



锦霸工贸  
JINBA INDUSTRY-TRADE



National High-tech Enterprises



## 3.5" Folding Impeller Series Traditional



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# Product Introduction

**3.5" Folding Impeller Series** adopts whole-stage floating structure, high-strength and abrasion-resistant modified composite PC for impeller and diffuser, large flow, high lift.



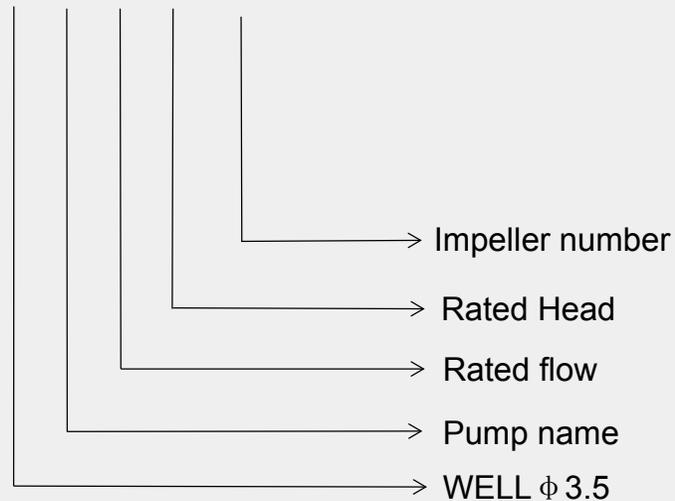
## · Performance characteristics:

1. High-grade Stainless steel for casing of motor and pump, shaft coupling, fastener, etc, elegant appearance, strong decay resistance, outstanding durability;
2. High-efficient and energy-saving motor is suitable for drinking water, filled with food-grade white oil, non-toxic and pollution-free;
3. Motor has a built-in oil bag, largely regulating motor pressure. When motor internal pressure change, the oil bag will balance the pressure of the inside and outside, expanding the motor diving depth range, and lubricating the mechanical sealing static ring, to prolong its service life;
4. Adopting the flow field simulation design of CFD and the finite element analysis method, using the computer-aided design software such as CAD, Inventor, etc, to visualize the product structure;
5. The installation of the motor rotor conforms to “NEMA” standard;
6. Folding impeller adopts whole-stage floating structure, high-strength and abrasion-resistant modified composite PC for impeller and diffuser, large flow, high lift.

## 3.5" Folding Impeller Series material of spare parts

### MODEL ANALYSIS :

90 QJ 2-28 /7



Part Name	Material	Part Name	Material
Pump Casing	304/201	Top bearing chock	HT200
Discharge Head/Outlet	HT200	Bottom bearing chock	HT200
Connector/Inlet	HT200	Mechanical Seal	Ceramic-graphite
Bowl	ABS	Rotator	304—45#Weld
Impeller	PC	Bearing	C&U
Coupling	304	Oil	Food-grade machine oil
Motor Casing	304/201		

## 90QJ2 TECHNICAL DATA

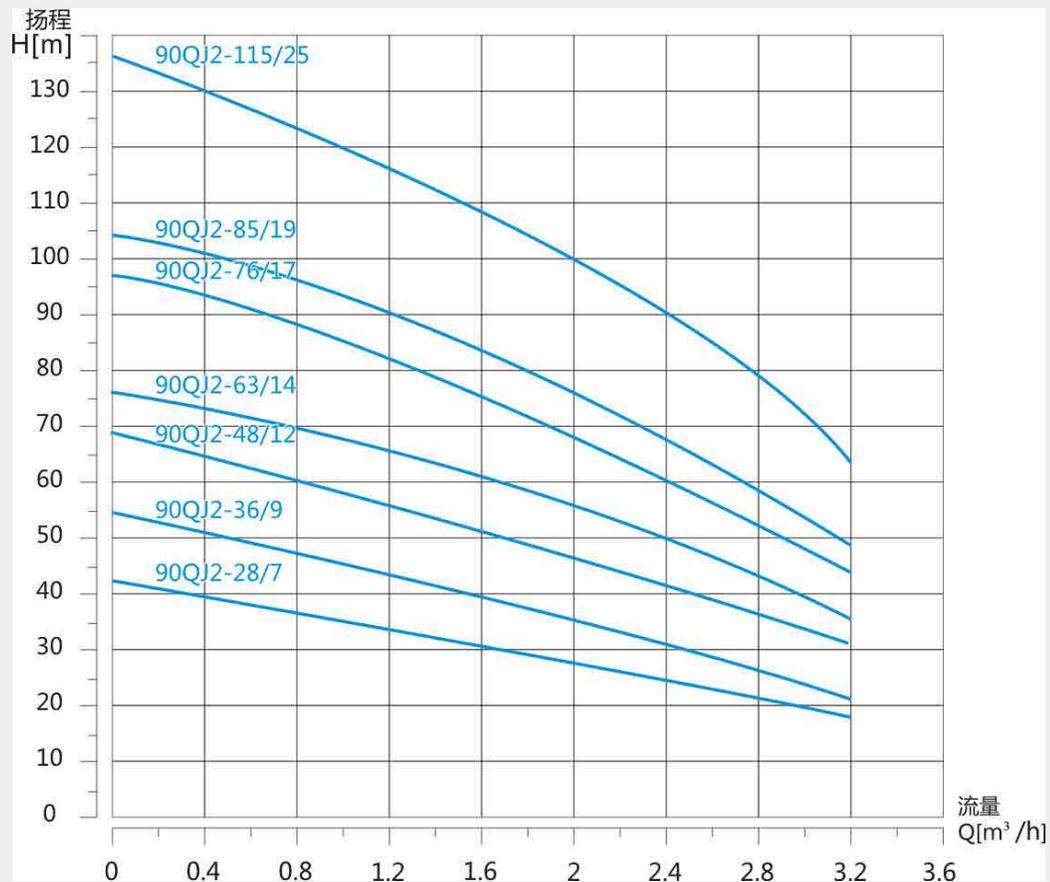
Item Number	Power		Outlet diameter inch	Flow (m³/h)	0	0.4	0.8	1.2	1.6	2	2.4	2.8	3.2
	HP	KW											
90QJ2-28/7	0.5	0.37	1"	Head (m)	42	40	38	33	30	28	26	22	18
90QJ2-36/9	0.75	0.55			55	52	50	42	39	36	32	28	21
90QJ2-48/12	1	0.75			69	65	63	54	51	48	42	39	31
90QJ2-63/14	1.5	1.1			76	72	69	65	60	56	49	43	36
90QJ2-76/17	2	1.5			97	92	88	83	73	68	60	52	44
90QJ2-85/19	3	2.2			104	99	94	90	81	76	67	58	49
90QJ2-115/25	4	3			136	130	123	116	107	100	87	77	64

Note: Technical parameters are subject to change without notice.

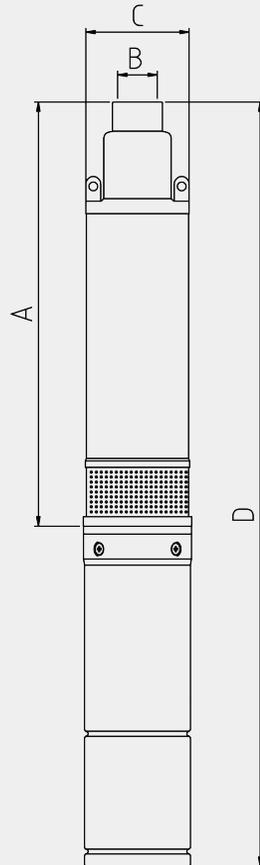


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# Parameter Center



**Performance Curve**



Pump Type	Size(mm)			
	A	B	C	D
90QJ2-28/7	421	1"	88	783
90QJ2-36/9	473		88	885
90QJ2-48/12	551		88	953
90QJ2-63/14	603		88	1040
90QJ2-76/17	680		88	1137
90QJ2-85/19	765		88	1247
90QJ2-115/25	919		88	1436

## 90QJ4 TECHNICAL DATA

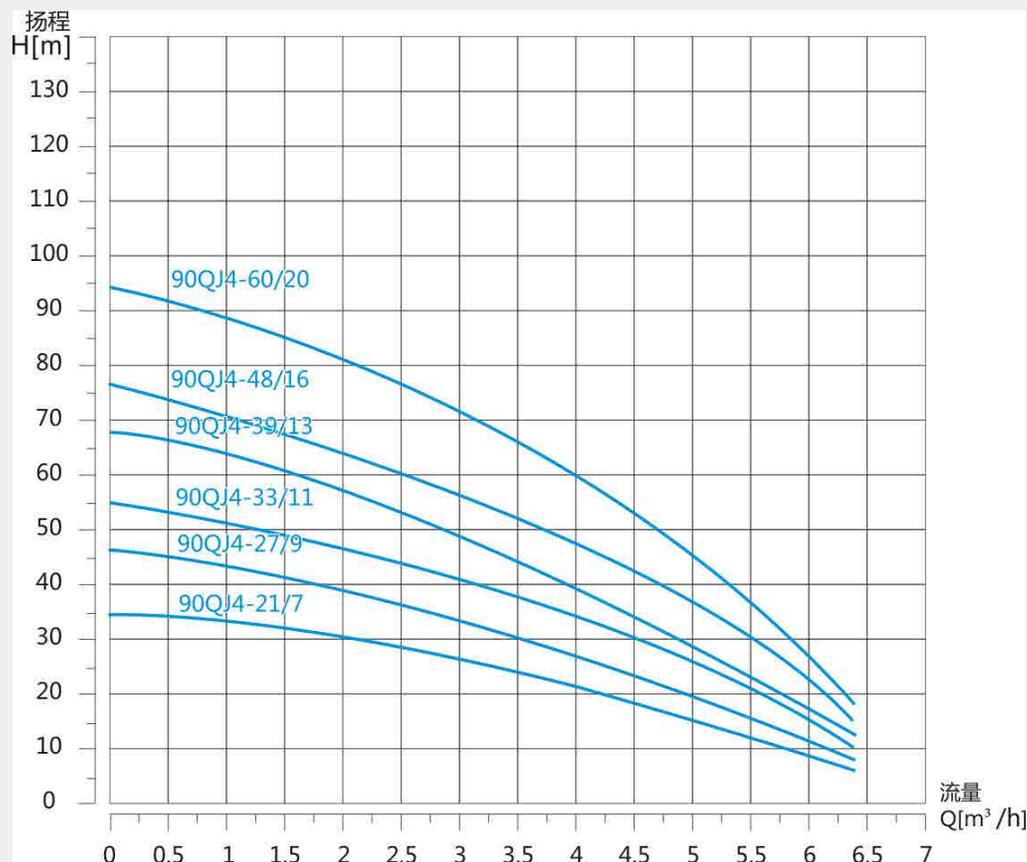
Item Number	Power		Outlet diameter r inch	Flow (m <sup>3</sup> /h)	0	0.8	1.6	2.4	3.2	4	4.8	5.6	6.4
	HP	KW											
90QJ4-21/7	0.75	0.55	1"/1.5"	Head (m)	35	33	31	28	25	21	16	11	6
90QJ4-27/9	1	0.75			46	43	41	37	33	27	20	14	8
90QJ4-33/11	1.5	1.1			55	51	49	44	39	33	25	17	10
90QJ4-39/13	2	1.5			68	63	60	54	48	39	29	20	12
90QJ4-48/16	3	2.2			76	70	67	60	54	48	36	25	15
90QJ4-60/20	4	3			94	87	83	74	67	60	45	31	18

Note: Technical parameters are subject to change without notice.

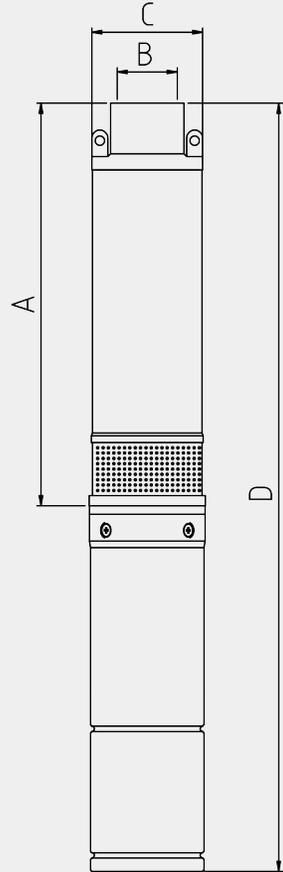


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# Parameter Center



Performance Curve



Pump Type	Size(mm)			
	A	B	C	D
90QJ4-21/7	479	1"	88	861
90QJ4-27/9	558		88	960
90QJ4-33/11	637		88	1074
90QJ4-39/13	717		88	1174
90QJ4-48/16	871		88	1353
90QJ4-60/20	1029		88	1546

# Mechanical Parameters



Animal Husbandry



High pressure water delivery



Building Industry



Mining



Agriculture



Dryland essential machine



Increase pressure



Industrial salt essential



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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





## E-MAIL

[jinba@cn-jinba.com](mailto:jinba@cn-jinba.com)   [sales@cn-jinba.com](mailto:sales@cn-jinba.com)   [sales@jinbapump.com](mailto:sales@jinbapump.com)

## PHONE

0576-89977567   0576-89977560

## FAX

0576-86382389

## ADD

SHANGTANTOU INDUSTRIAL PARK,DAXI TOWN,WENLING  
CITY,ZHEJIANG PROVINCE,CHINA