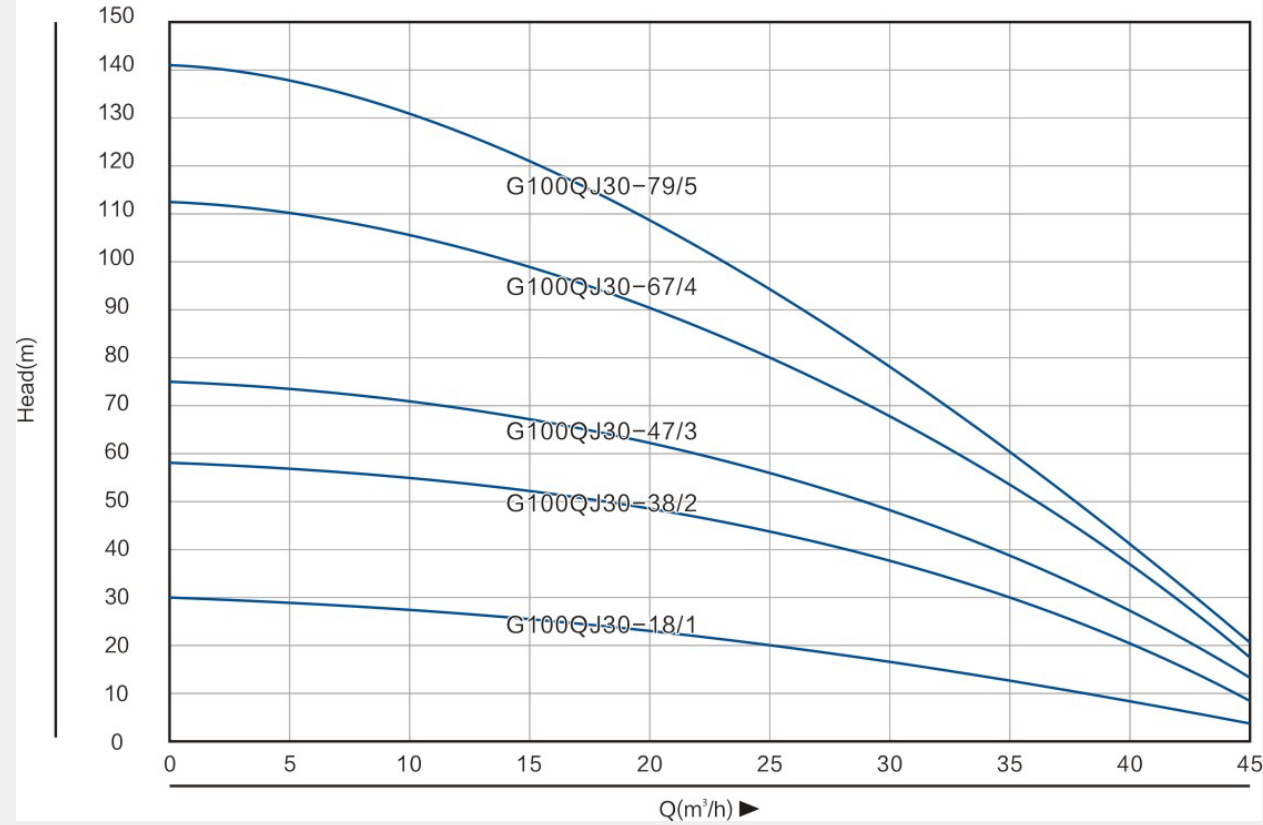


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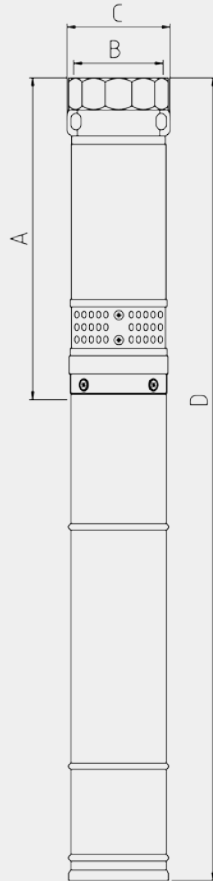
Parameter Center



PERFORMANCE CURVE



Performance Curve



Model	Size (mm)			
	A	B	C	D
G100QJD30-18/1	264	3"	98	911
G100QJ30-18/1	264		98	911
G100QJ30-38/2	341		98	1039
G100QJ30-47/3	417		98	1149
G100QJ30-67/4	494		98	1260
G100QJ30-79/5	571		98	1399

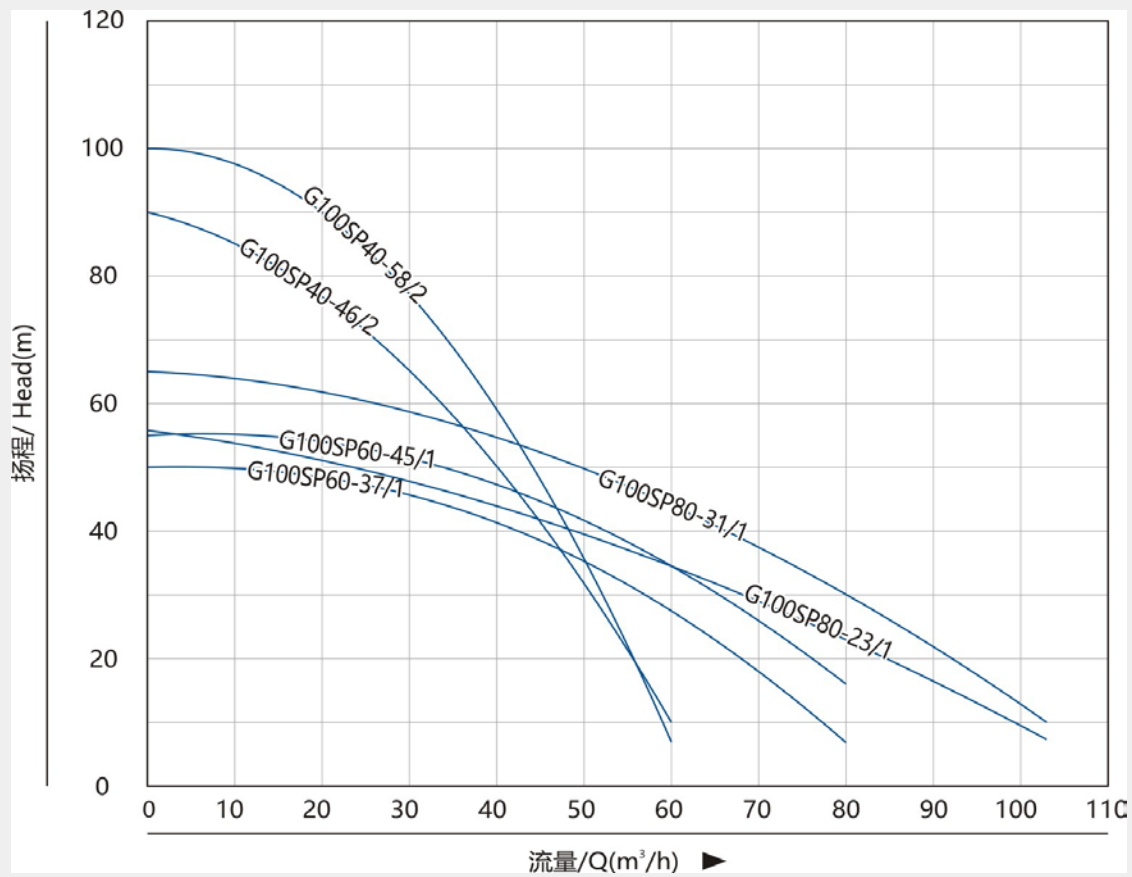
G100 Series 40 60 80 TECHNICAL DATA

Model	Impeller number	Motor		Out diameter inch	Voltage (V)		Flow m ³ /h										
		KW	HP		AC	DC		0	8	16	24	30	35	40	45	50	60
G100SP40-46/2	2	7.5	11	3"	320-450	450-630	Head (m)	90	85	82	76	65	51	46	35	23	10
G100SP40-58/2	2	11	15					100	96	90	85	78	68	58	50	14	8

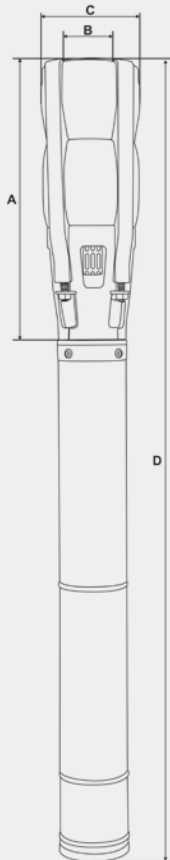
Model	Impeller number	Motor		Out diameter inch	Voltage (V)		Flow m ³ /h										
		KW	HP		AC	DC		0	18	30	40	50	55	60	65	70	80
G100SP60-37/1	1	7.5	11	4"	320-450	450-630	Head (m)	50	48	46	42	40	38	37	33	28	8
G100SP60-45/1	1	11	15					55	54	52	50	47	46	45	42	40	16

Model	Impeller number	Motor		Out diameter inch	Voltage (V)		Flow m ³ /h										
		KW	HP		AC	DC		0	12	24	36	48	60	70	80	90	103
G100SP80-23/1	1	7.5	11	4"	320-450	450-630	Head (m)	56	53	49	44	38	32	27	23	17	8
G100SP80-31/1	1	11	15					65	62	60	55	49	42	35	31	26	10

Note: Technical parameters are subject to change without notice.



Performance Curve



Model	Size (mm)			
	A	B	C	D
G100SP40-46/2	346	3"	145	1111
G100SP40-58/2	346		145	1173
G100SP60-37/1	346	4"	145	1111
G100SP60-45/1	346		145	1173
G100SP80-23/1	365		145	1130
G100SP80-30/1	365		145	1192

Mechanical Parameters



Animal Husbandry



High pressure water delivery



Building Industry



Mining



Agriculture



Dryland essential machine



Increase pressure



Industrial salt essential



Drilling cost **25%** ↑



2 Multiplier Product Life



Labor cost **50%** ↑



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JINBA INDUSTRY-TRADE

Parts List





Jinba Industry & Trade Co., Ltd, founded in 1998 (formerly known as Taizhou Jinba Industry & Trade Co., Ltd), is located in the town of water pump in wenling city zhejiang province, which is beautiful, wealthy and rapidly developed. Jinba is one of senior enterprises in the industry of deep well pump, a collection of research, development, manufacturing and sales, enjoying good reputation both at home and abroad.

Since 20 years ago, Jinba industry has entered the fast lane of high-speed development, accelerated the development pace of research and development, manufacturing and sales, and doubled the scale of assets. Facing the new domestic and foreign market environment and business situation, Jinba industry upholds corporate social responsibility, opening a new chapter of "High efficient, energy saving technology, leading the new era of the deep well pump".



锦霸工贸
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Manufacturing Strength





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