



**锦霸工贸**  
JINBA INDUSTRY-TRADE



**National High-tech Enterprises**



# High-efficient and energy-saving 3" 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.



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# 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. 3" deep well pump's rated flow can reach 8m<sup>3</sup>/h.;
2. Single phase AC voltage 160–250V,DC voltage 250–350V.;
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.。

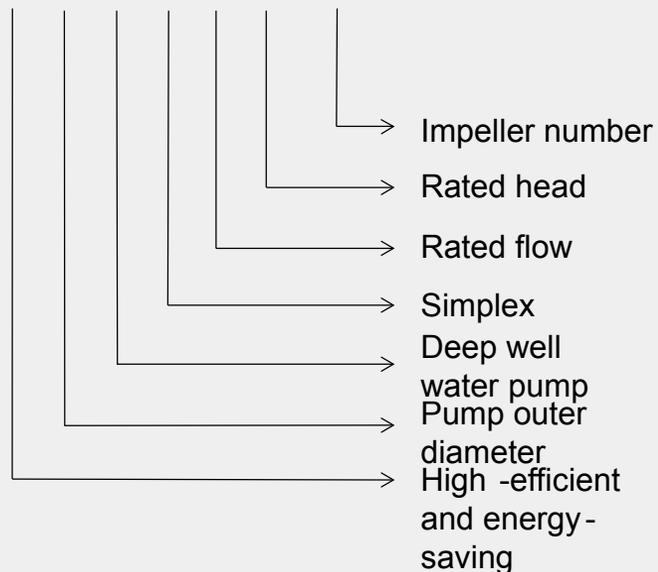
## ▪ Competitive Advantage:

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 ABS check valve, to effectively prevent the impact of water hammer;
4. Motor adopts a fully sealed structure and German mechanical sealing. With strong sealing, the motor diving depth is up to 150m.

## 3" High speed series material of spare parts

### MODEL ANALYSIS :

G 75 QJ D 2-71 / 7

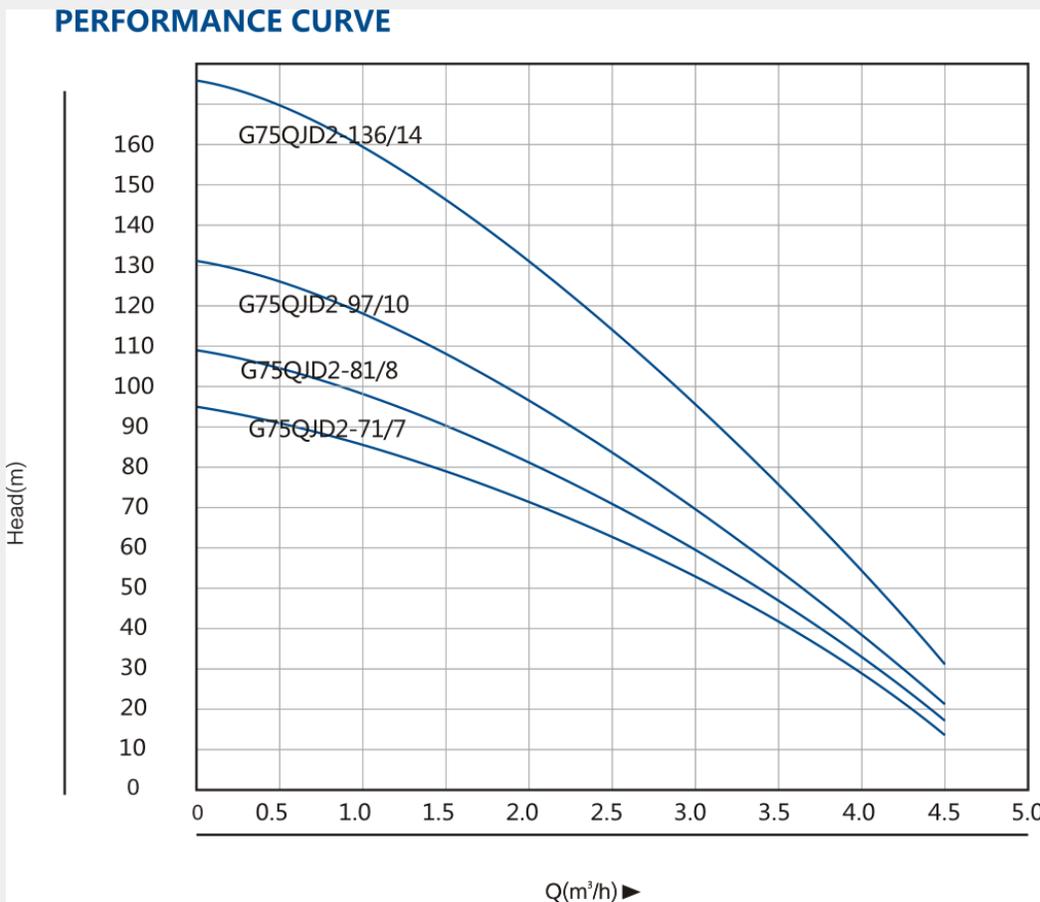


Part Name	Material	Part Name	Material
Pump Casing	304	Motor Casing	304
Discharge Head/Outlet	304	Top bearing chock	HT200
Connector/Inlet	304	Bottom bearing chock	HT200
Bowl	PC	Mechanical Seal	Import Silicon carbide—304
Impeller	import PPO	Rotator	304—45#Weld
Diffuser	Polycarbon	Bearing	C&U
Coupling	304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

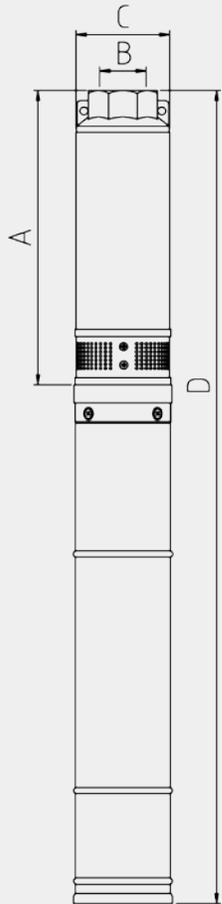
## G75 Series 2 TECHNICAL DATA

Model	Impeller number	Motor		Out diameter inch	Voltage ( V )		Flow m <sup>3</sup> /h	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5
		KW	HP		AC	DC											
G75QJD2-71/7	7	0.75	1	1"	160-250	250-350	Head ( m )	95	91	86	80	71	63	56	44	36	14
G75QJD2-81/8	8	0.9	1.2					109	99	93	91	81	74	61	49	39	17
G75QJD2-97/10	10	1.1	1.5					131	121	118	108	97	82	68	52	44	21
G75QJD2-136/14	14	1.5	2					176	171	156	154	136	121	96	78	56	31

Note: Technical parameters are subject to change without notice.



**Performance Curve**

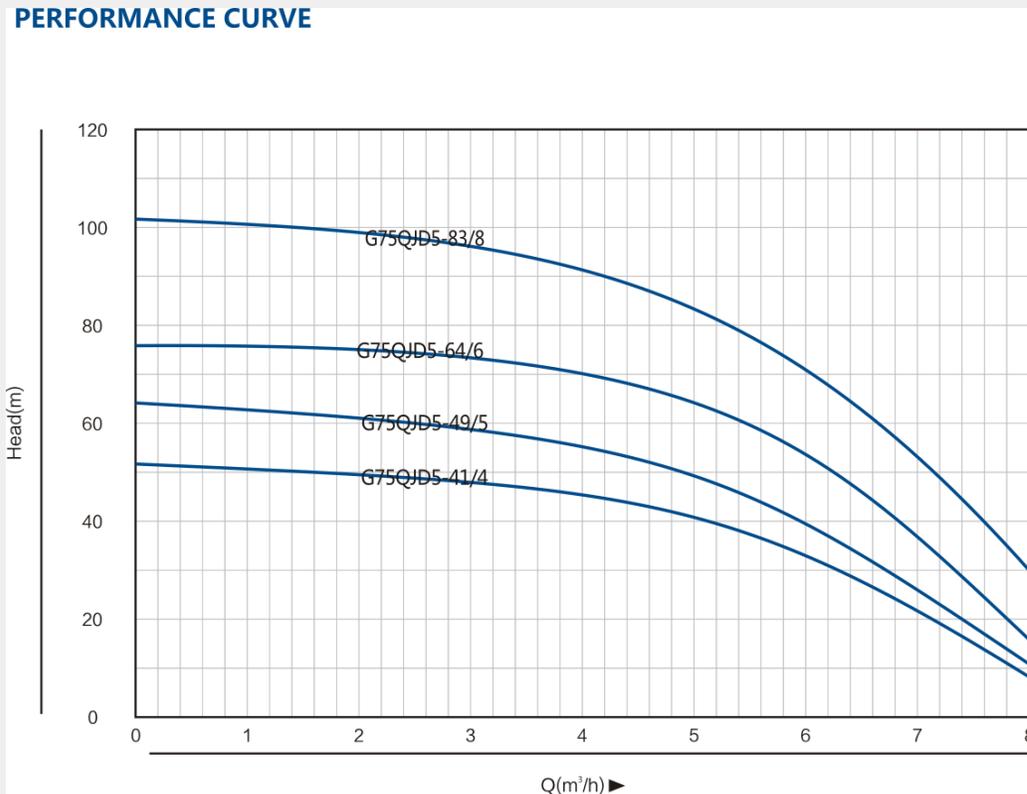


Model	Size ( mm )			
	A	B	C	D
G75QJD2-71/7	388	1.25"	78	1089
G75QJD2-81/8	415		78	1116
G75QJD2-97/10	467		78	1168
G75QJD2-136/14	573		78	1298

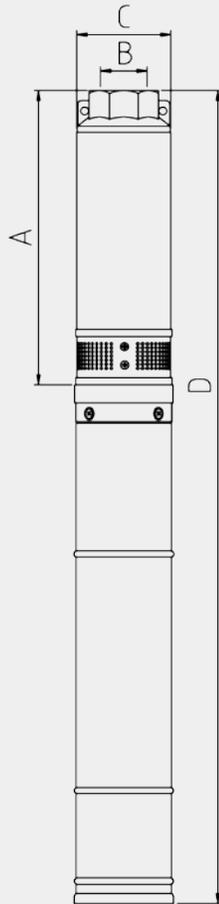
## G75 Series 5 TECHNICAL DATA

Model	Impeller number	Motor		Out diameter inch	Voltage ( V )		Flow m <sup>3</sup> /h	0	1	2	3	4	5	6	7	8
		KW	HP		AC	DC										
G75QJD5-41/4	4	0.75	1	1.25"	160-250	250-350	Head ( m )	52	50	47	46	44	41	34	26	8
G75QJD5-44/5	5	0.9	1.2					64	63	61	59	53	49	39	33	12
G75QJD5-64/6	6	1.1	1.5					77	76	75	69	66	64	54	41	16
G75QJD5-83/8	8	1.5	2					102	101	100	93	91	83	69	53	30

Note: Technical parameters are subject to change without notice.



**Performance Curve**



Model	Size ( mm )			
	A	B	C	D
G75QJD5-41/4	314	1.25"	78	1015
G75QJD5-49/5	348		78	1049
G75QJD5-64/6	381		78	1082
G75QJD5-83/8	472		78	1197



Animal Husbandry



High pressure water delivery



Building Industry



Mining



Agriculture



Dryland essential machine



Increase pressure



Industrial salt essential

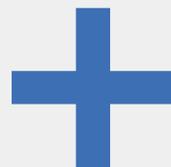


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# Cost Analysis



Drilling cost **25%** ↑



2 Multiplier Product Life



Labor cost **50%** ↑



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# 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".



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# Manufacturing Strength





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