



stock code: 603757



# PUMP WELL WITH HEART

ZHEJIANG DAYUAN PUMPS INDUSTRIAL CO.,LTD  
Tel: +86/576-8642 5363 8642 5448  
Fax: +86/576-8642 5338 8644 4168  
Http ://www.cnpumps.com E-mail :sell@dayuan.com  
Add: Danya industrial area Zeguo. Taizhou(317523). Zhejiang, china



ZHEJIANG DAYUAN PUMPS INDUSTRIAL CO.,LTD

## COMPANY PROFILES



Zhejiang Dayuan Pump Co., Ltd. founded in 1990 is a well-known professional pump research and development enterprise in China with the enterprise spirit of "make every efforts and strive for excellence". The company which is a "high-tech enterprise has about 800 employees, a construction area of 80,000 square meters, and assets of 840 million Yuan, and its annual sales income is 532 million Yuan. It has won "Zhejiang Famous Brand Products", "Provincial Enterprise Technology Center", "Zhejiang Famous Enterprise", "Zhejiang Standard Innovation Enterprise", "Zhejiang Innovative Pilot Enterprise", "Zhejiang Industrial and Commercial Credit "AAA" Level Unit ", " Taizhou Mayor Quality Award " and other titles.

Since its establishment, the company has specialized in researching, manufacturing, and selling all kinds of agricultural water pumps, domestic water pumps, and engineering construction pumps. Its leading product water pump" of "Dayuan" brand has excellent performance and first-class quality. More than 2,000 product sales and service outlets are spread all over the country and exported to the United States, South Korea, Southeast Asia, Europe, Middle East and South America and other countries and regions, enjoying high reputation in European and South American markets. The products have passed CE, GS, TUV, ROHS and other certifications. DaYuan trademarks have been registered in Italy, Germany, Thailand, Bangladesh and other countries. The company "digests, absorbs, innovates" Foreign advanced pump technology, implements the "energy saving and emission reduction" concept, and has won a number of authorized invention patents.

In order to improve the overall R&D level of the company and lay out the high-end pump market at home and abroad, the largest research and development production base for shielded pumps responsible for the drafting of national standards for the national shielded pump industry was built in Hefei in 2012. The products are applied in many fields such as military industry, chemical industry, metallurgy, nuclear power, EMU, central air conditioning unit, etc., and its scientific and technological level has been at the domestic leading level and international advanced level.



# HONOR



Equipped with 24 smart automatic production lines.  
 Automatic installation, detection of missing installation and testing.  
 Set up precision testing laboratories, physics laboratories, chemical laboratories, metrological correction laboratories.  
 Unique 3 steps tests, including motor test, pump test and overall unit test to guarantee quality.  
 100% testing for pumps.





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# DS Series Deep Well Pump



01 SEWAGE DISPOSAL



02 SEWAGE DISPOSAL



03 SEWAGE DISPOSAL

### APPLICATION AREA

- For water supply from wells or reservoirs.
- For domestic use, for civil and industrial applications.
- For garden use and irrigation.

### ONE YEAR WARRANTY

### MOTOR AND PUMP

- Rewindable motor
- Pumps are designed by casing stressed
- NEMA dimension standards

### OPERATING LIMITS

- Maximum fluid temperature up to +40 C
- Maximum sand content: 0.15%
- Maximum immersion: 50m

### MODEL INSTRUCTION

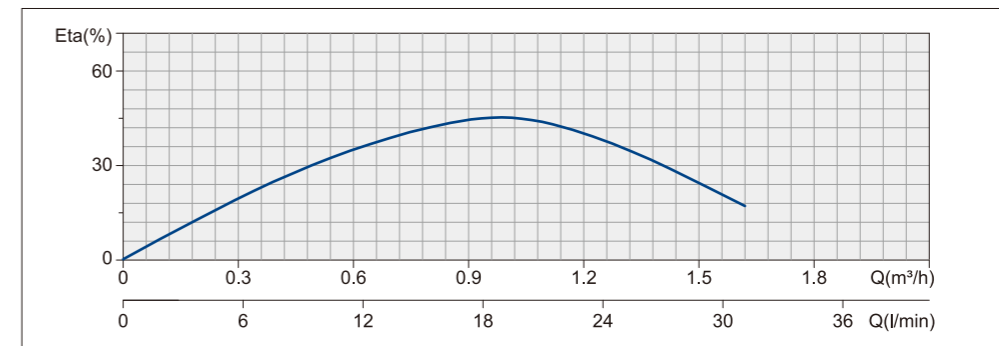
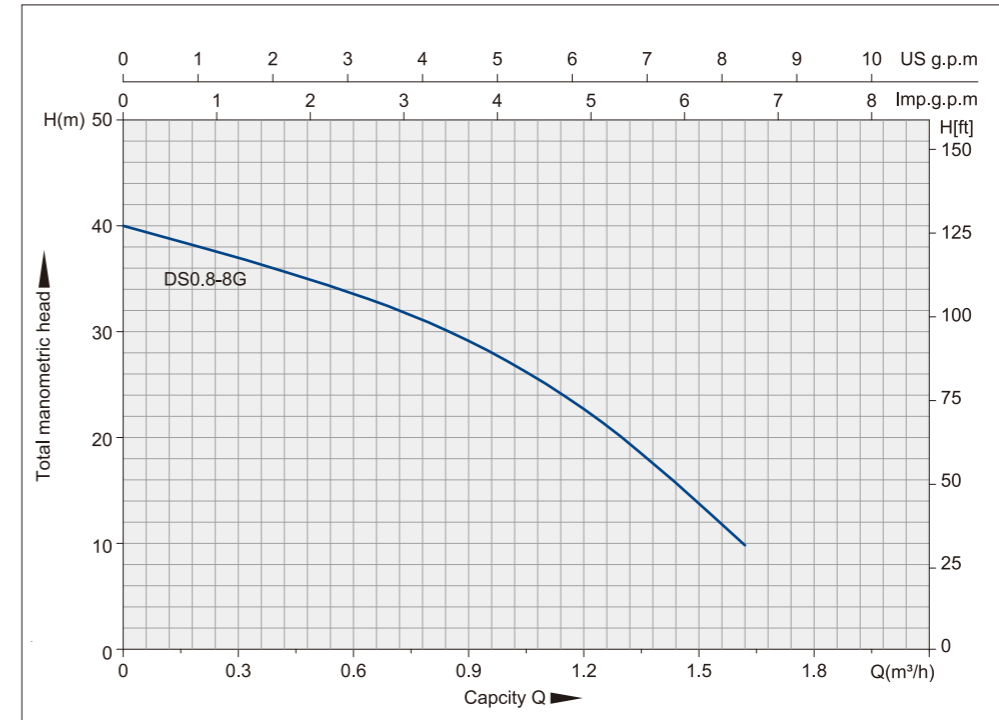
D m - / - E

- Coarse thread
- Rated power (kW)
- Number of impellers
- Rated head (m)
- Rated flow (m<sup>3</sup>/h)
- With m - Single Phase Without m - Three Phase
- Dayuan brand
- Diameter of pump (3")

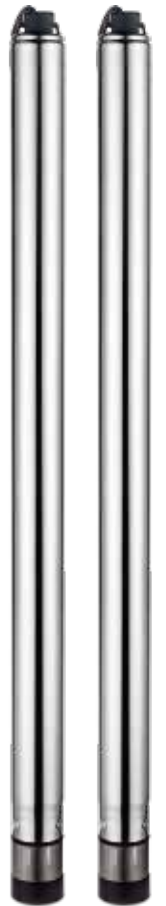
**MODEL ANALYSIS**



**PERFORMANCE CURVES**



**2"**

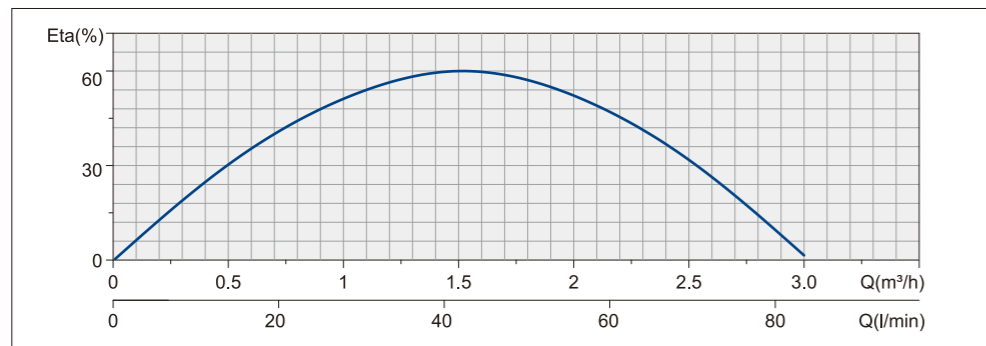
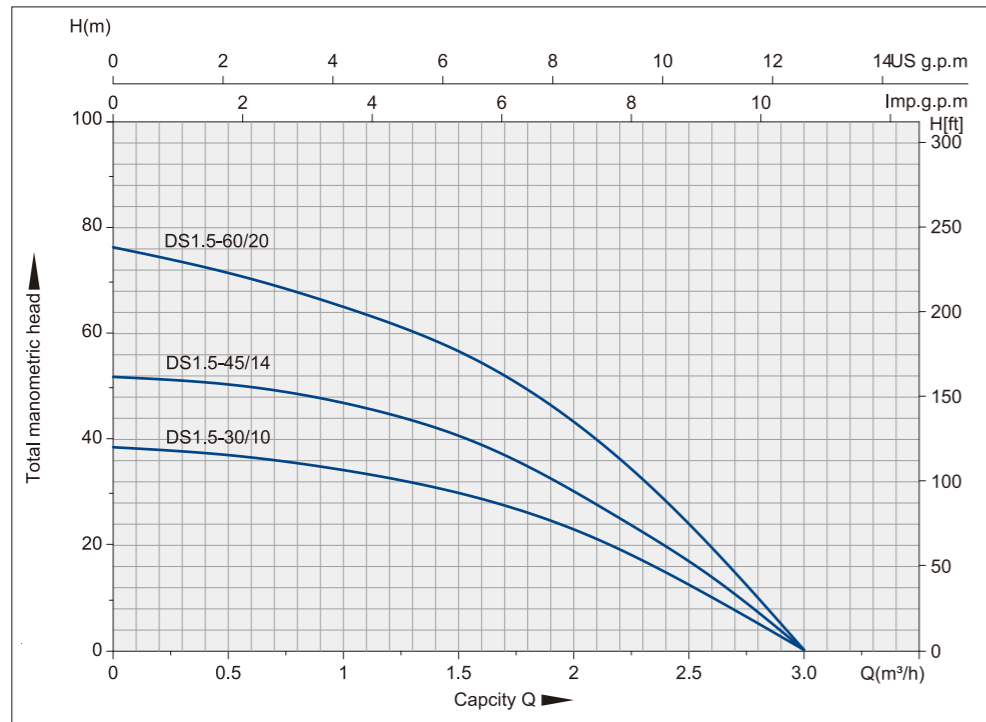


Component	Material	Component	Material
Pump external casing	①AISI 304 SS ②AISI 201 SS	Bottom bearing seat	ZL102
Pump outlet	Plastic PPO	Mechanical seal	Ceramics-graphite
Pump inlet	Plastic PPO	Shaft	AISI 304 SS
Diffuser	Plastic PC	Cylinder cap	Plastic PPO
Diffuser cover	Plastic PC	Support	Plastic PVC
Impeller	Plastic POM	Strainer	AISI 304 SS
Motor external casing	①AISI 304 SS ②AISI 201 SS	Bearing	①NSK ②C&U
Upper bearing seat	ZL102	Seal lubricant oil	10# food-grade lubricant oil

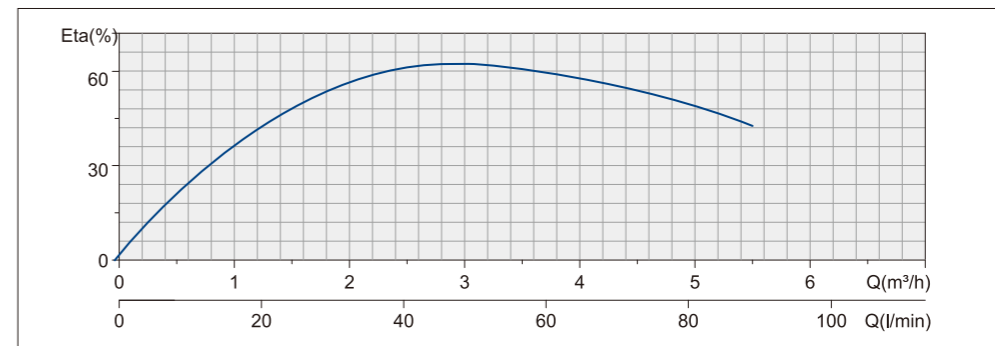
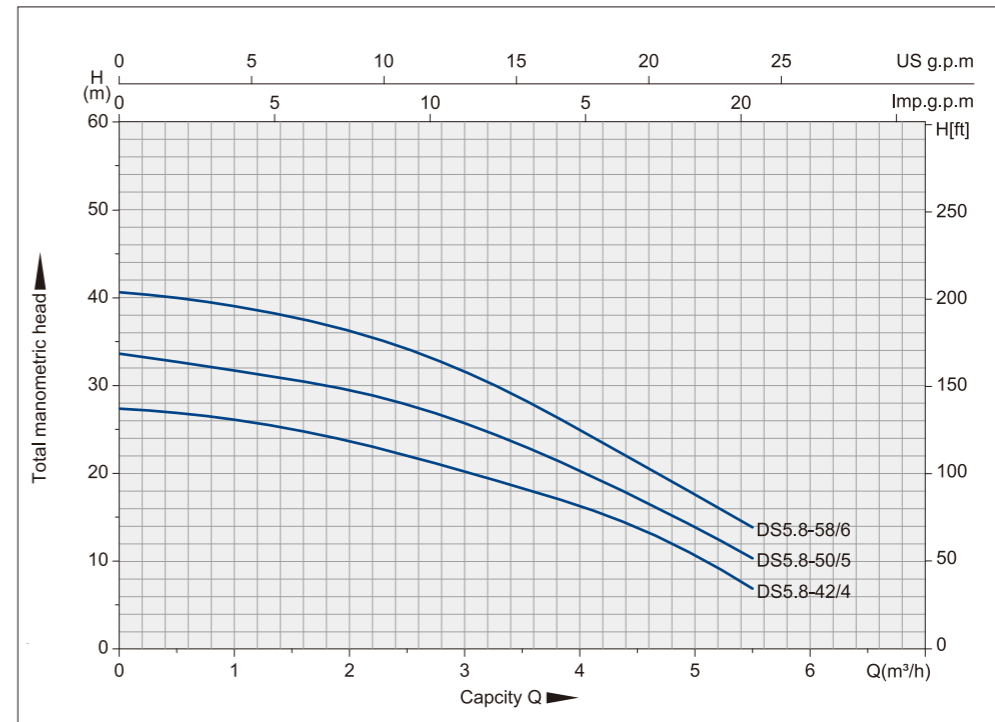
**TECHNICAL TABLE n=5600 r/min**

Model	Power		Q(m³/h)					
	(kW)	(HP)	0	0.4	0.8	1.2	1.6	
Single phase 220-240V/50Hz			0	16.7	33.4	50.1	66.8	
DS0.8-8G	0.37	0.5	H(m)	41	37	32	24	10

PERFORMANCE CURVES



PERFORMANCE CURVES



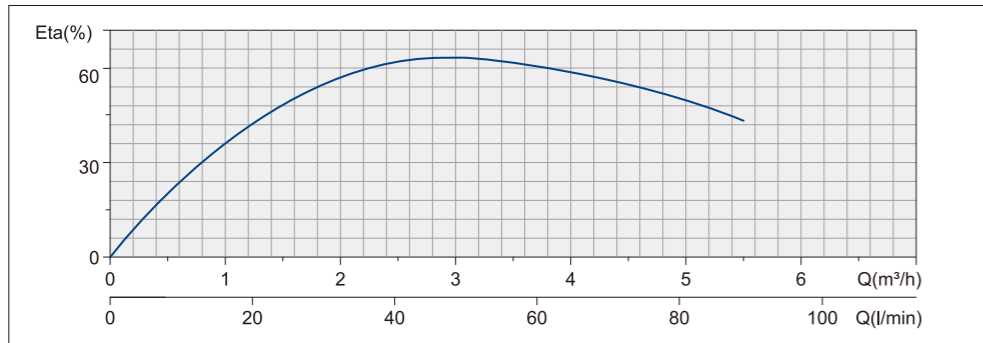
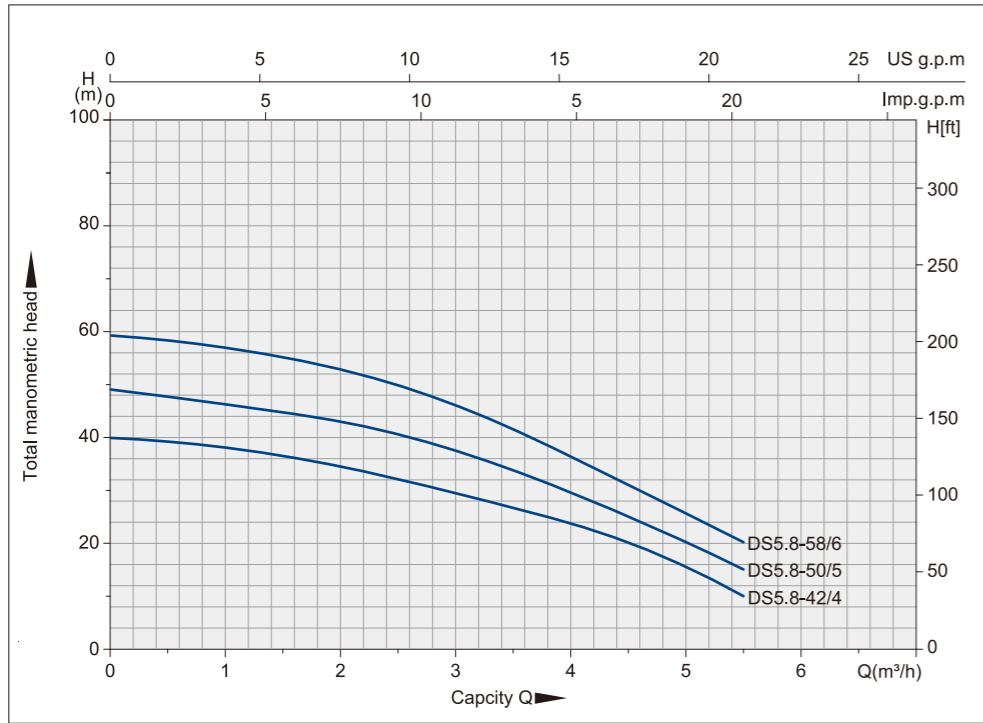
TECHNICAL TABLE n=3000 r/min

Model	Power		Q(m³/h)	0	1	1.5	2
	(kW)	(HP)					
Single phase 220-240V/50Hz			l/min	0	17	25	33
DS1.5-30/10	0.25	0.33	H (m)	39	37	30	23
DS1.5-45/14	0.37	0.5		53	47	42	30
DS1.5-60/20	0.55	0.75		75	66	60	43

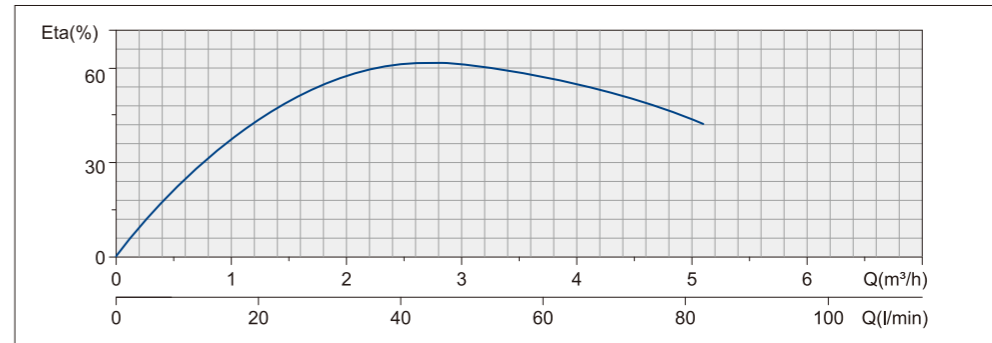
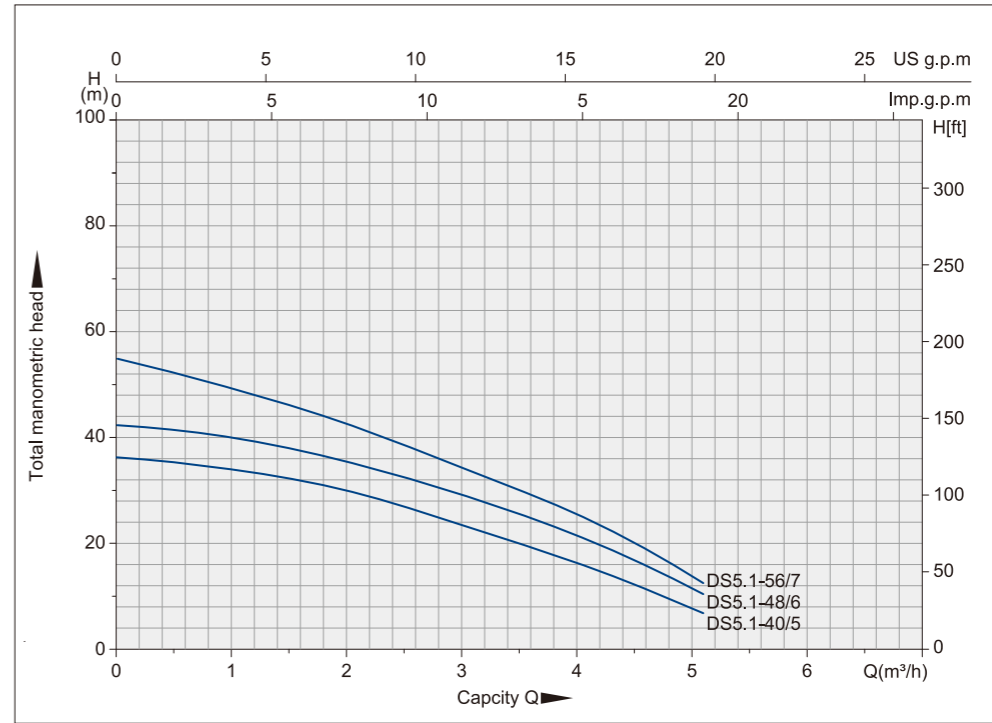
TECHNICAL TABLE n=3000 r/min

Model	Power		Q(m³/h)	0	1	1.5	2
	(kW)	(HP)					
Single phase 230V/60Hz			l/min	0	17	25	33
3.5DS2-41/6-0.37MN	0.25	0.33	H (m)	39	37	30	23
3.5DS2-47/7-0.55MN	0.37	0.5		53	47	42	30
3.5DS2-52/8-0.75MN	0.55	0.75		75	66	60	43

PERFORMANCE CURVES



PERFORMANCE CURVES



TECHNICAL TABLE n=3000 r/min

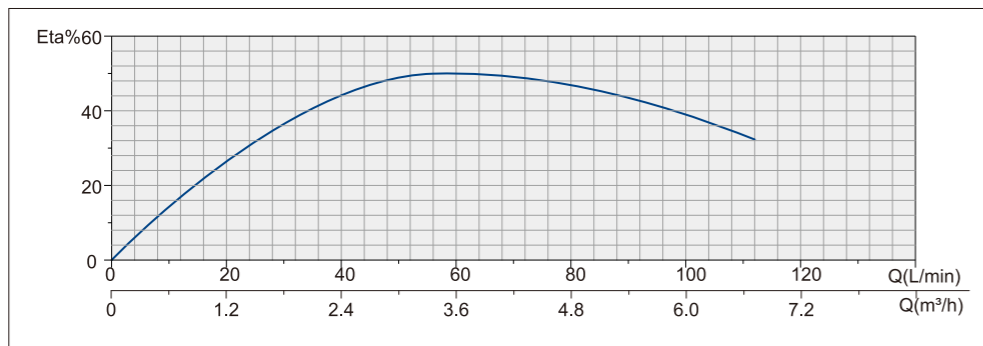
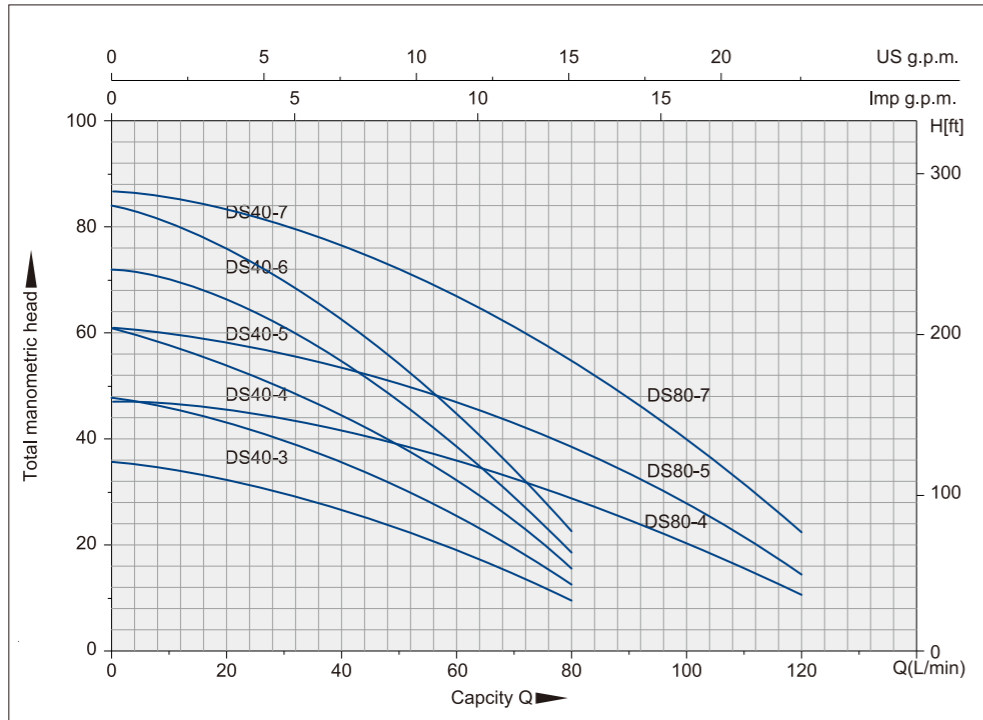
Model	Power		Q(m³/h)	Capacity					G.W	Cylinder packing Dimension
	(kW)	(HP)		0	1	2	4	5		
Single phase 110-115V/60Hz			l/min	0	16.7	33.4	66.8	83.5	(kg)	(mm)
DS5.8-42/4	0.37	0.5	H (m)	37	35	32	20	13	10	730X140X150
DS5.8-50/5	0.6	0.8		46	44	40	25	16	11	775X140X150
DS5.8-58/6	0.8	1.1		56	53	48	30	20	12	815X140X150

TECHNICAL TABLE n=3000 r/min

Model	Power		Q(m³/h)	Capacity						G.W	Cylinder packing Dimension
	(kW)	(HP)		0	1	2	3	4	5		
Single phase 220-240V/50Hz			l/min	0	16.7	33.4	50.1	66.8	83.5	(kg)	(mm)
DS5.1-40/5	0.37	0.5	H (m)	35	33	30	24	17	10	10	730X140X150
DS5.1-48/6	0.6	0.8		42	40	36	29	21	12	11	775X140X150
DS5.1-56/7	0.8	1.1		50	47	42	34	25	15	12	815X140X150
DS4.6-11	1.1	1.5		71	67	55	43	15	-	13	920X140X150
DS5.1-11	1.1	1.5		75	69	61	52	38	25	13	920X140X150



PERFORMANCE CURVES



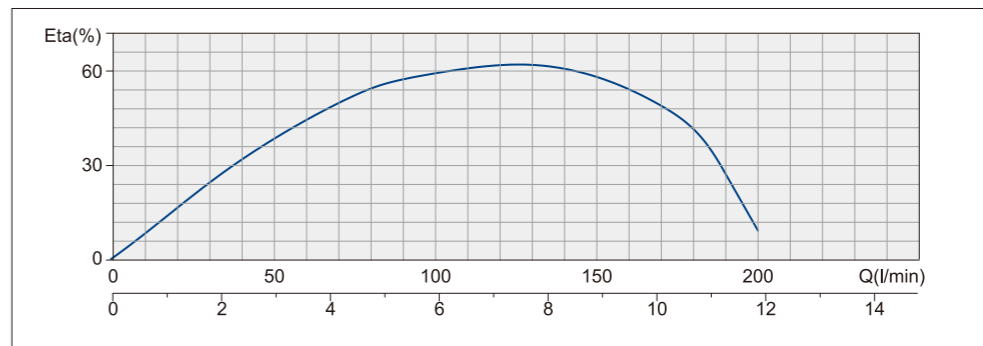
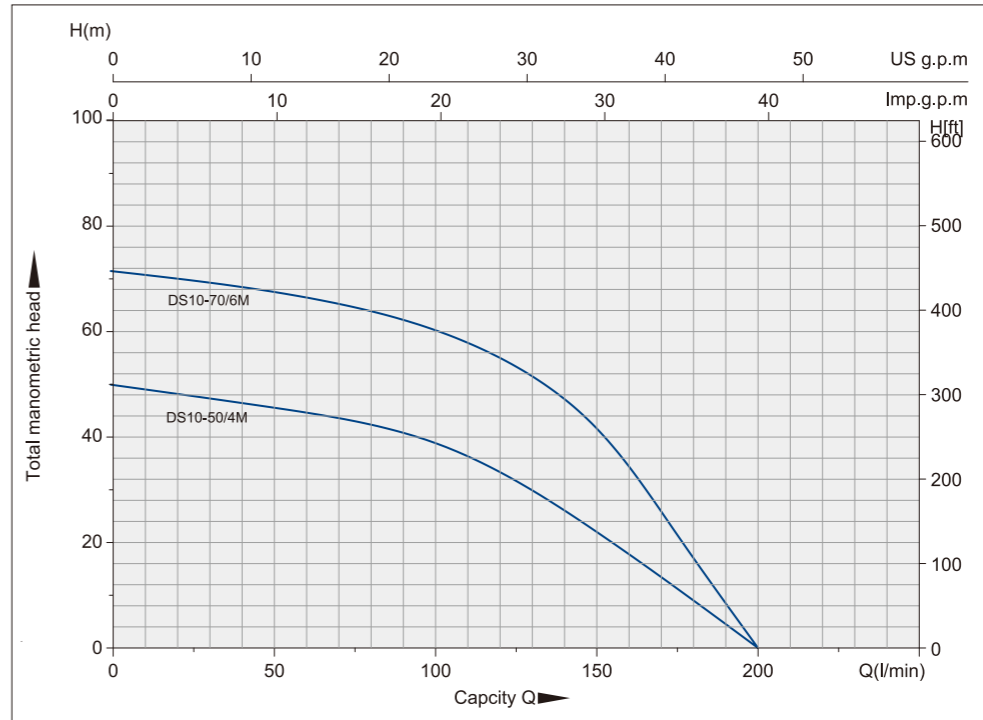
TECHNICAL TABLE n=3000 r/min

Model	Power		Q(m³/h)		Q(l/min)					
	(kW)	(HP)	l/min	H (m)	0	1.2	1.8	2.4	3.6	4.8
Single phase 220V/50Hz					0	20	30	40	60	80
DS40-3	0.45	0.6			36	32	30	27	19	10
DS40-4	0.6	0.8			48	43	40	36	26	13
DS40-5	0.75	1			61	54	50	45	32	16
DS40-6	0.9	1.2			72	67	60	54	39	19
DS40-7	1.1	1.5			84	75	70	63	45	23

Model	Power		Q(m³/h)		Q(l/min)						
	(kW)	(HP)	l/min	H (m)	0	1.8	2.4	3.6	4.8	6	7.2
Single phase 220V/50Hz					0	30	40	60	80	100	120
DS80-4	0.9	1.2			49	45	44	38	32	22	15
DS80-5	1.1	1.5			62	57	55	48	40	28	19
DS80-7	1.5	2			86	79	77	67	56	39	26

PERFORMANCE CURVES



TECHNICAL TABLE n=3000 r/min

Model	Power		Q(m³/h)		Q(l/min)					Cylinder packing Dimension (mm)
	(kW)	(HP)	l/min	H (m)	0	3	6	9	12	
Single phase 220-240V/50Hz					0	50	100	150	200	
Three phase 380-415V/50Hz										
DS10-50/4M	1.1	1.5			50	45	40	23	0	Φ147X600.5
DS10-70/6M	2.2	3			70	69	60	35	0	Φ147X681.5



SP 6" SP 4"



# QJ(D)-SP Series Deep Well Pump



### APPLICATION AREA

- For water supply from wells or reservoirs.
- For domestic use, for civil and industrial applications.
- For garden use and irrigation.

### ONE YEAR WARRANTY

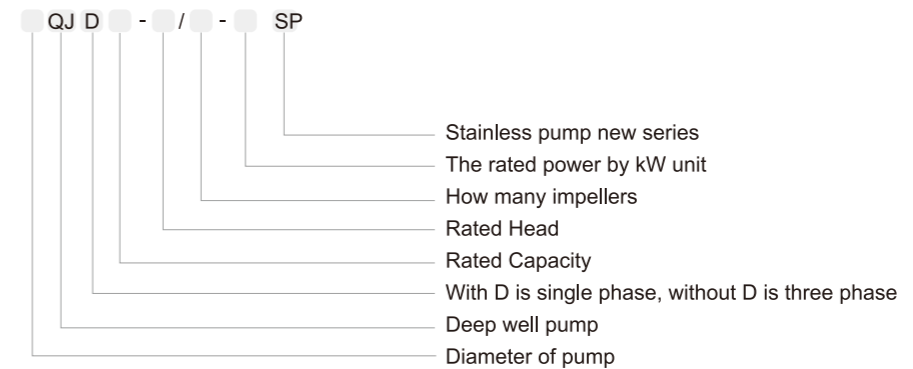
### MOTOR AND PUMP

- Rewindable motor
- Equip with start control box or digital auto-control box
- Pumps are designed by casing stressed
- NEMA dimension standard

### OPERATING LIMITS

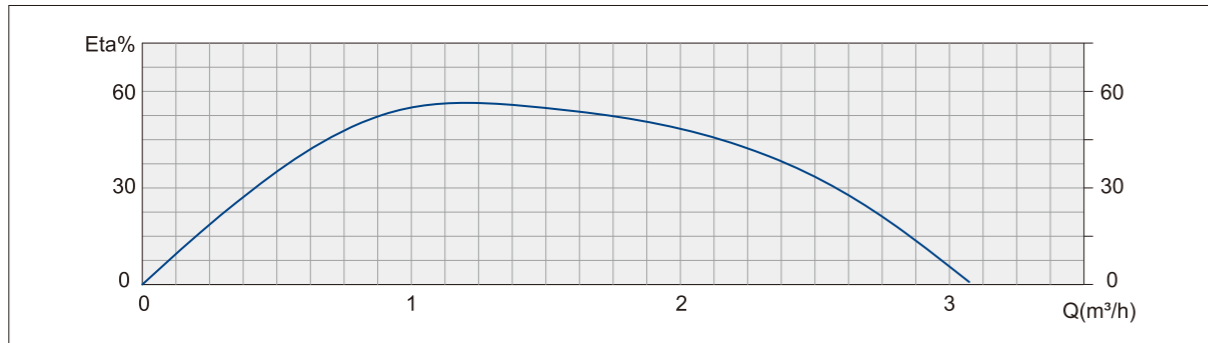
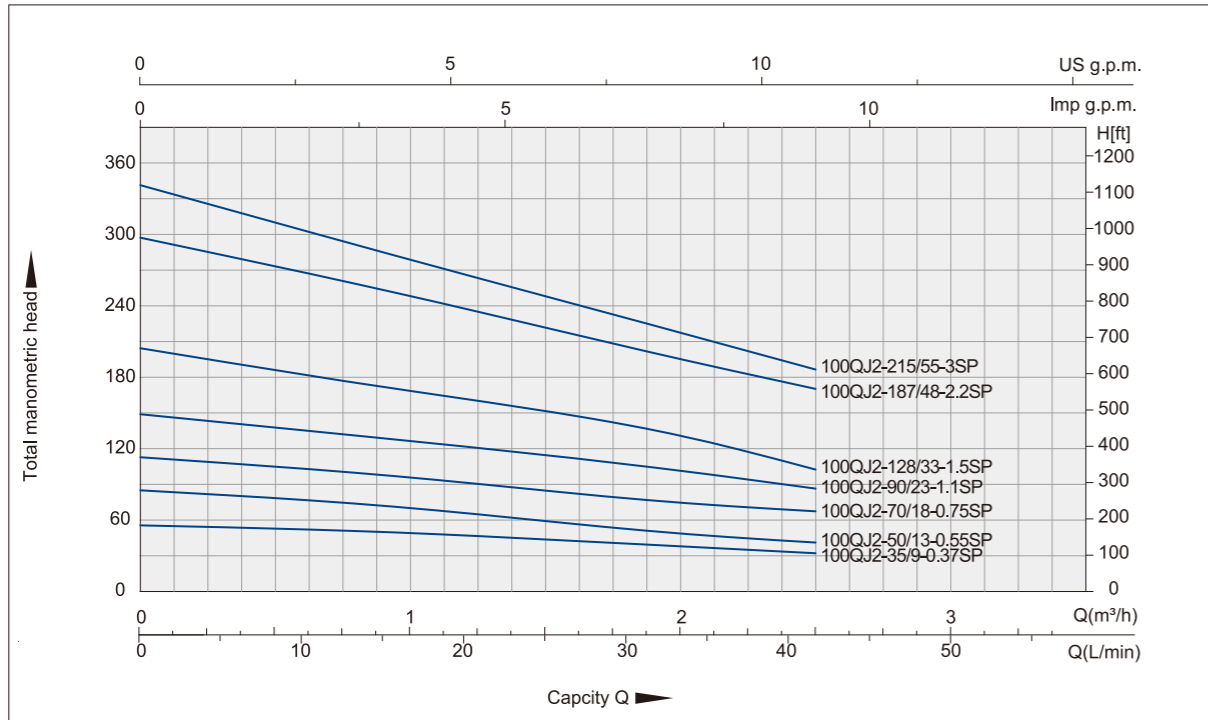
- Maximum fluid temperature up to +40 C
- Maximum sand content: 0.25%
- Maximum immersion: 80m
- Minimum well diameter: 4"/6"

### MODEL INSTRUSTION



Component	Material	Component	Material
Pump external casing	① AISI 304 SS ② AISI 201 SS	Motor external casing	① AISI 304 SS ② AISI 201 SS
Pump outlet	AISI 304 SS	Upper bearing seat	Cast-Cu ② Cast-iron
Pump inlet	AISI 304 SS	Bottom bearing seat	HT200
Diffuser	AISI 304 SS	Mechanical seal	Ceramics-graphite
Diffuser cover	AISI 304 SS	Bottom cover	AISI 304 SS
Impeller	AISI 304 SS	Shaft	① AISI 304 SS ② 2Cr13
Shaft	AISI 304 SS	Bearing	① NSK ② C&U
Shaft coupling	① AISI 304 SS ② 2Cr13	Seal lubricant oil	10# food-grade lubricant oil

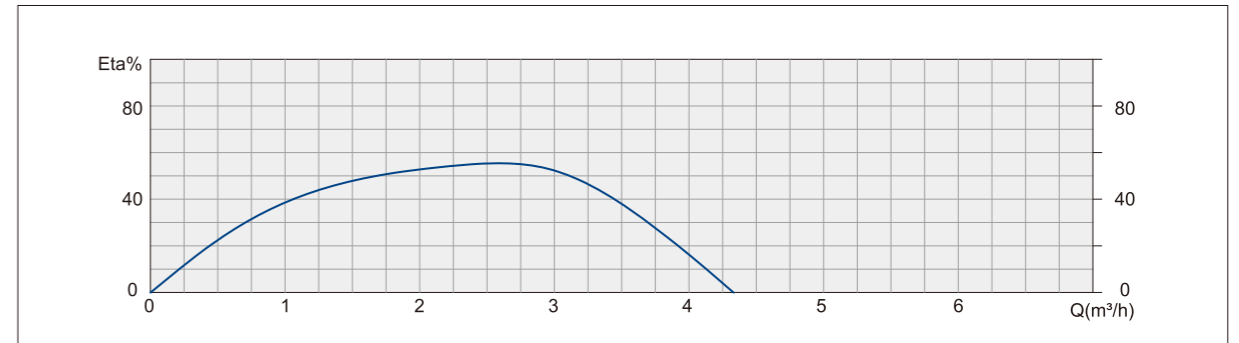
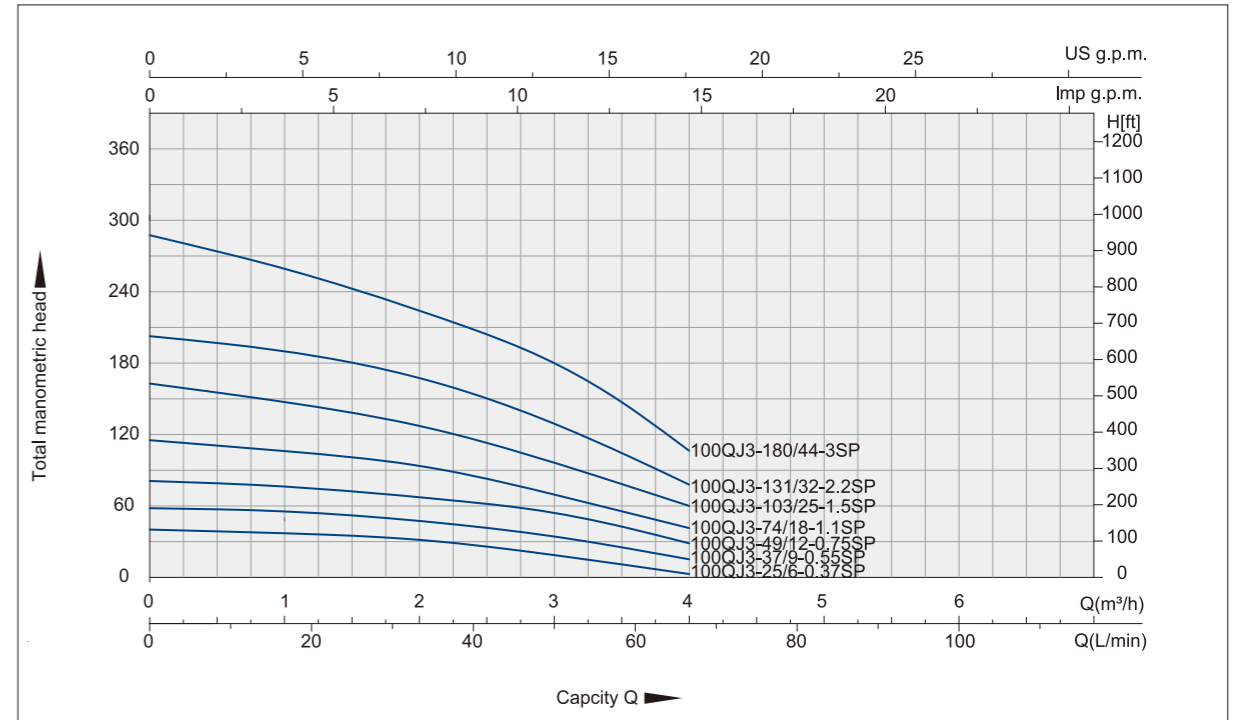
### PERFORMANCE CURVES



### TECHNICAL TABLE n=3000 r/min

Model		Motor		Capacity				Cylinder packing Dimension(mm)		
Single phase 220-240V/50Hz	Three phase 380-415V/50Hz	Power		Q(m³/h)	0	1.5	2	2.5	Single phase	Three phase
		(kW)	(HP)	l/min	0	25	33	42		
100QJD2-35/9-0.37SP	100QJ2-35/9-0.37SP	0.37	0.5	H (m)	55	45	35	30	775x110x110	725x110x110
100QJD2-50/13-0.55SP	100QJ2-50/13-0.55SP	0.55	0.75		80	64	50	44	900x110x110	850x110x110
100QJD2-70/18-0.75SP	100QJ2-70/18-0.75SP	0.75	1		110	89	70	66	1050x110x110	950x110x110
100QJD2-90/23-1.1SP	100QJ2-90/23-1.1SP	1.1	1.5		141	114	90	77	1175x110x110	1075x110x110
100QJD2-128/33-1.5SP	100QJ2-128/33-1.5SP	1.5	2		202	163	128	111	1450x110x110	1350x110x110
100QJD2-187/48-2.2SP	100QJ2-187/48-2.2SP	2.2	3		294	237	187	161	2050x110x110	1800x110x110
	100QJ2-215/55-3SP	3	4		336	272	215	185	-	-

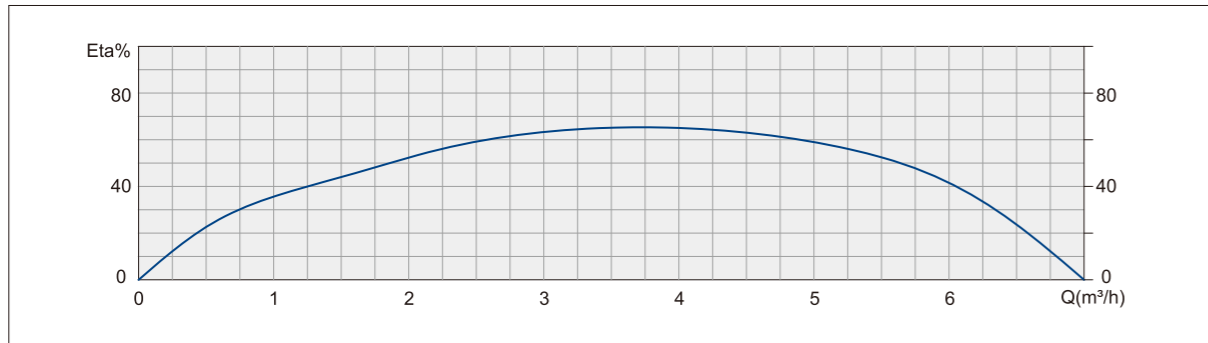
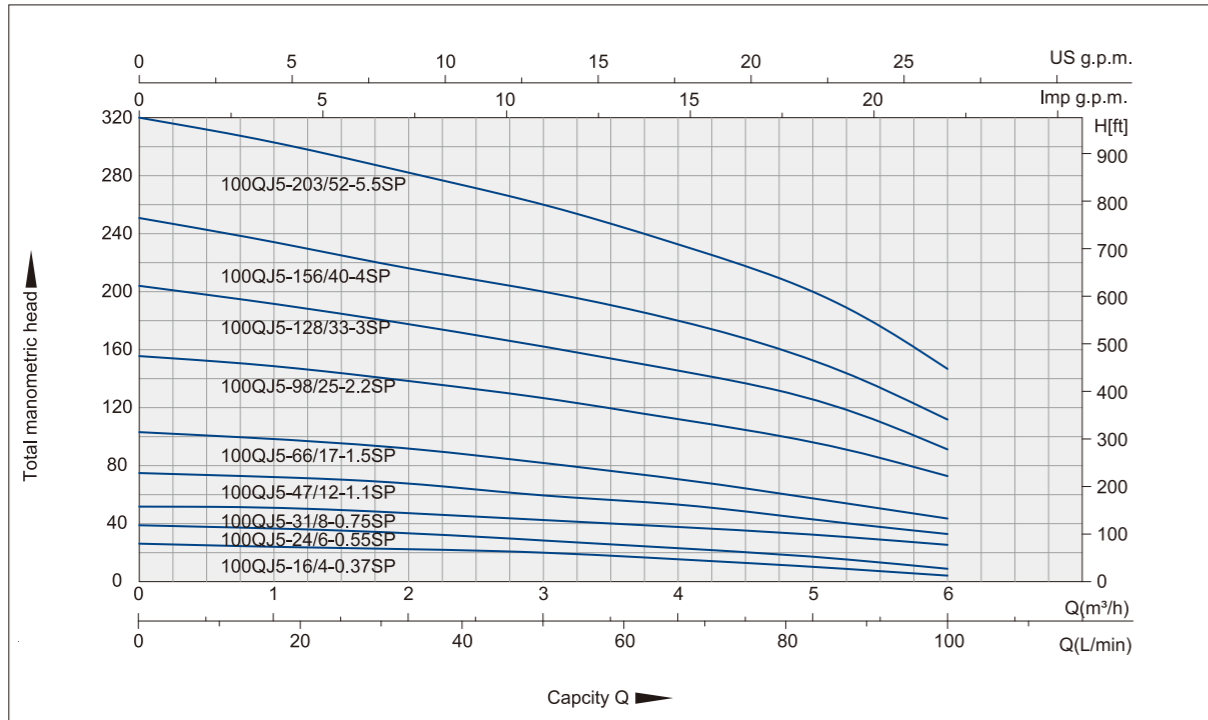
### PERFORMANCE CURVES



### TECHNICAL TABLE n=3000 r/min

Model		Motor		Capacity					Cylinder packing Dimension(mm)		
Single phase 220-240V/50Hz	Three phase 380-415V/50Hz	Power		Q(m³/h)	0	1	2	3	4	Single phase	Three phase
		(kW)	(HP)	l/min	0	17	33	50	67		
100QJD3-25/6-0.37SP	100QJ3-25/6-0.37SP	0.37	0.5	H (m)	38	34	31	25	14	725x110x110	675x110x110
100QJD3-37/9-0.55SP	100QJ3-37/9-0.55SP	0.55	0.75		57	51	46	37	22	800x110x110	750x110x110
100QJD3-49/12-0.75SP	100QJ3-49/12-0.75SP	0.75	1		76	69	61	49	29	900x110x110	800x110x110
100QJD3-74/18-1.1SP	100QJ3-74/18-1.1SP	1.1	1.5		113	103	92	74	43	1075x110x110	975x110x110
100QJD3-103/25-1.5SP	100QJ3-103/25-1.5SP	1.5	2		158	143	128	103	60	1300x110x110	1200x110x110
100QJD3-131/32-2.2SP	100QJ3-131/32-2.2SP	2.2	3		202	183	163	131	77	1525x110x110	1325x110x110
	100QJ3-180/44-3SP	3	4		277	251	224	180	106	-	-

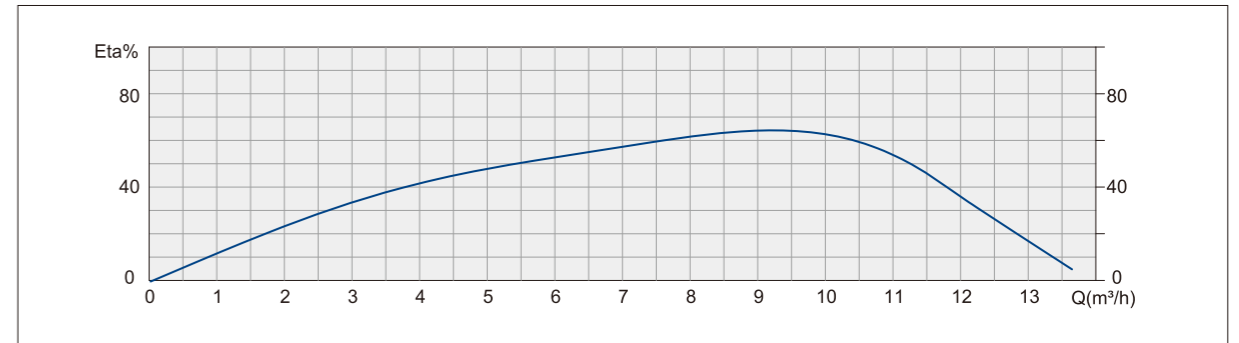
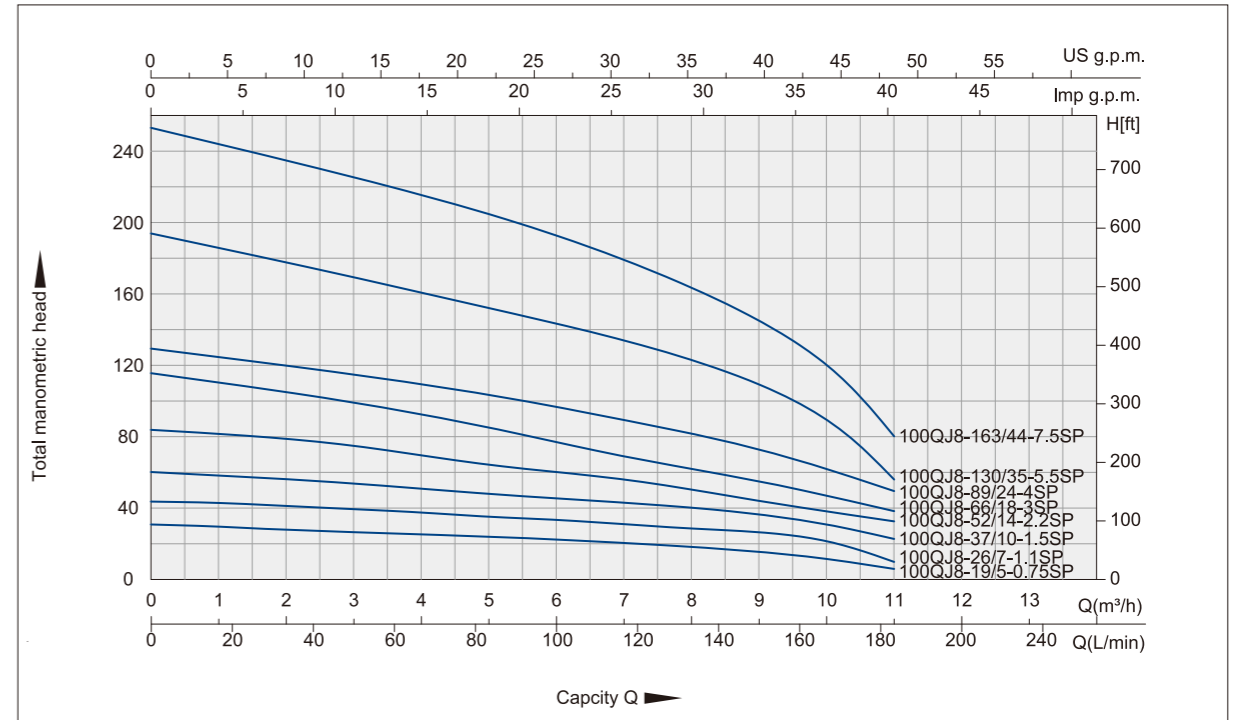
### PERFORMANCE CURVES



### TECHNICAL TABLE n=3000 r/min

Model	Motor Power (kW) (HP)	Capacity					Cylinder packing Dimension(mm)	
		Q(m³/h)	0	3	4	5	6	Single phase
100QJD5-16/4-0.37SP	0.37 0.5	25	20	18	16	12	700x110x110	650x110x110
100QJD5-24/6-0.55SP	0.55 0.75	38	30	27	24	17	750x110x110	700x110x110
100QJD5-31/8-0.75SP	0.75 1	50	40	36	31	23	850x110x110	750x110x110
100QJD5-47/12-1.1SP	1.1 1.5	76	59	54	47	34	1000x110x110	900x110x110
100QJD5-66/17-1.5SP	1.5 2	107	84	76	66	48	1175x110x110	1075x110x110
100QJD5-98/25-2.2SP	2.2 3	158	124	112	98	72	1450x110x110	1250x110x110
100QJ5-128/33-3SP	3 4	208	163	148	128	91		1640x110x110
100QJ5-156/40-4SP	4 5.5	252	198	179	156	110		1870x110x110
100QJ5-203/52-5.5SP	5.5 7.5	326	260	234	203	146		2290x110x110

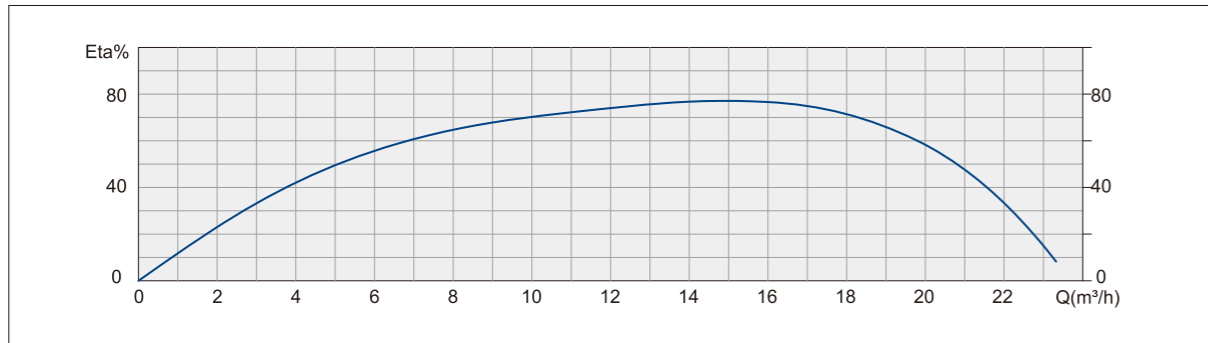
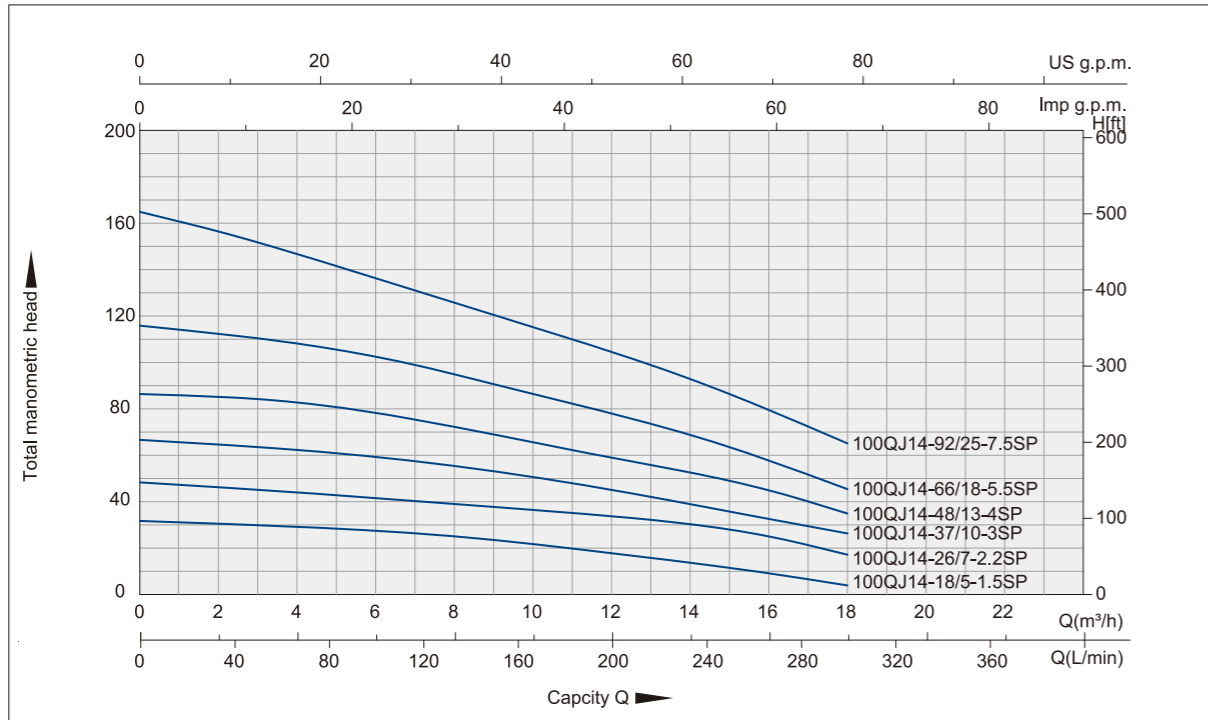
### PERFORMANCE CURVES



### TECHNICAL TABLE n=3000 r/min

Model	Motor Power (kW) (HP)	Capacity						Cylinder packing Dimension(mm)	
		Q(m³/h)	0	3	5	8	10	11	Single phase
100QJD8-19/5-0.75SP	0.75 1	30	26	24	19	16	10	925x110x110	825x110x110
100QJD8-26/7-1.1SP	1.1 1.5	42	36	33	26	22	14	1050x110x110	950x110x110
100QJD8-37/10-1.5SP	1.5 2	60	52	50	37	32	21	1250x110x110	1150x110x110
100QJD8-52/14-2.2SP	2.2 3	84	72	66	52	43	29	1550x110x110	1350x110x110
100QJ8-66/18-3SP	3 4	108	93	85	66	54	37		1660x110x110
100QJ8-89/24-4SP	4 5.5	126	108	100	89	65	43		1995x110x110
100QJ8-130/35-5.5SP	5.5 7.5	190	178	160	130	90	54		2565x110x110
100QJ8-163/44-7.5SP	7.5 10	252	232	205	163	120	79		3150x110x110

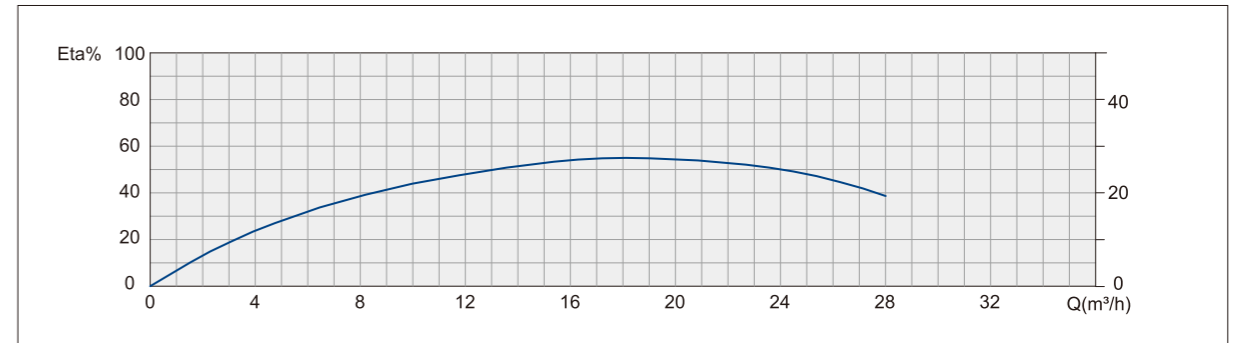
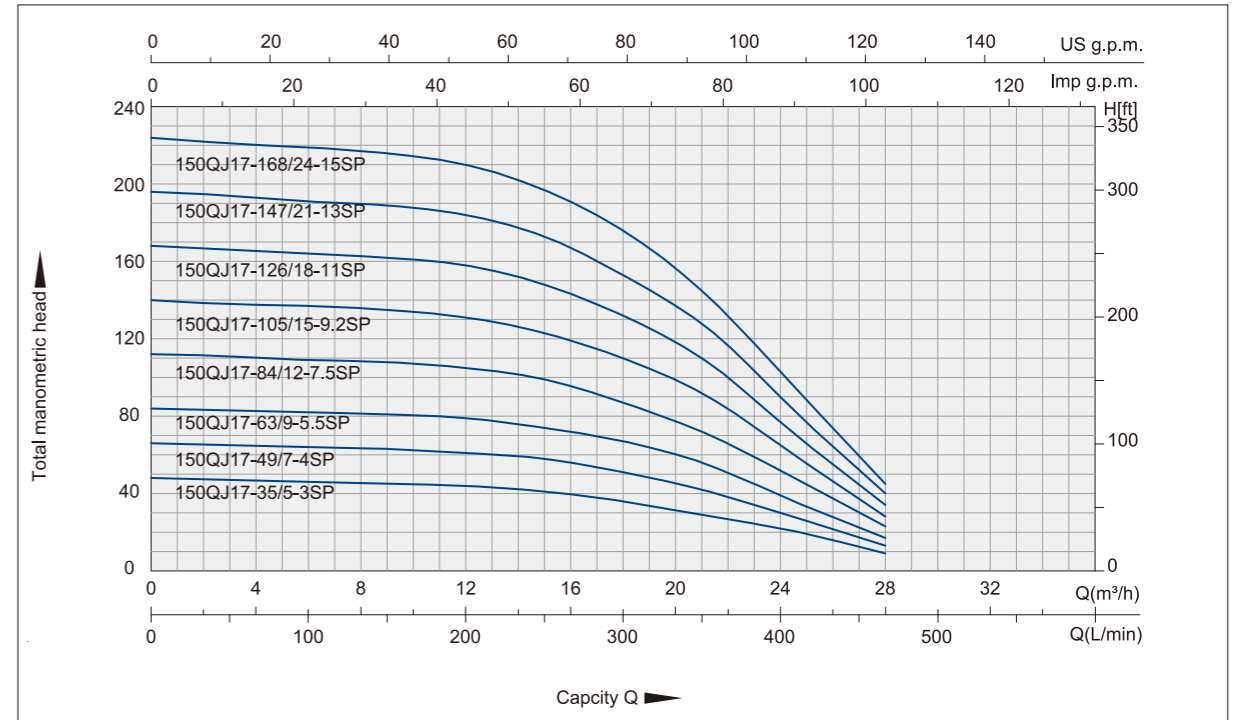
### PERFORMANCE CURVES



### TECHNICAL TABLE n=3000 r/min

Model	Motor Power (kW) (HP)	Capacity						Cylinder packing Dimension(mm)	
		Q(m³/h)	0	5	10	14	16	18	Single phase
100QJD14-18/5-1.5SP	1.5 2	0	83	167	133	267	300	1025x110x110	925x110x110
100QJD14-26/7-2.2SP	2.2 3	0	46	45	39	26	23	1200x110x110	1000x110x110
100QJ14-37/10-3SP	3 4	0	66	64	55	37	32	1315x110x110	
100QJ14-48/13-4SP	4 5.5	0	86	83	73	48	42	1520x110x110	
100QJ14-66/18-5.5SP	5.5 7.5	0	119	115	101	66	58	1875x110x110	
100QJ14-92/25-7.5SP	7.5 10	0	165	160	140	92	80	2275x110x110	

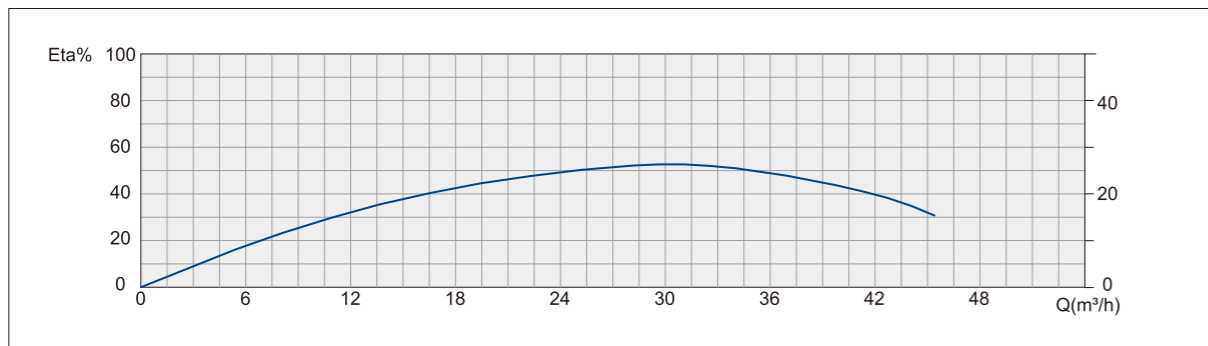
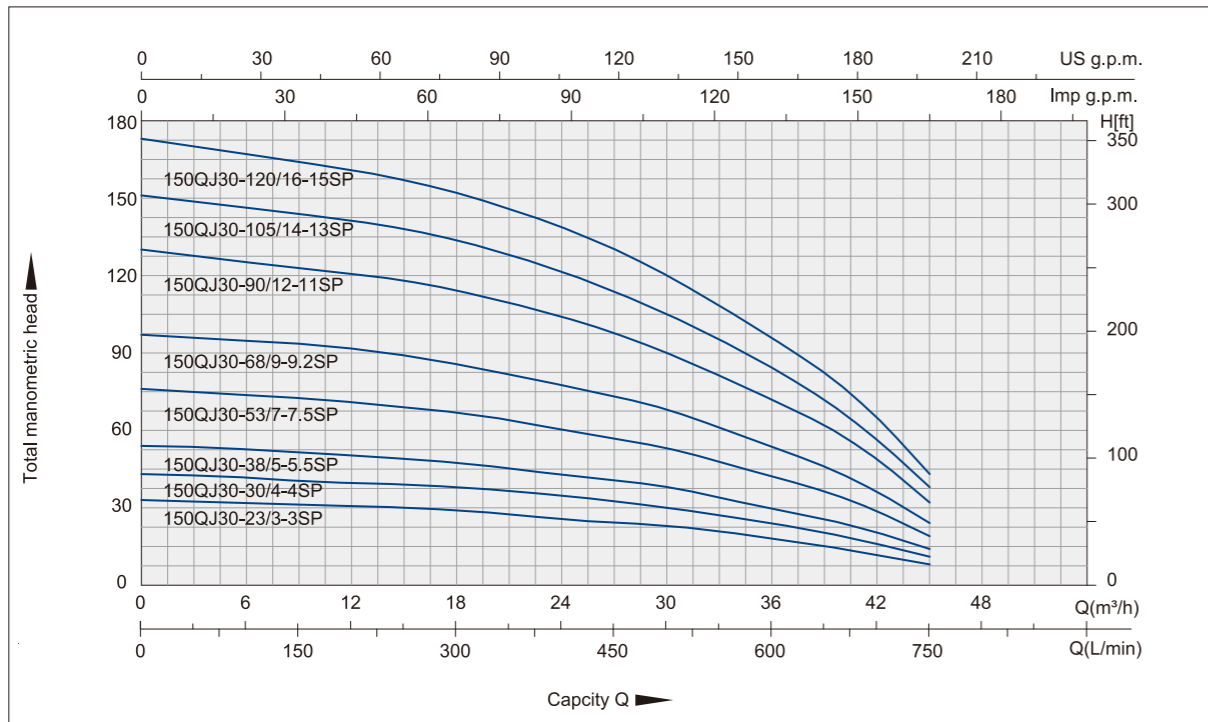
### PERFORMANCE CURVES



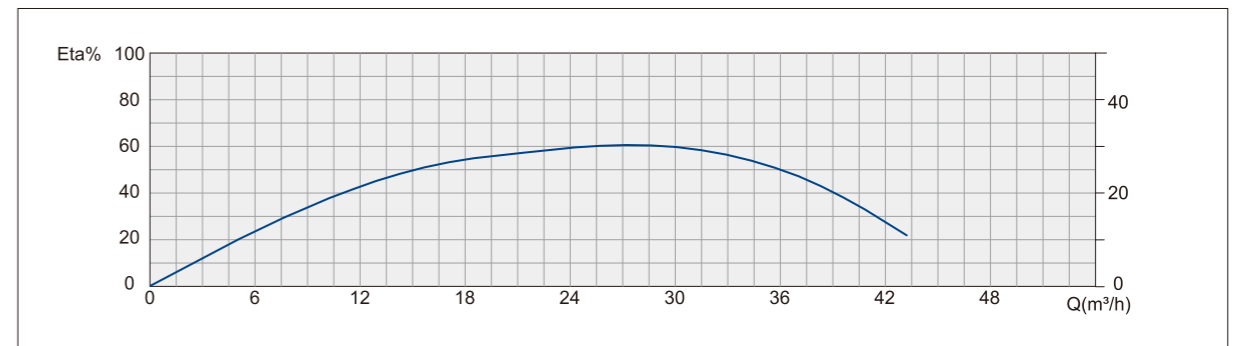
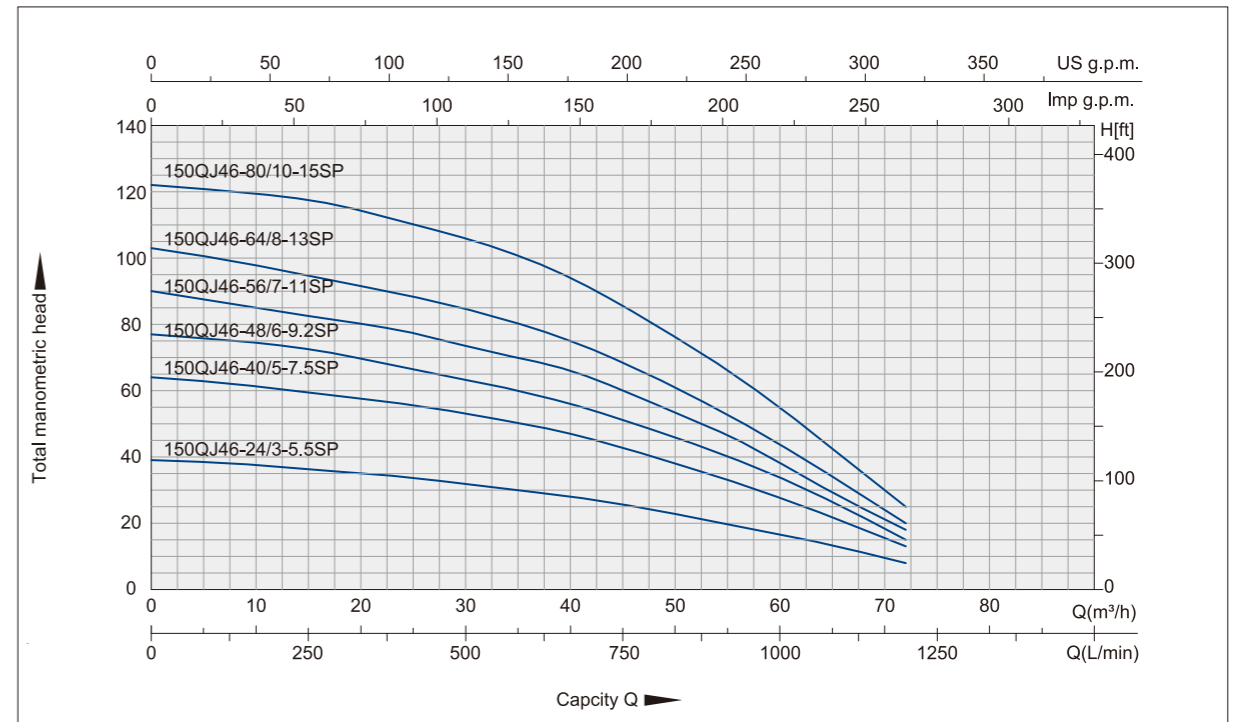
### TECHNICAL TABLE n=3000 r/min

Model	Motor Power (kW) (HP)	Capacity										Cylinder packing Dimension(mm)	
		Q(m³/h)	0	3	6	9	12	15	18	21	24		28
150QJ17-35/5-3SP	3 4	0	48	47	46	45	44	41	34	29	22	9	1190x160x160
150QJ17-49/7-4SP	4 5.5	0	66	65	64	63	61	58	48	40	30	13	1275x160x160
150QJ17-63/9-5.5SP	5.5 7.5	0	84	83	82	81	79	74	62	52	39	17	1425x160x160
150QJ17-84/12-7.5SP	7.5 10.2	0	112	111	109	108	105	99	83	69	52	23	1620x160x160
150QJ17-105/15-9.2SP	9.2 12.5	0	140	138	137	135	131	123	104	87	65	28	1830x160x160
150QJ17-126/18-11SP	11 15	0	168	166	164	162	158	148	125	104	77	34	2015x160x160
150QJ17-147/21-13SP	13 17.7	0	196	194	191	189	184	173	146	121	90	40	2205x160x160
150QJ17-168/24-15SP	15 20.4	0	224	221	219	216	210	197	167	139	103	45	2390x160x160

PERFORMANCE CURVES



PERFORMANCE CURVES



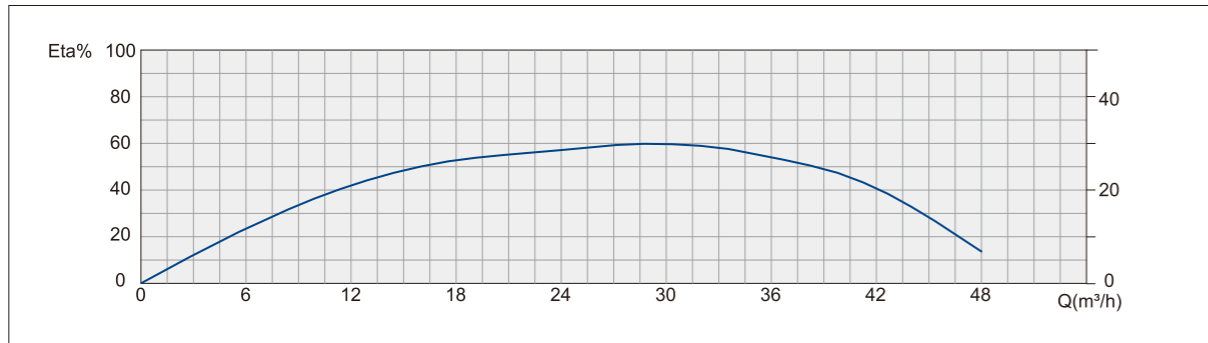
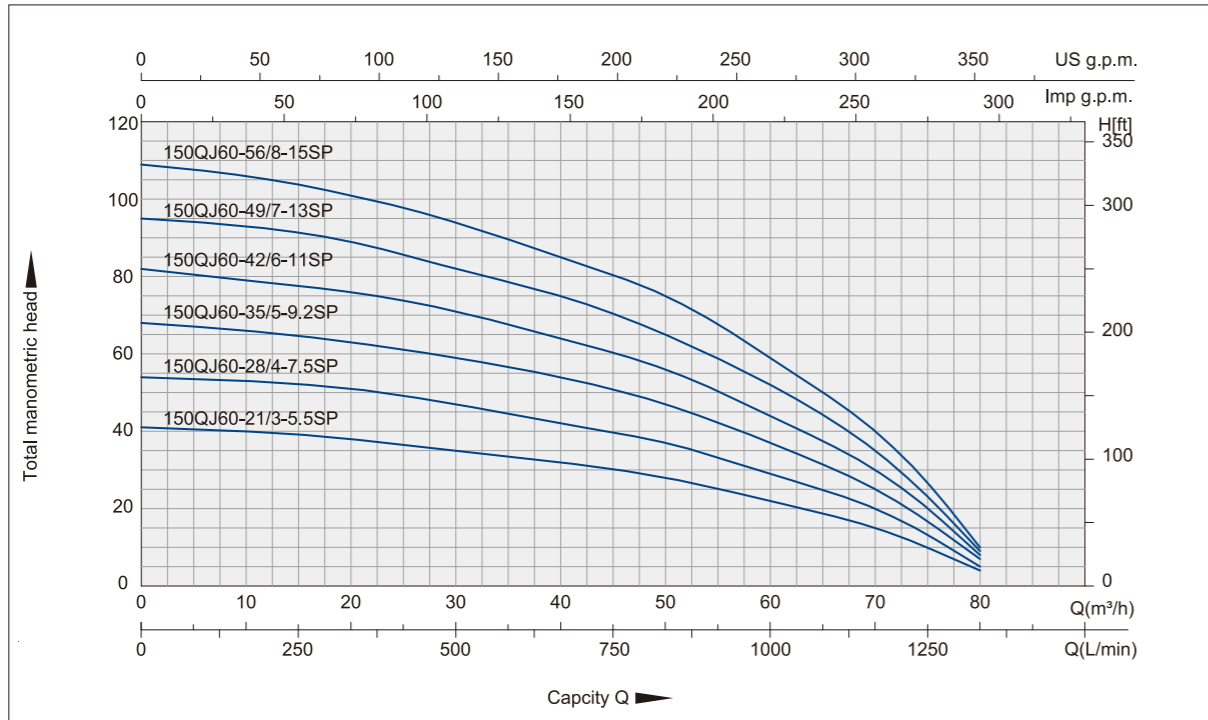
TECHNICAL TABLE n=3000 r/min

Model	Motor		Capacity											Cylinder packing Dimension(mm)
	Power		Q(m³/h)	0	5	10	15	20	25	30	35	40	45	
Single phase 220-240V/50Hz	(kW)	(HP)	l/min	0	83.3	166.7	250	333.3	416.6	500	583.3	666.6	750	Single phase
150QJ30-23/3-3SP	3	4	H (m)	33	32	31	30	28	25	23	19	14	8	1230x160x160
150QJ30-30/4-4SP	4	5.5		43	42	40	39	37	34	30	25	19	11	1320x160x160
150QJ30-38/5-5.5SP	5.5	7.5		54	53	50	49	46	42	38	31	24	14	1460x160x160
150QJ30-53/7-7.5SP	7.5	10.2		76	74	70	69	65	59	53	44	34	19	1690x160x160
150QJ30-68/9-9.2SP	9.2	12.5		97	95	90	89	83	76	68	56	43	24	1950x160x160
150QJ30-90/12-11SP	11	15		130	126	119	118	111	102	90	75	58	32	2265x160x160
150QJ30-105/14-13SP	13	17.7		151	147	139	138	130	119	105	88	67	38	2495x160x160
150QJ30-120/16-15SP	15	20.4		173	168	158	157	148	136	120	100	77	43	2725x160x160

TECHNICAL TABLE n=3000 r/min

Model	Motor		Capacity											Cylinder packing Dimension(mm)
	Power		Q(m³/h)	0	8	16	24	32	40	48	56	64	72	
Single phase 220-240V/50Hz	(kW)	(HP)	l/min	0	133.3	266.6	400	533.3	666.6	800	933.3	1066.6	1200	Single phase
150QJ46-24/3-5.5SP	5.5	7.5	H (m)	39	36	35	33	31	28	23	19	14	8	1350x160x160
150QJ46-40/5-7.5SP	7.5	10.2		64	62	58	55	52	47	39	32	23	13	1620x160x160
150QJ46-48/6-9.2SP	9.2	12.5		77	72	70	67	62	56	47	39	28	15	1915x160x160
150QJ46-56/7-11SP	11	15		90	84	82	78	72	66	55	45	31	18	1970x160x160
150QJ46-64/8-13SP	13	17.7		103	96	93	89	83	75	63	51	36	20	2135x160x160
150QJ46-80/10-15SP	15	20.4		128	120	117	111	104	94	79	64	45	25	2405x160x160

### PERFORMANCE CURVES



### TECHNICAL TABLE n=3000 r/min

Model	Motor		Capacity											Cylinder packing Dimension(mm)
	Power (kW)	(HP)	Q(m³/h)	0	10	20	30	40	50	60	70	80	1333.3	
Single phase 220-240V/50Hz			l/min	0	166.7	266.6	500	666.6	833.3	1000	1166.6	1333.3		
150QJ60-21/3-5.5SP	5.5	7.5	H (m)	41	40	38	35	31	28	21	15	4	1350x160x160	
150QJ60-28/4-7.5SP	7.5	10.2		54	53	50	47	41	37	28	20	5	1510x160x160	
150QJ60-35/5-9.2SP	9.2	12.5		68	66	63	59	52	47	35	25	7	1700x160x160	
150QJ60-42/6-11SP	11	15		82	79	76	70	62	56	42	30	8	1960x160x160	
150QJ60-49/7-13SP	13	17.7		95	93	88	82	73	65	49	35	9	2120x160x160	
150QJ60-56/8-15SP	15	20.4		109	106	101	94	83	75	56	40	10	2185x160x160	













# Dm Series Deep Well Pump



01 SEWAGE DISPOSAL



02 SEWAGE DISPOSAL



03 SEWAGE DISPOSAL

**APPLICATION AREA**

- For water supply from wells or reservoirs
- For domestic use, for civil and industrial applications
- For garden use and irrigation

**ONE YEAR WARRANTY**

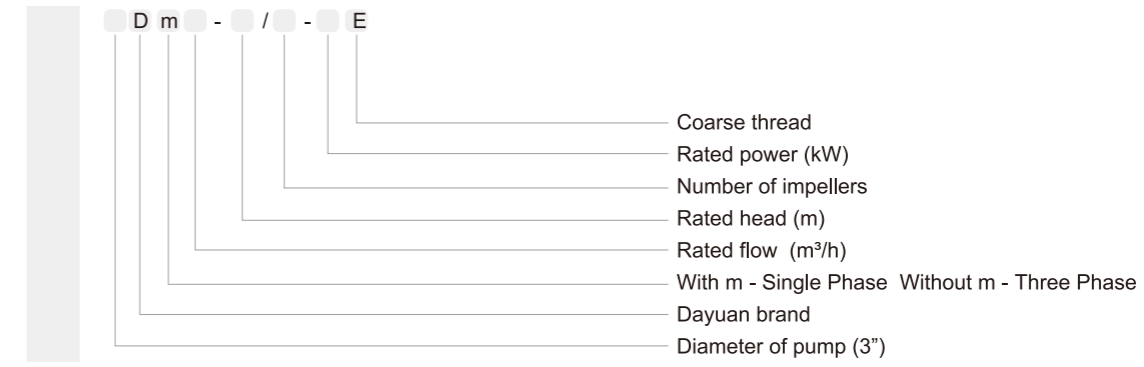
**MOTOR AND PUMP**

- Asynchronous motor / oil-filled motor
- Equipped with start control box or digital auto-control box
- Pumps are designed by casing stressed

**OPERATING LIMITS**

- Maximum fluid temperature up to +40 C
- Maximum sand content: 0.15%
- Maximum immersion: 50m
- Minimum well diameter: 3 3/4"

**MODEL INSTRUSTION**

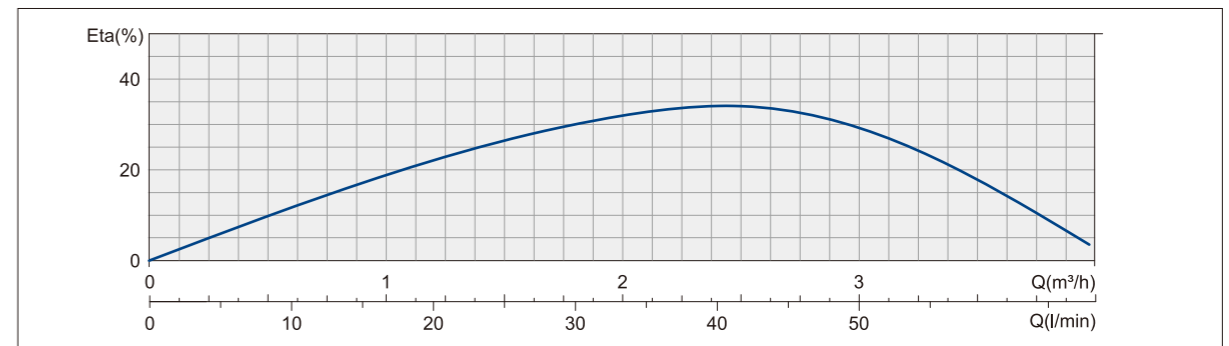
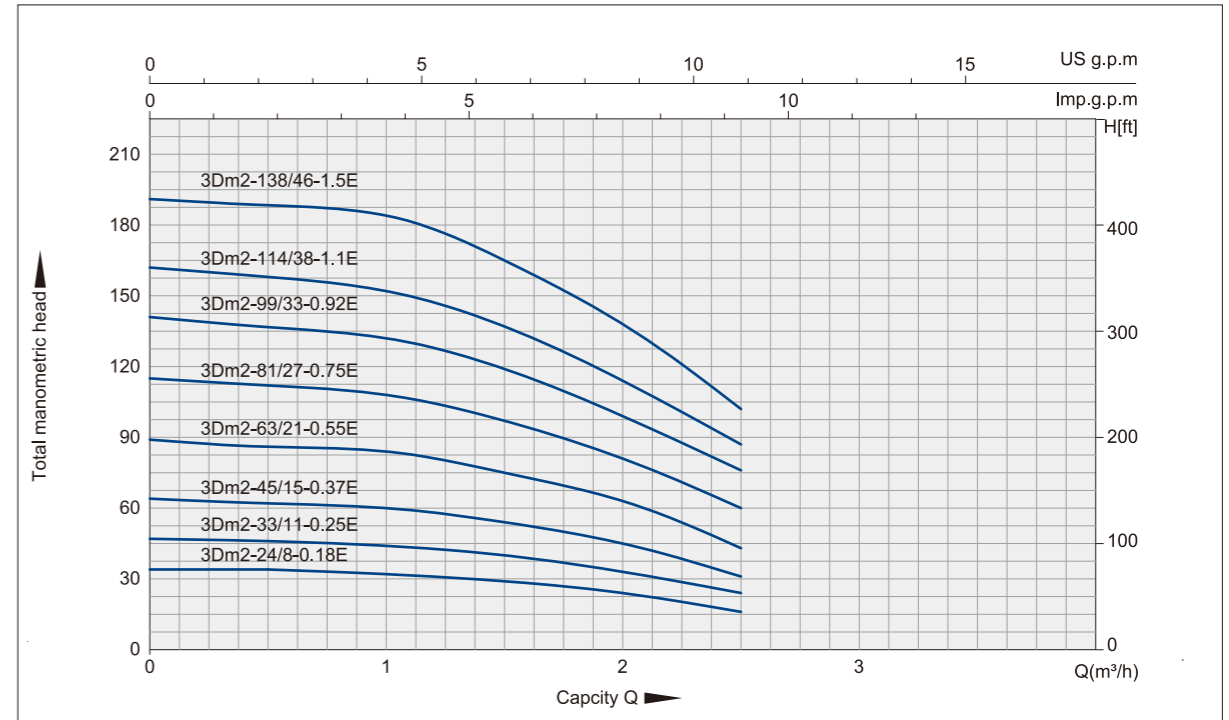


**MODEL ANALYSIS**



Component	Material	Component	Material
Pump external casing	①AISI 304 SS ②AISI 201 SS	Motor external casing	①AISI 304 SS ②AISI 201 SS
Pump outlet	①AISI 304 SS ②HT200 ③Cu HPb57-3	Oil chamber	HT200
Pump inlet	①AISI 304 SS ②HT200 ③Cu HPb57-3	Bottom bearing seat	ADC12
Diffuser	Plastic PC	Mechanical seal	Ceramics-graphite
Diffuser cover	Plastic PC	Bottom cover	AISI 304 SS
Impeller	Plastic POM	Shaft	①AISI 304 SS ②2Cr13
Shaft	①AISI 304 SS ②2Cr13	Bearing	①NSK ②C&U
Shaft coupling	①AISI 304 SS ②2Cr13	Seal lubricant oil	10# food-grade lubricant oil

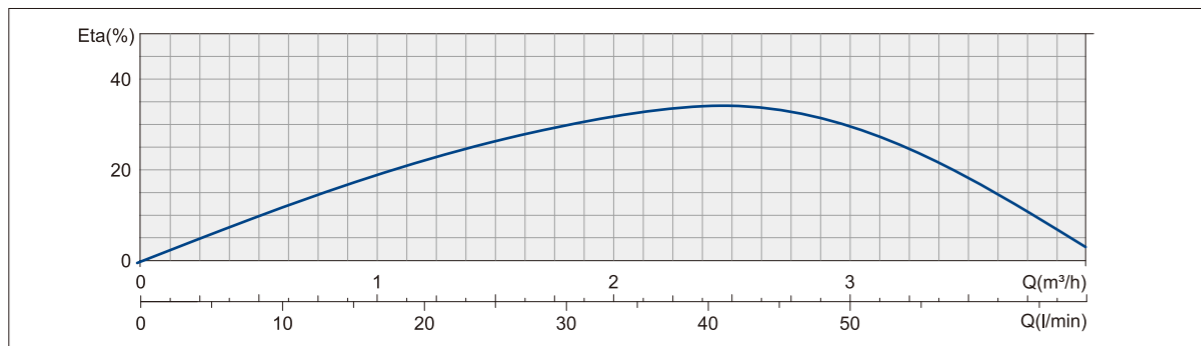
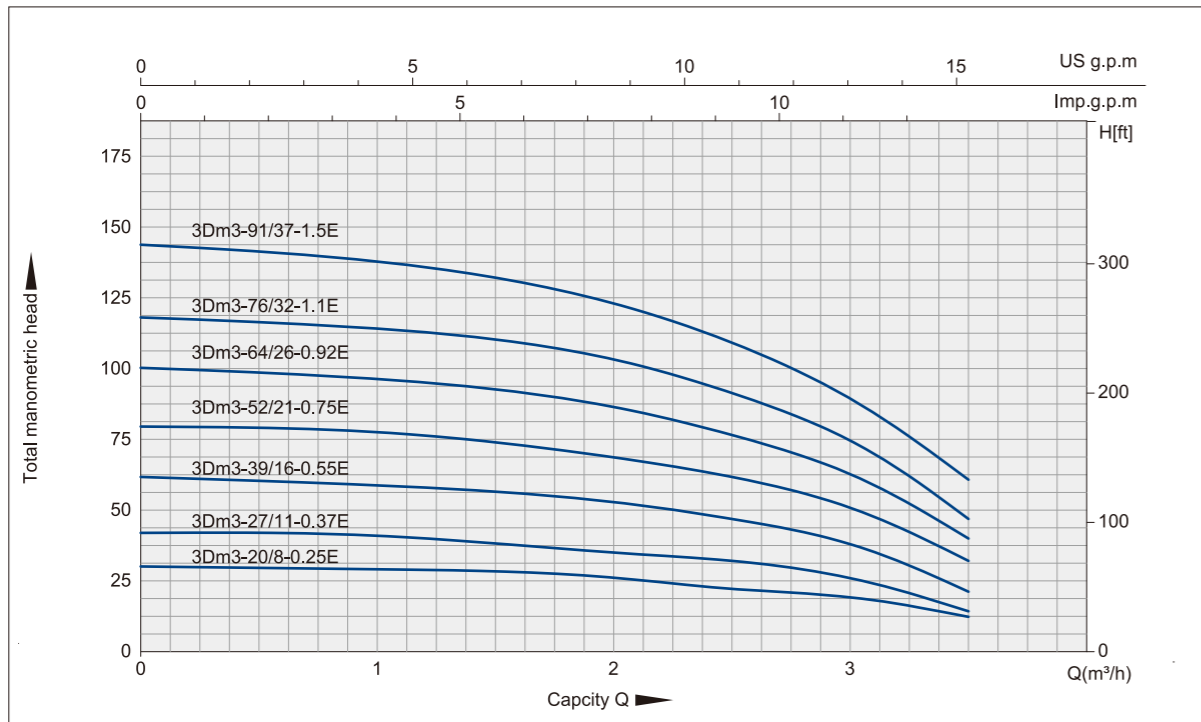
**MODEL ANALYSIS**



**TECHNICAL TABLE n=3000 r/min**

Model	Power		Q(m³/h)						
	(kW)	(HP)	0	0.5	1	1.5	2	2.5	
Single phase 220-240V/50Hz			0	8.3	16.7	25	33.3	41.7	
3Dm2-24/8-0.18E	0.18	0.25	34	34	32	29	24	16	
3Dm2-33/11-0.25E	0.25	0.33	47	46	44	40	33	24	
3Dm2-45/15-0.37E	0.37	0.5	64	62	60	54	45	31	
3Dm2-63/21-0.55E	0.55	0.75	89	86	84	75	63	43	
3Dm2-81/27-0.75E	0.75	1.25	115	112	108	97	81	60	
3Dm2-99/33-0.92E	0.92	1.5	141	136	132	119	99	76	
3Dm2-114/38-1.1E	1.1	1.5	162	158	152	137	114	87	
3Dm2-138/46-1.5E	1.5	2	191	187	184	165	138	102	

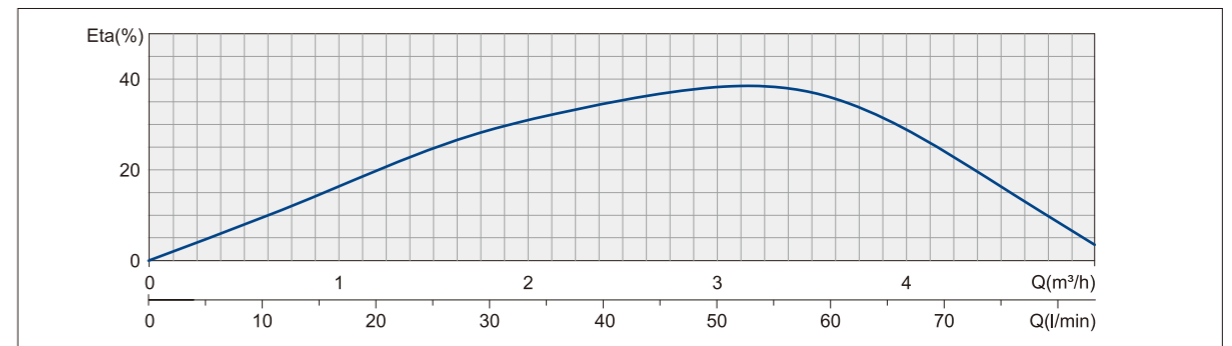
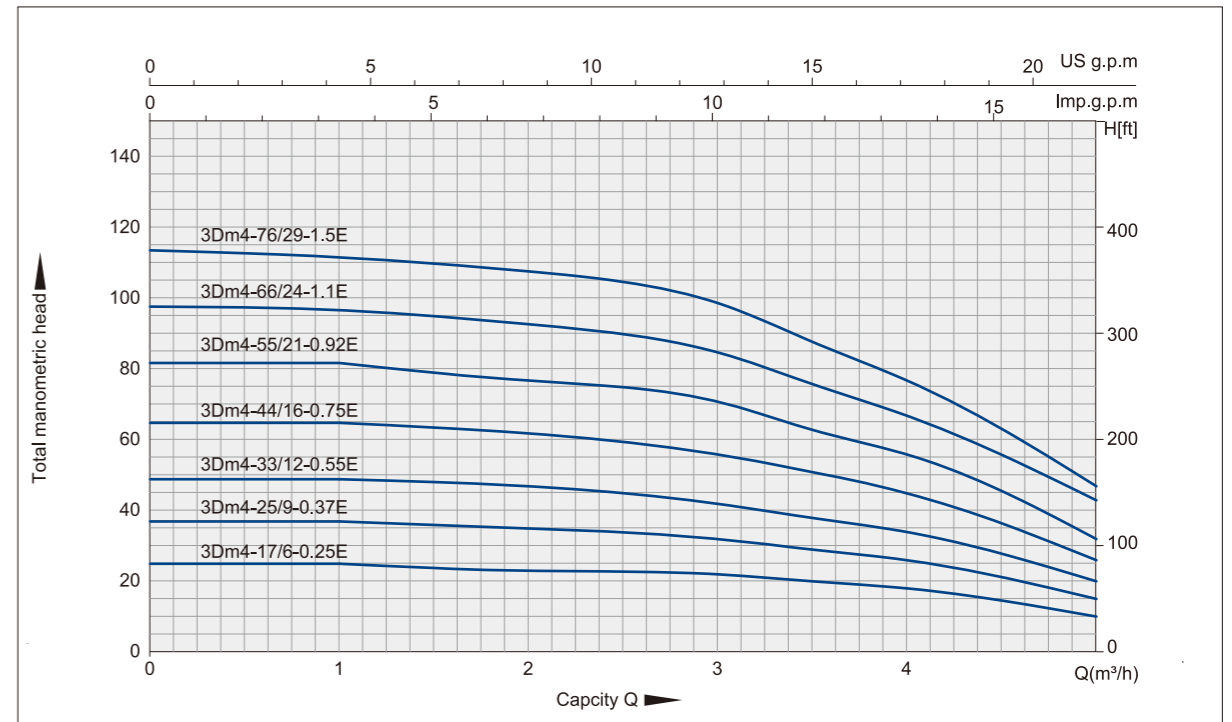
MODEL ANALYSIS



TECHNICAL TABLE n=3000 r/min

Model	Power		Q(m³/h)	Capacity						
	(kW)	(HP)		0	1	2	2.5	3	3.5	
Single phase 220-240V/50Hz			l/min	0	16.7	33.3	41.7	50	58.3	
3Dm3-20/8-0.25E	0.25	0.33	H (m)	31	30	27	23	20	13	
3Dm3-27/11-0.37E	0.37	0.5		43	42	36	33	27	15	
3Dm3-39/16-0.55E	0.55	0.75		63	60	54	48	39	22	
3Dm3-52/21-0.75E	0.75	1.25		81	79	70	63	52	33	
3Dm3-64/26-0.92E	0.92	1.5		102	98	88	78	64	41	
3Dm3-76/32-1.1E	1.1	1.5		120	116	105	93	76	48	
3Dm3-91/37-1.5E	1.5	2		146	140	125	111	91	62	

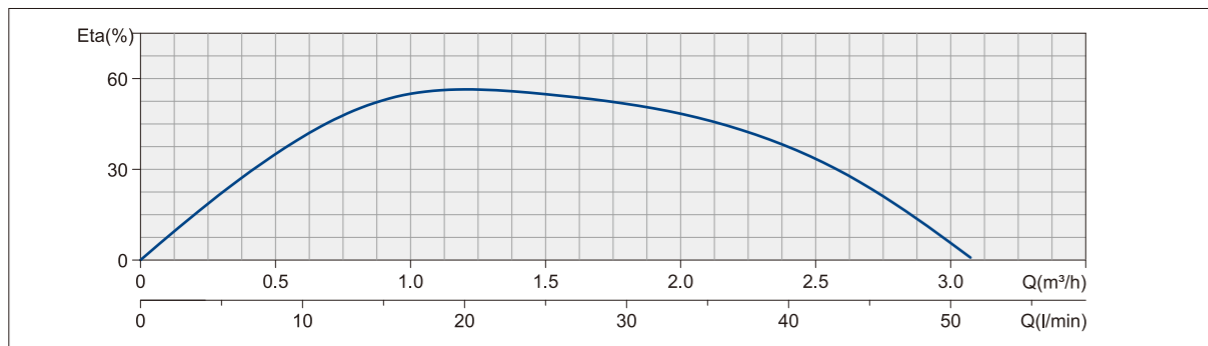
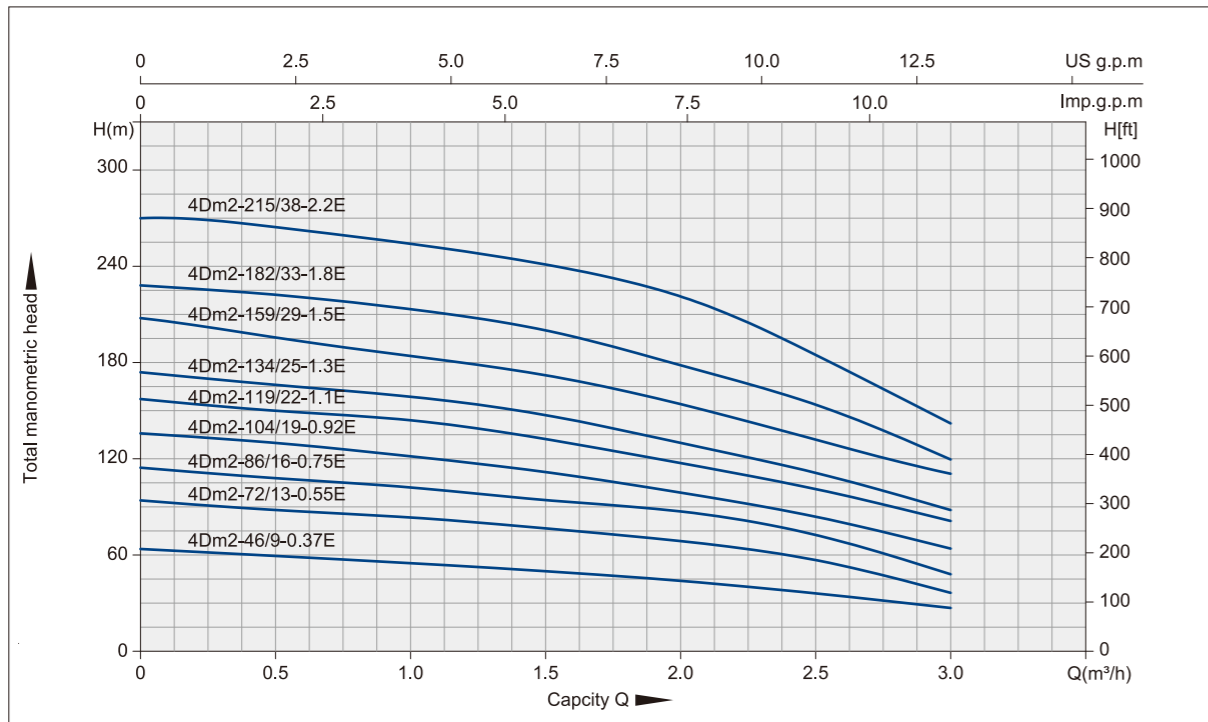
MODEL ANALYSIS



TECHNICAL TABLE n=3000 r/min

Model	Power		Q(m³/h)	Capacity							
	(kW)	(HP)		0	1	2	3	3.5	4	5	
Single phase 220-240V/50Hz			l/min	0	16.7	33.3	50	58.3	66.7	83.3	
3Dm4-17/6-0.25E	0.25	0.33	H (m)	24	24	22	21	19	17	9	
3Dm4-25/9-0.37E	0.37	0.5		36	36	34	31	28	25	14	
3Dm4-33/12-0.55E	0.55	0.75		48	48	46	41	37	33	19	
3Dm4-44/16-0.75E	0.75	1.25		64	64	61	55	50	44	25	
3Dm4-55/21-0.92E	0.92	1.5		81	81	76	70	62	55	31	
3Dm4-66/24-1.1E	1.1	1.5		97	96	92	84	75	66	42	
3Dm4-76/29-1.5E	1.5	2		113	111	107	98	87	76	46	

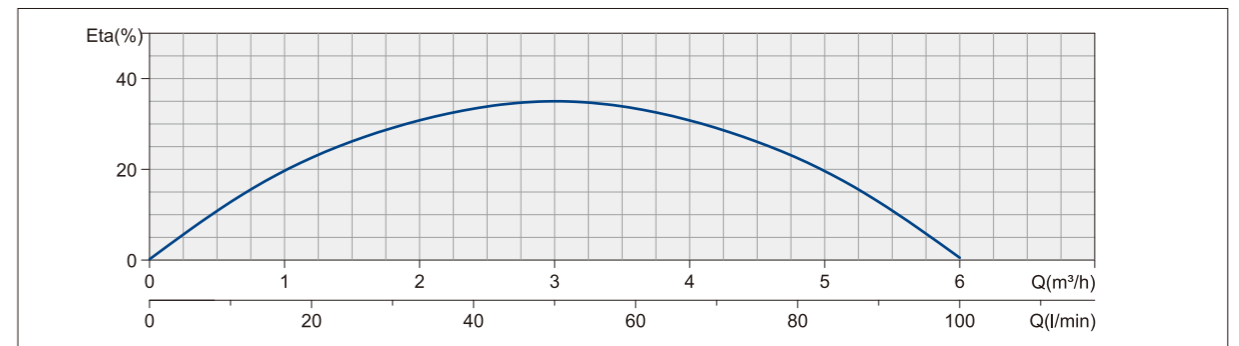
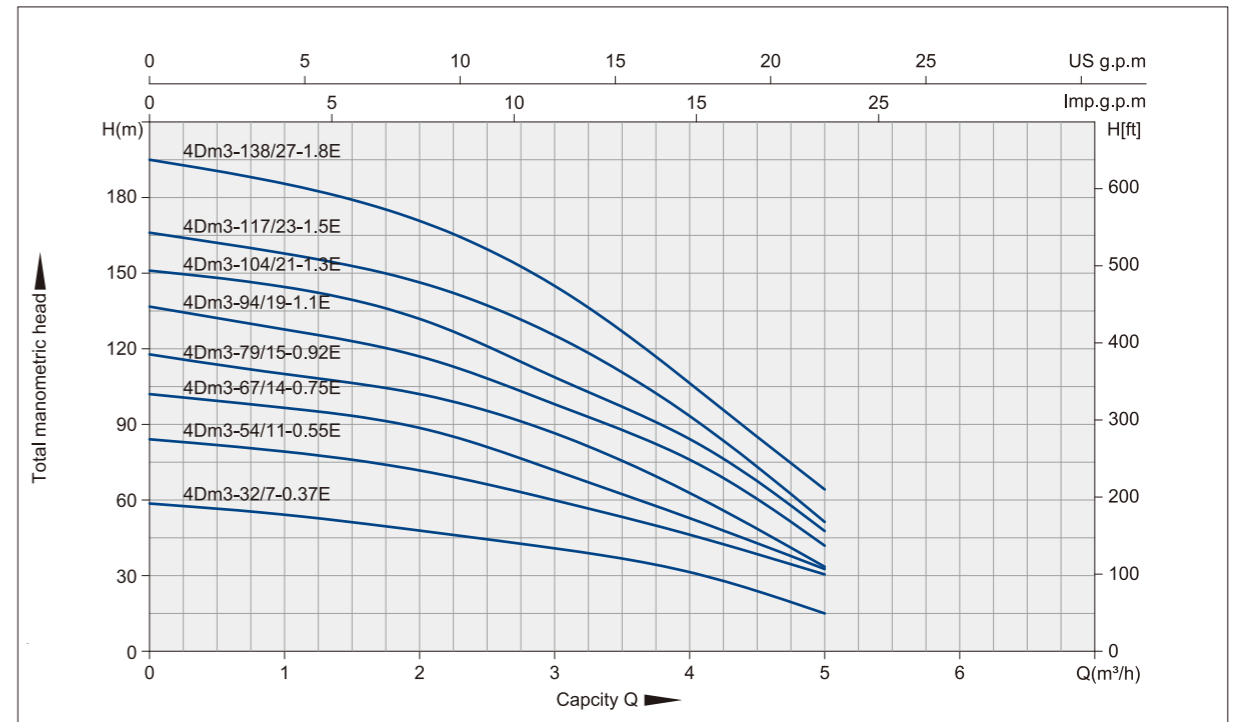
PERFORMANCE CURVES



TECHNICAL TABLE n=3000 r/min

Model	Power (kW)	Power (HP)	Q(m³/h)	0	0.5	1	1.5	2	2.5	3	3.5
Single phase 220-240V/50Hz	Three phase 380-415V/50Hz		l/min	0	8.3	16.7	25	33.3	41.7	50.0	58
4Dm2-46/9-0.37E	4D2-46/9-0.37E	0.37 0.5	H (m)	63	61	58	53	46	40	31	20
4Dm2-72/13-0.55E	4D2-72/13-0.55E	0.55 0.75		93	91	88	81	72	63	49	32
4Dm2-86/16-0.75E	4D2-86/16-0.75E	0.75 1		112	109	105	96	86	75	58	41
4Dm2-104/19-0.92E	4D2-104/19-0.92E	0.92 1.25		137	133	129	117	104	90	71	46
4Dm2-119/22-1.1E	4D2-119/22-1.1E	1.1 1.5		157	152	147	135	119	101	84	57
4Dm2-134/25-1.3E	4D2-134/25-1.3E	1.3 1.75		174	171	163	150	134	113	88	66
4Dm2-159/29-1.5E	4D2-159/29-1.5E	1.5 2		204	199	191	177	159	137	107	79
4Dm2-182/33-1.8E	4D2-182/33-1.8E	1.8 2.5		232	228	220	204	182	156	127	82
4Dm2-215/38-2.2E	4D2-215/38-2.2E	2.2 3		269	265	256	239	215	184	146	96

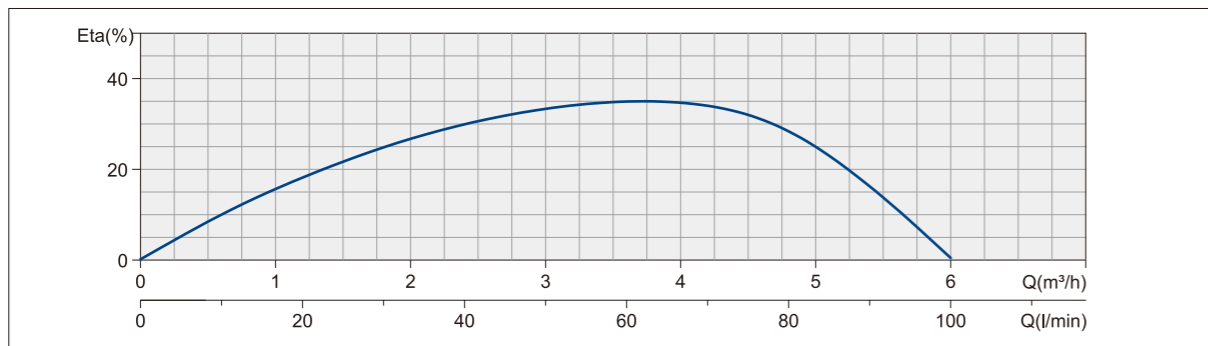
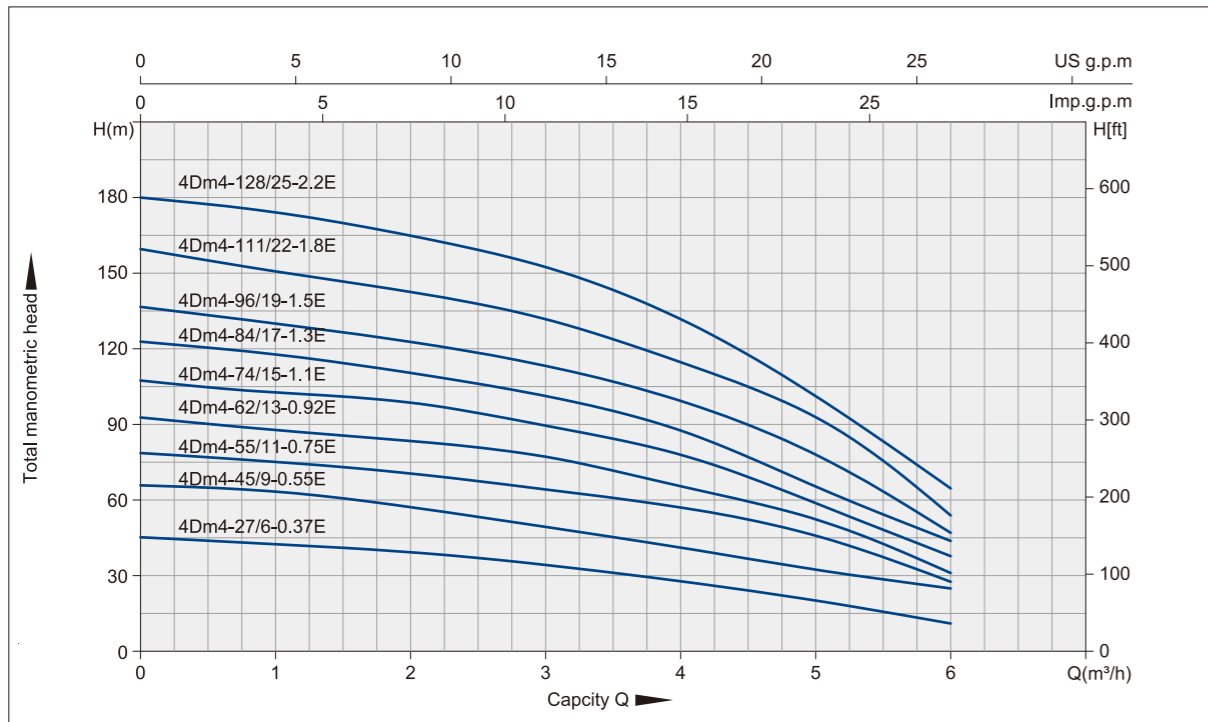
PERFORMANCE CURVES



TECHNICAL TABLE n=3000 r/min

Model	Power (kW)	Power (HP)	Q(m³/h)	0	1	2	3	4	5
Single phase 220-240V/50Hz	Three phase 380-415V/50Hz		l/min	0	17	33	50	67	83
4Dm3-32/7-0.37E	4D3-32/7-0.37E	0.37 0.5	H (m)	46	44	39	32	21	9
4Dm3-54/11-0.55E	4D3-54/11-0.55E	0.55 0.75		74	71	65	54	39	21
4Dm3-67/14-0.75E	4D3-67/14-0.75E	0.75 1		94	90	82	67	48	24
4Dm3-79/15-0.92E	4D3-79/15-0.92E	0.92 1.25		110	104	95	79	55	26
4Dm3-94/19-1.1E	4D3-94/19-1.1E	1.1 1.5		130	124	112	94	66	33
4Dm3-104/21-1.3E	4D3-104/21-1.3E	1.3 1.75		145	138	126	104	74	38
4Dm3-117/23-1.5E	4D3-117/23-1.5E	1.5 2		161	153	141	117	82	43
4Dm3-138/27-1.8E	4D3-138/27-1.8E	1.8 2.5		188	181	166	138	98	52

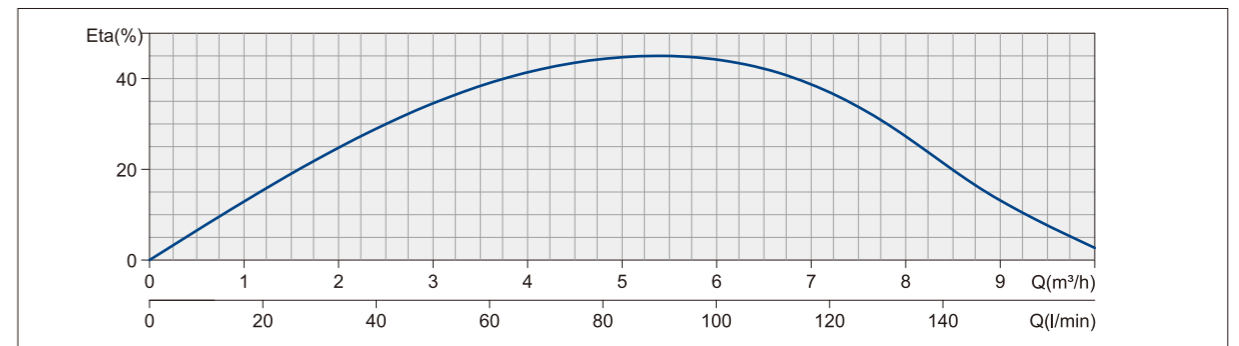
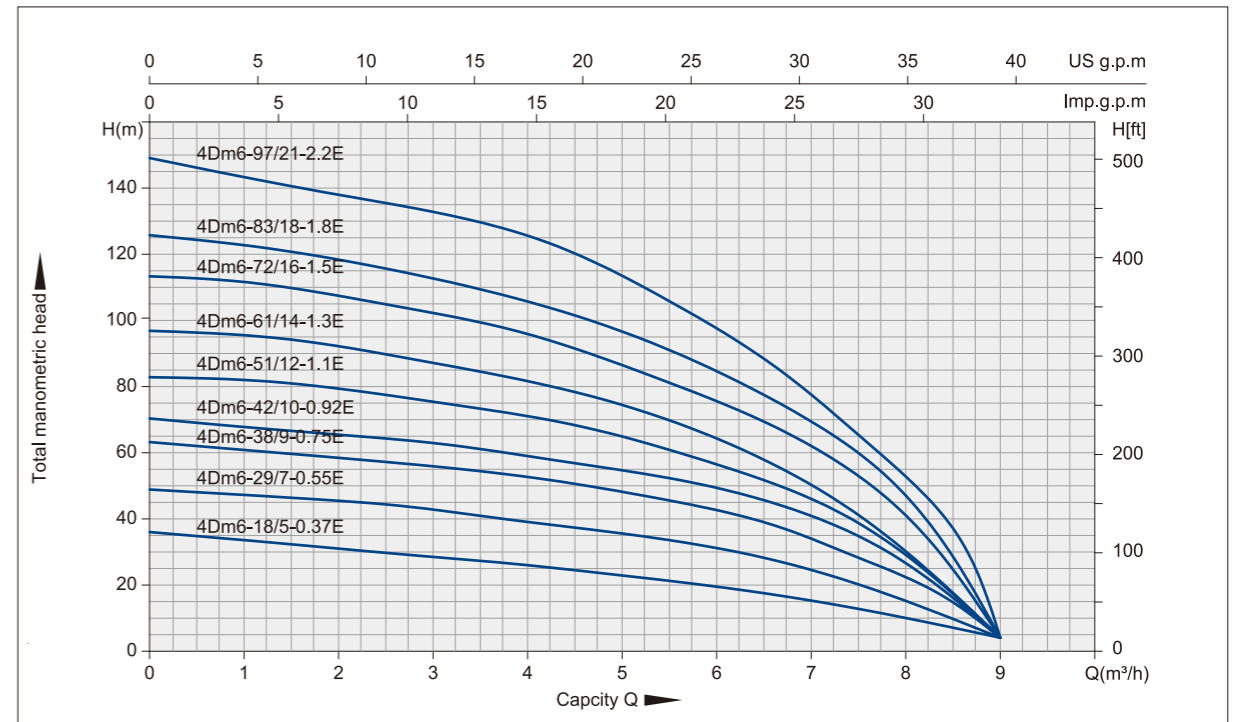
PERFORMANCE CURVES



TECHNICAL TABLE n=3000 r/min

Model	Power (kW)	Power (HP)	Q(m³/h)	0	1	2	3	4	5	6
Single phase 220-240V/50Hz	Three phase 380-415V/50Hz		l/min	0	17	33	50	67	83	100
4Dm4-27/6-0.37E	4D4-27/6-0.37E	0.37 0.5	H (m)	41	39	36	33	27	19	10
4Dm4-45/9-0.55E	4D4-45/9-0.55E	0.55 0.75		64	60	57	53	45	34	21
4Dm4-55/11-0.75E	4D4-55/11-0.75E	0.75 1		78	73	70	65	55	43	27
4Dm4-62/13-0.92E	4D4-62/13-0.92E	0.92 1.25		90	85	81	74	62	47	28
4Dm4-74/15-1.1E	4D4-74/15-1.1E	1.1 1.5		105	100	95	88	74	55	35
4Dm4-84/17-1.3E	4D4-84/17-1.3E	1.3 1.75		121	114	108	99	84	65	40
4Dm4-96/19-1.5E	4D4-96/19-1.5E	1.5 2		134	128	122	112	96	75	46
4Dm4-111/22-1.8E	4D4-111/22-1.8E	1.8 2.5		159	148	141	130	111	88	56
4Dm4-128/25-2.2E	4D4-128/25-2.2E	2.2 3		179	169	163	151	128	99	63

PERFORMANCE CURVES

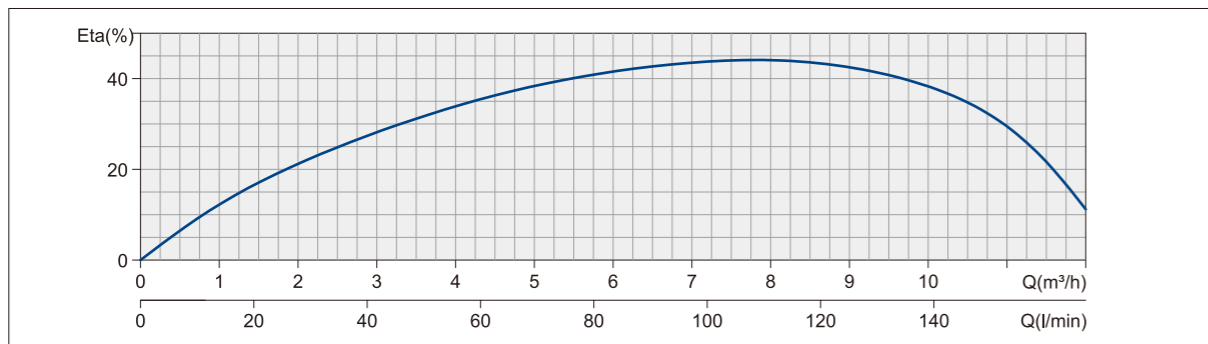
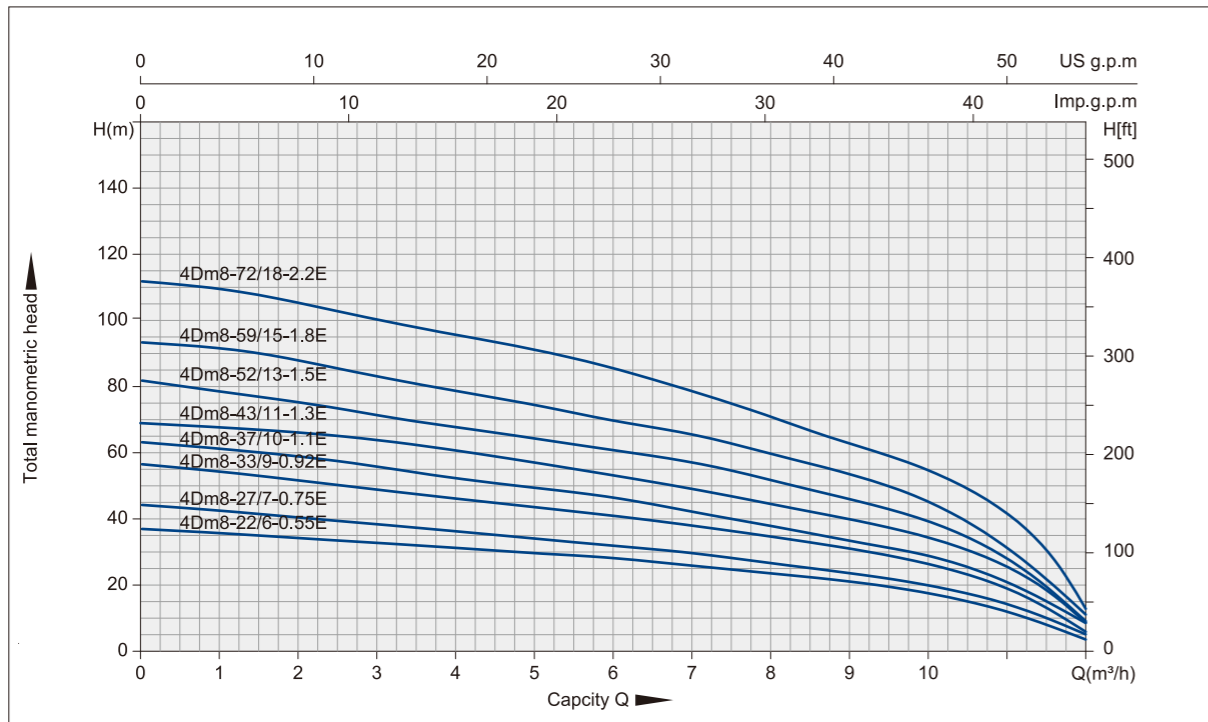


TECHNICAL TABLE n=3000 r/min

Model	Power (kW)	Power (HP)	Q(m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9
Single phase 220-240V/50Hz	Three phase 380-415V/50Hz		l/min	0	20	40	60	80	100	120	140	150
4Dm6-18/5-0.37E	4D6-18/5-0.37E	0.37 0.5	H (m)	33	31	29	27	23	18	12	5	1
4Dm6-29/7-0.55E	4D6-29/7-0.55E	0.55 0.75		47	45	43	40	35	29	21	11	1
4Dm6-38/9-0.75E	4D6-38/9-0.75E	0.75 1		62	58	56	53	47	38	29	18	1
4Dm6-42/10-0.92E	4D6-42/10-0.92E	0.92 1.25		68	64	63	59	52	42	32	20	1
4Dm6-51/12-1.1E	4D6-51/12-1.1E	1.1 1.5		82	78	75	70	62	51	38	22	1
4Dm6-61/14-1.3E	4D6-61/14-1.3E	1.3 1.75		96	92	88	83	74	61	45	29	1
4Dm6-72/16-1.5E	4D6-72/16-1.5E	1.5 2		111	107	103	97	85	72	55	35	1
4Dm6-83/18-1.8E	4D6-83/18-1.8E	1.8 2.5		125	120	116	109	99	83	64	41	1
4Dm6-97/21-2.2E	4D6-97/21-2.2E	2.2 3		147	141	135	129	116	97	75	50	1



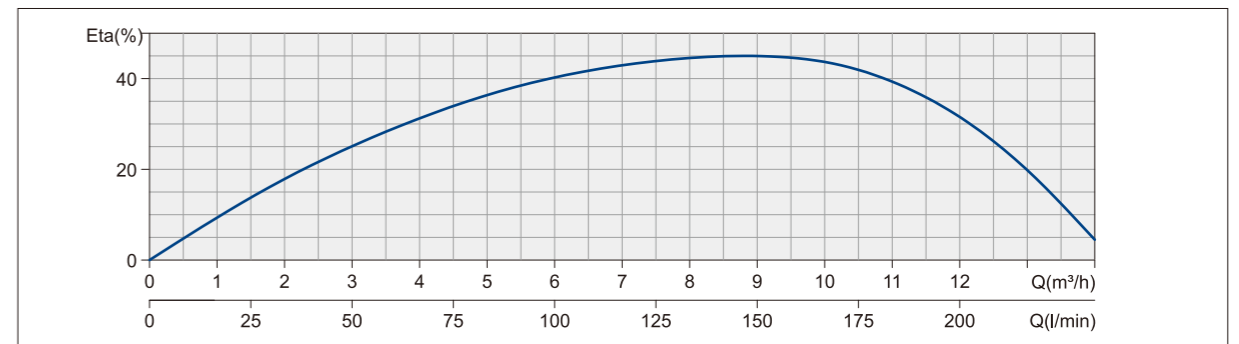
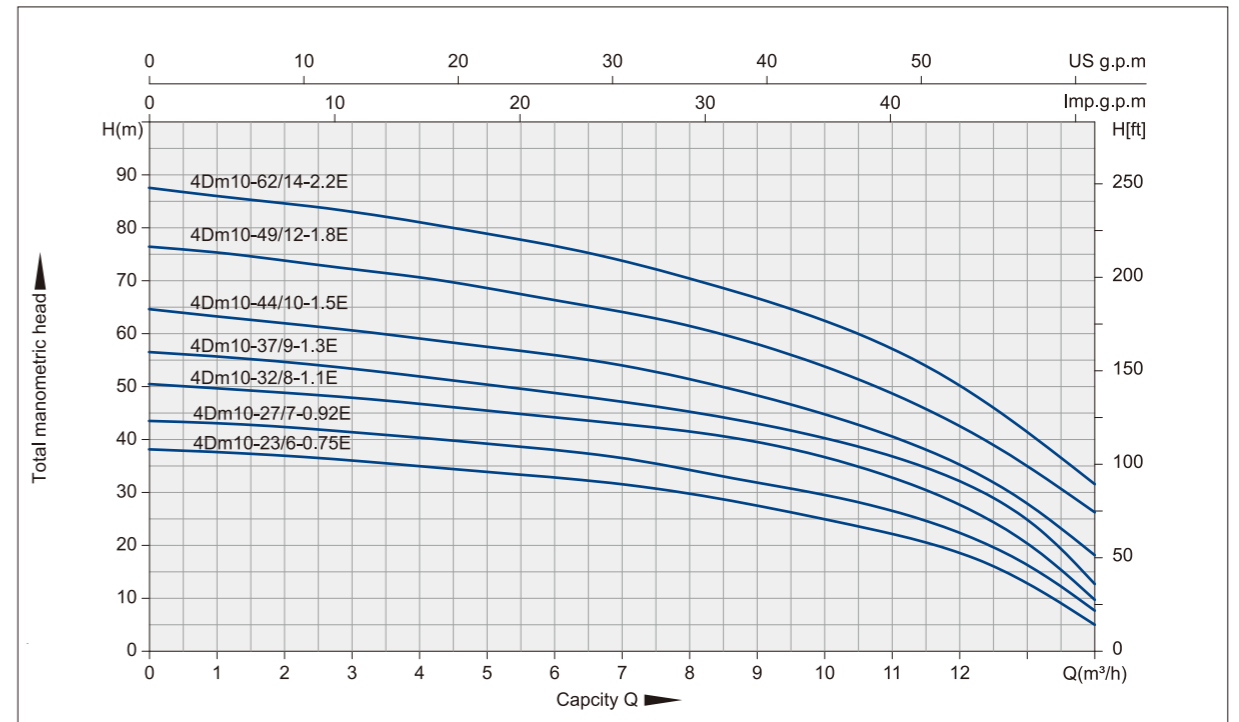
PERFORMANCE CURVES



TECHNICAL TABLE n=3000 r/min

Model	Power (kW) (HP)	Q(m³/h)											
		0	1.2	2.4	3.6	4.8	6	7.2	8	8.4	9.6	10.8	12
4Dm8-22/6-0.55E	0.55 0.75	36	35	33	30	28	27	24	22	21	17	11	2
4Dm8-27/7-0.75E	0.75 1	44	42	40	36	34	32	29	27	24	20	13	5
4Dm8-33/9-0.92E	0.92 1.25	56	55	50	45	43	41	37	33	31	25	17	6
4Dm8-37/10-1.1E	1.1 1.5	62	60	56	51	48	46	41	37	35	30	20	8
4Dm8-43/11-1.3E	1.3 1.75	69	67	62	57	54	51	47	43	41	33	24	8
4Dm8-52/13-1.5E	1.5 2	82	79	74	67	64	61	57	52	48	38	29	9
4Dm8-59/15-1.8E	1.8 2.5	94	92	85	78	74	70	65	59	54	45	31	10
4Dm8-72/18-2.2E	2.2 3	113	110	102	94	90	86	78	72	68	55	40	12

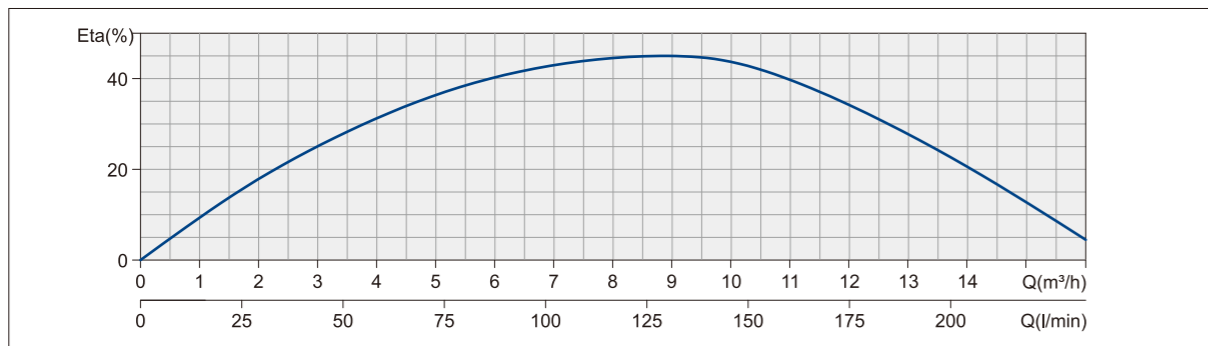
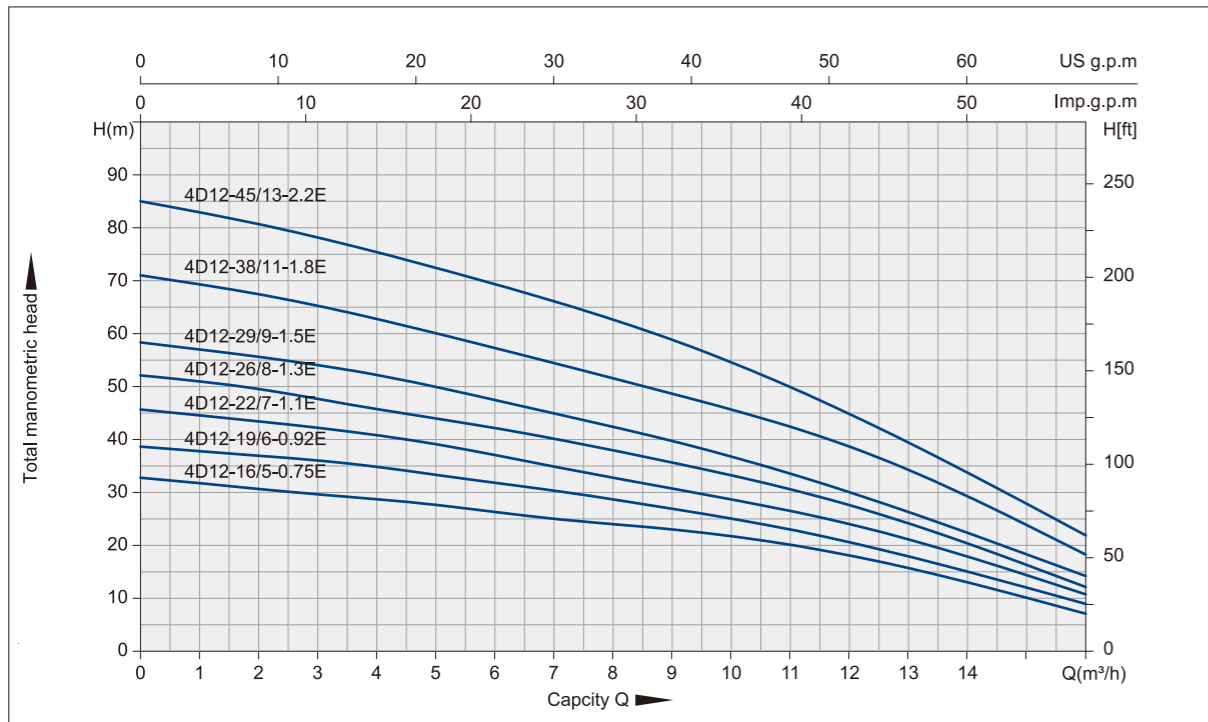
PERFORMANCE CURVES



TECHNICAL TABLE n=3000 r/min

Model	Power (kW) (HP)	Q(m³/h)														
		0	1.8	3.6	5.4	7.2	9	10	12.6	13.8	15					
4Dm10-23/6-0.75E	0.75 1	36	35	34	32	30	26	23	13	3	2					
4Dm10-27/7-0.92E	0.92 1.25	42	41	39	37	35	30	27	15	6	2					
4Dm10-32/8-1.1E	1.1 1.5	49	48	45	43	40	35	32	18	8	2					
4Dm10-37/9-1.3E	1.3 1.75	55	54	51	49	47	42	37	22	12	2					
4Dm10-44/10-1.5E	1.5 2	63	62	58	55	53	49	44	26	18	2					
4Dm10-46/11-1.5E	1.5 2	68	67	64	60	58	51	46	28	20	2					
4Dm10-49/12-1.8E	1.8 2.5	75	74	70	66	62	55	49	30	28	2					
4Dm10-62/14-2.2E	2.2 3	87	86	82	78	76	67	62	40	17	2					

PERFORMANCE CURVES



TECHNICAL TABLE n=3000 r/min

Model	Power (kW)	Power (HP)	Q(m³/h)	H (m)											
				0	1.8	3.6	5.4	7.2	9	10.8	12	14.4	16		
4Dm12-16/5-0.75E	0.75	1	0	32	30	28	26	23	21	18	16	11	8		
4Dm12-19/6-0.92E	0.92	1.25	0	37	36	33	31	28	25	21	19	13	9		
4Dm12-22/7-1.1E	1.1	1.5	0	44	42	39	37	33	29	25	22	16	10		
4Dm12-26/8-1.3E	1.3	1.75	0	51	49	46	42	39	34	30	26	19	11		
4Dm12-29/9-1.5E	1.5	2	0	58	56	52	49	44	38	32	29	21	13		
4Dm12-38/11-1.8E	1.8	2.5	0	70	68	64	59	54	48	41	38	27	17		
4Dm12-45/13-2.2E	2.2	3	0	83	80	75	70	64	57	50	45	33	21		



50m Series Deep Well Pump



**01 SEWAGE DISPOSAL**



**02 SEWAGE DISPOSAL**



**03 SEWAGE DISPOSAL**

**APPLICATION AREA**

- For water supply from wells or reservoirs
- For domestic use, for civil and industrial applications
- For garden use and irrigation

**MOTOR AND PUMP**

- Rewindable motor
- Equip with start control box or digital auto-control box
- Pumps are designed by casing stressed
- NEMA dimension standard

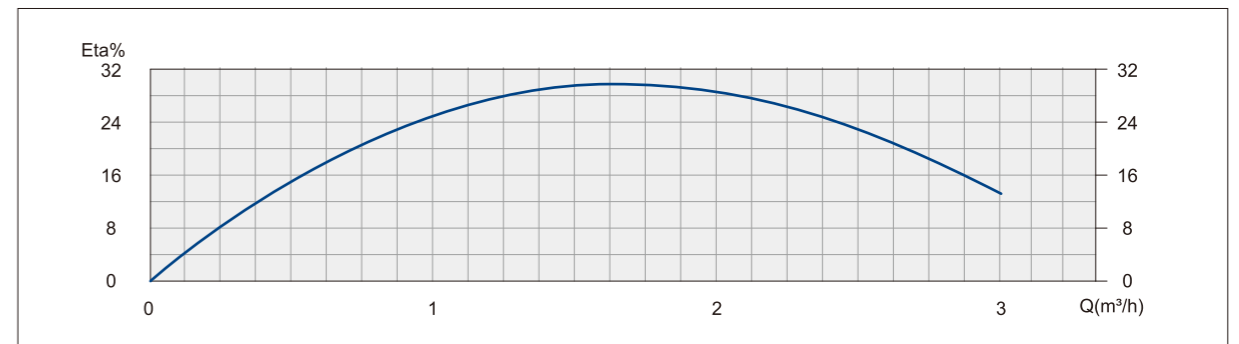
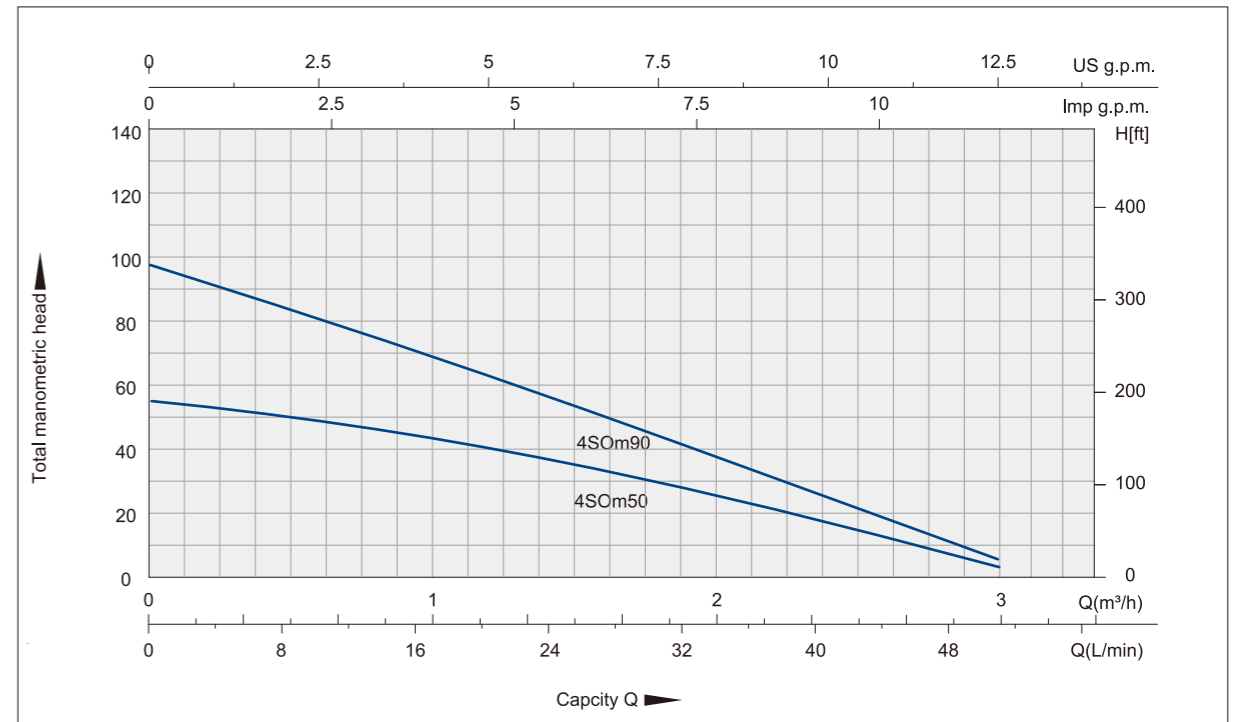
**ONE YEAR WARRANTY**

**OPERATING LIMITS**

- Maximum fluid temperature up to +40 C
- Maximum sand content: 0.15%
- Maximum immersion: 50m
- Minimum well diameter: 4"

Component	Material	Component	Material
Inlet	①2Cr13 ②Cast-Cu	Bottom cover	AISI 304 SS
Outlet	Cast-Cu	Support	①AISI 304 SS ②AISI 201 SS
Impeller	Cast-Cu	Bottom bearing seat	①ZL102 ②HT200
Cover plate	①2Cr13 ②Cast-Cu	Strainer	AISI 201 SS
Middle cover	①2Cr13 ②Cast-Cu	Bearing	①NSK ②C&U
Oil chamber	①HT200 ②Cast-Cu	Seal lubricant oil	10# food-grade lubricant oil
Shaft	AISI 304 SS		

**PERFORMANCE CURVES**



**TECHNICAL TABLE n=3000 r/min**

Model	Stages	Motor Power (kW) (HP)	Capacity												G.W (kg)	Cylinder packing Dimension(mm)
			Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3		
Single phase 220-240V/50Hz			l/min	0	5	10	15	20	25	30	35	40	45	50		Single phase
4SOm50	1	0.75 1	H (m)	56	53	48	44	38	33	30	21	17	9	4	14	110X110X690
4SOm90	2	1.1 1.5	H (m)	98	89	77	70	59	47	38	26	20	11	5	16	110X110X800
4SOm110	2	1.5 2	H (m)	110	99	88	78	67	56	45	34	27	17	12	19	-



# QJ(D)-YD Deep Well Pump


**APPLICATION AREA**

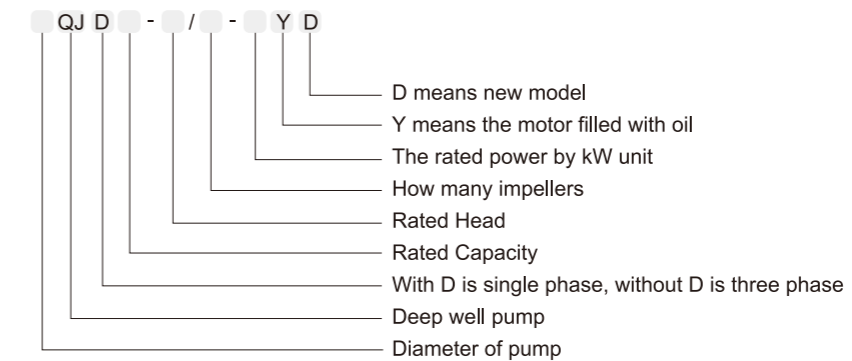
- For water supply from wells or reservoirs.
- For domestic use, for civil and industrial applications.
- For garden use and irrigation.

**ONE YEAR WARRANTY**
**MOTOR AND PUMP**

- Rewindable motor
- Equip with start control box or digital auto-control box
- Pumps are designed by casing stressed
- NEMA dimension standard

**OPERATING LIMITS**

- Maximum fluid temperature up to +40 C
- Maximum sand content: 0.25%
- Maximum immersion: 80m
- Minimum well diameter: 3.5"/4"

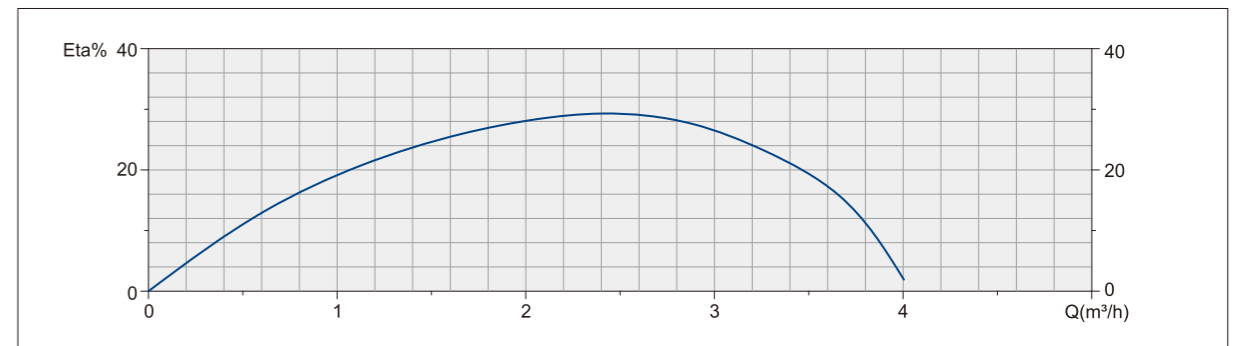
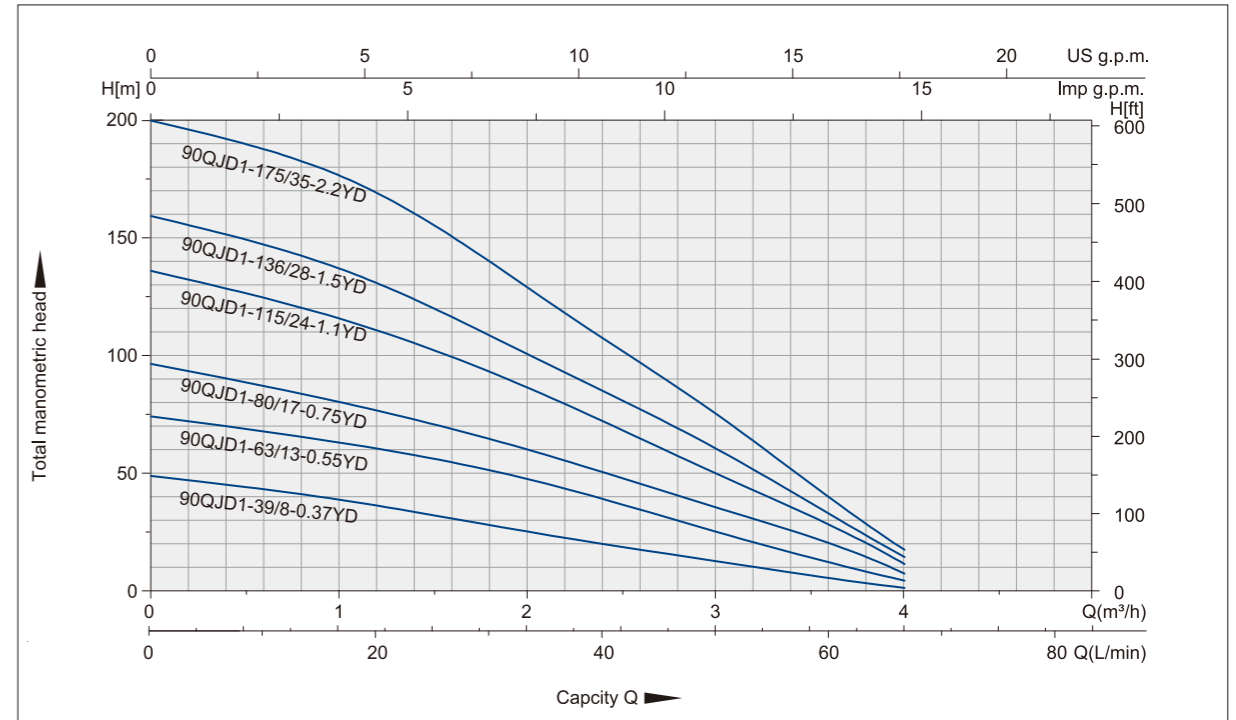
**MODEL INSTRUSTION**


**MODEL ANALYSIS**



Component	Material	Component	Material
Pump external casing	①AISI 304 SS ②AISI 201 SS	Motor external casing	①AISI 304 SS ②AISI 201 SS
Pump outlet	HT200	Upper bearing seat	HT200
Pump inlet	QT450	Bottom bearing seat	HT200
Diffuser	Plastic PC	Mechanical seal	Ceramics-graphite
Diffuser cover	Plastic PC	Bottom cover	AISI 304 SS
Impeller	Plastic ASS	Shaft	①AISI 304 SS ②2Cr13
Shaft	①AISI 304 SS ②AISI 201 SS	Bearing	①NSK ②C&U
Shaft coupling	①AISI 304 SS ②2Cr13	Seal lubricant oil	10# food-grade lubricant oil

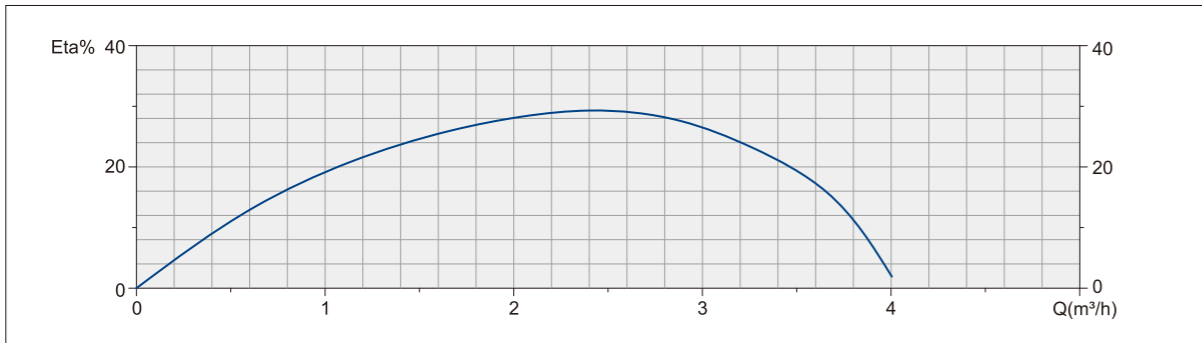
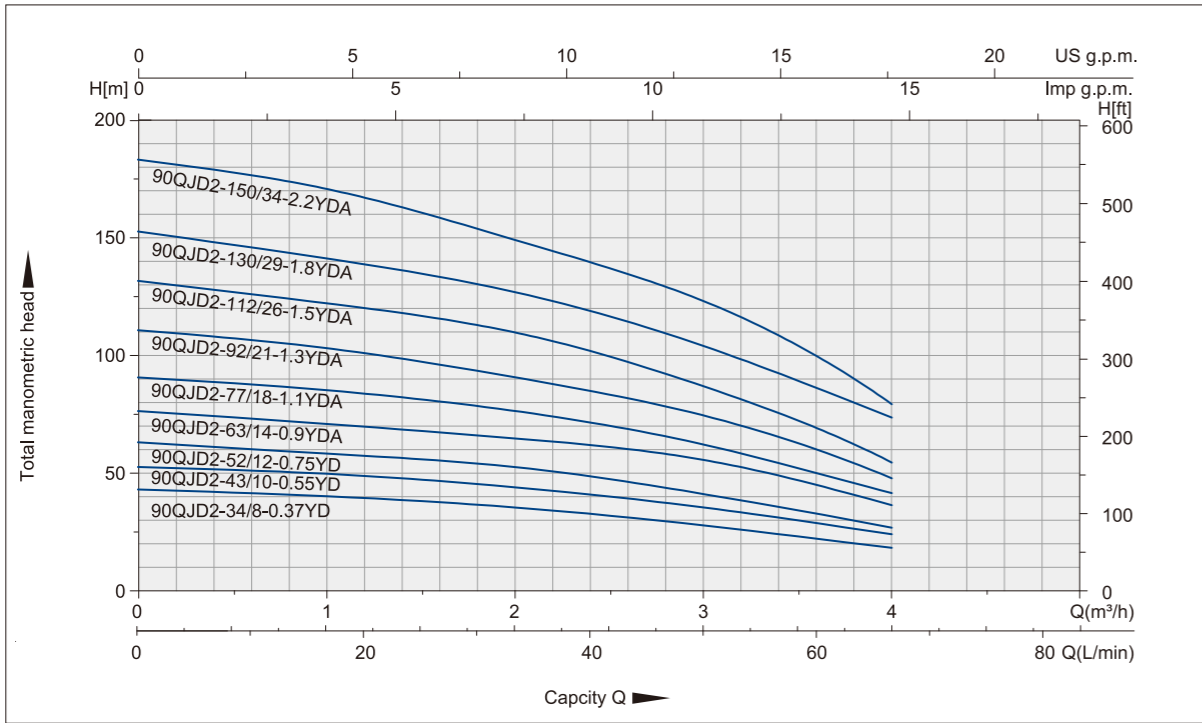
**PERFORMANCE CURVES**



**TECHNICAL TABLE n=3000 r/min**

Model	Motor		Capacity					Cylinder packing Dimension (mm)	
	Single phase 220-240V/50Hz	Three phase 380-415V/50Hz	Power (kW) (HP)	Q(m³/h)	0	1	2		3
90QJD1-39/8-0.37YD	90QJ1-39/8-0.37YD	0.37 0.5	H (m)	49	39	25	11	2	?
90QJD1-63/13-0.55YD	90QJ1-63/13-0.55YD	0.55 0.75		74	63	49	25	5	
90QJD1-80/17-0.75YD	90QJ1-80/17-0.75YD	0.75 1		96	80	60	35	8	
90QJD1-115/24-1.1YD	90QJ1-115/24-1.1YD	1.1 1.5		135	115	86	50	12	
90QJD1-136/28-1.5YD	90QJ1-136/28-1.5YD	1.5 2		158	136	100	65	15	
90QJD1-175/35-2.2YD	90QJ1-175/35-2.2YD	2.2 3		198	175	120	75	18	

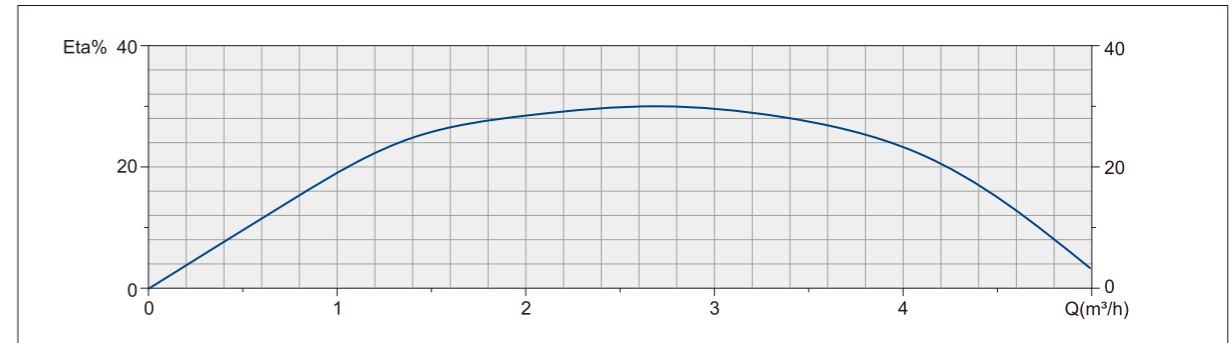
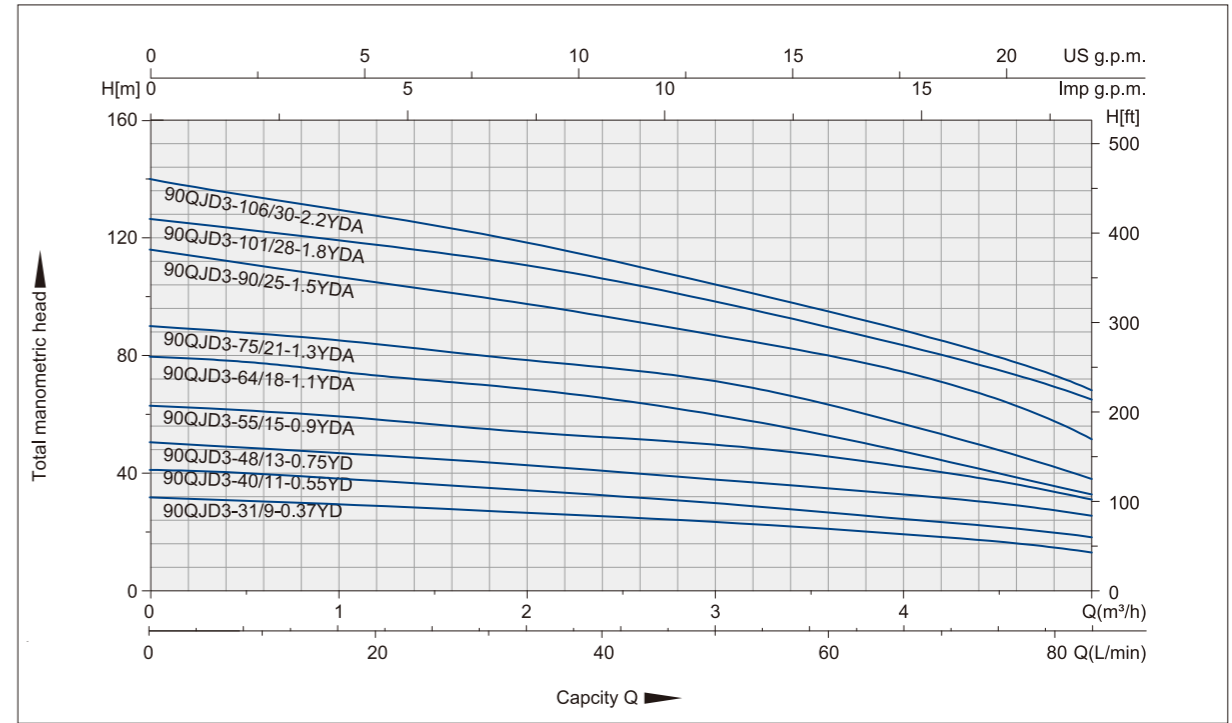
PERFORMANCE CURVES



TECHNICAL TABLE n=3000 r/min

Model		Motor		Capacity					Cylinder packing Dimension (mm)	
Single phase 220-240V/50Hz	Three phase 380-415V/50Hz	Power (kW)	(HP)	Q(m³/h)	0	1	2	3		4
90QJD2-34/8-0.37YD	90QJ2-34/8-0.37YD	0.37	0.5	H (m)	42	39	34	26	16	?
90QJD2-43/10-0.55YD	90QJ2-43/10-0.55YD	0.55	0.75		52	49	43	34	22	
90QJD2-52/12-0.75YD	90QJ2-52/12-0.75YD	0.75	1		63	58	52	40	25	
90QJD2-63/14-0.9YDA	90QJ2-63/14-0.9YDA	0.9	1.25		77	70	63	56	35	
90QJD2-77/18-1.1YDA	90QJ2-77/18-1.1YDA	1.1	1.5		92	86	77	60	42	
90QJD2-92/21-1.3YDA	90QJ2-92/21-1.3YDA	1.3	1.75		113	105	92	75	47	
90QJD2-112/26-1.5YDA	90QJ2-112/26-1.5YDA	1.5	2		135	125	112	88	54	
90QJD2-130/29-1.8YDA	90QJ2-130/29-1.8YDA	1.8	2.5		157	145	130	106	74	
90QJD2-150/34-2.2YDA	90QJ2-150/34-2.2YDA	2.2	3		189	176	150	126	80	

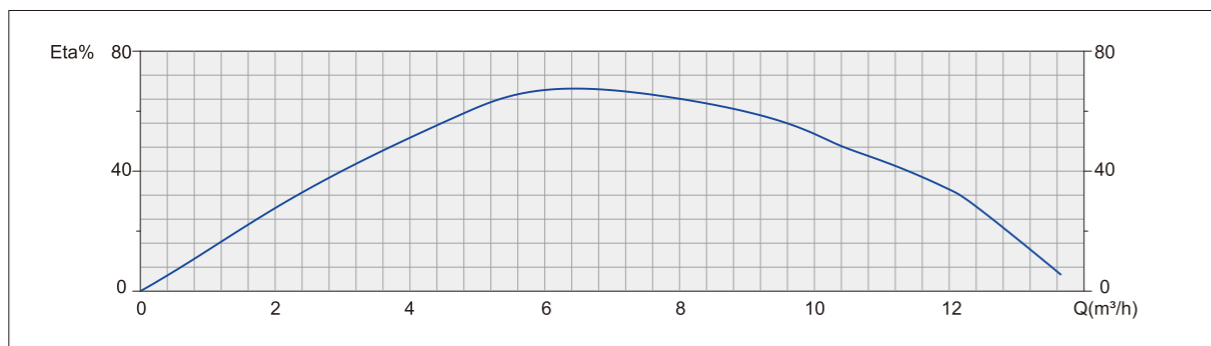
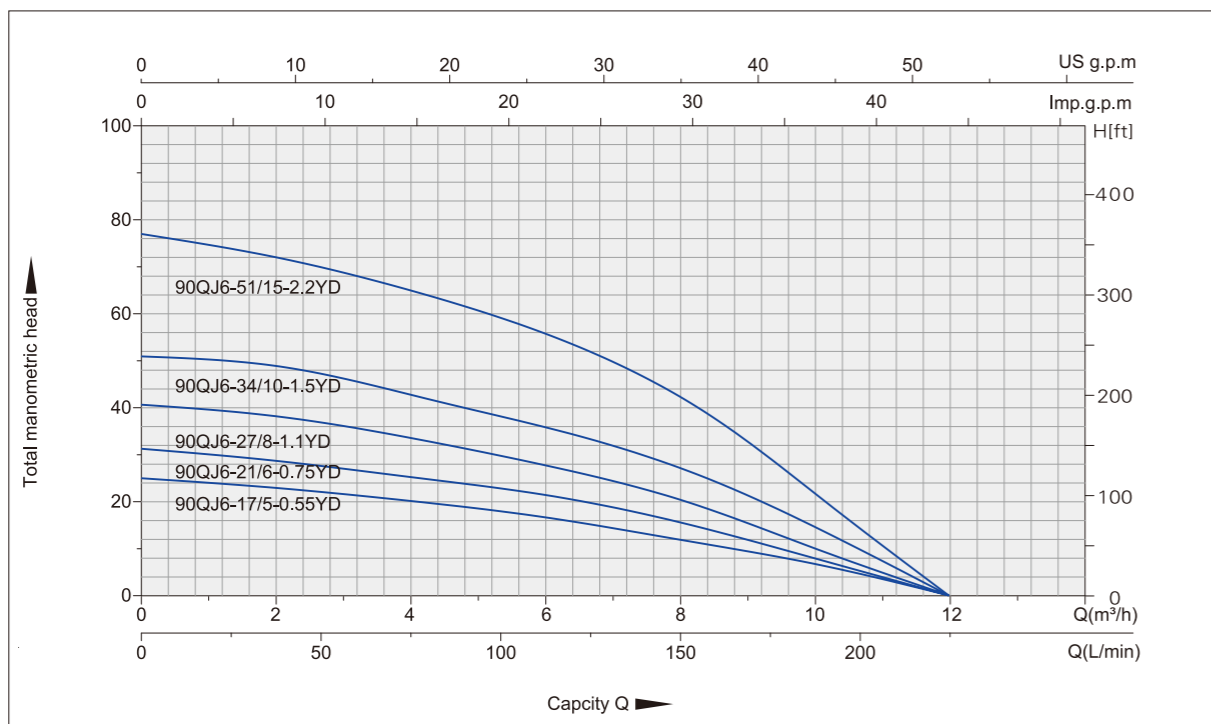
PERFORMANCE CURVES



TECHNICAL TABLE n=3000 r/min

Model		Motor		Capacity						Cylinder packing Dimension (mm)	
Single phase 220-240V/50Hz	Three phase 380-415V/50Hz	Power (kW)	(HP)	Q(m³/h)	0	1	2	3	4		5
90QJD3-31/9-0.37YD	90QJ3-31/9-0.37YD	0.37	0.5	H (m)	37	34	32	29	25	19	?
90QJD3-40/11-0.55YD	90QJ3-40/11-0.55YD	0.55	0.75		46	42	38	35	30	24	
90QJD3-48/13-0.75YD	90QJ3-48/13-0.75YD	0.75	1		55	51	47	43	35	31	
90QJD3-55/15-0.9YDA	90QJ3-55/15-0.9YDA	0.9	1.25		67	62	58	52	44	39	
90QJD3-64/18-1.1YDA	90QJ3-64/18-1.1YDA	1.1	1.5		83	76	72	64	52	38	
90QJD3-75/21-1.3YDA	90QJ3-75/21-1.3YDA	1.3	1.75		93	87	80	75	61	43	
90QJD3-90/25-1.5YDA	90QJ3-90/25-1.5YDA	1.5	2		118	109	98	90	78	56	
90QJD3-101/28-1.8YDA	90QJ3-101/28-1.8YDA	1.8	2.5		128	121	111	101	85	69	
90QJD3-106/30-2.2YDA	90QJ3-106/30-2.2YDA	2.2	3		141	130	120	106	89	72	

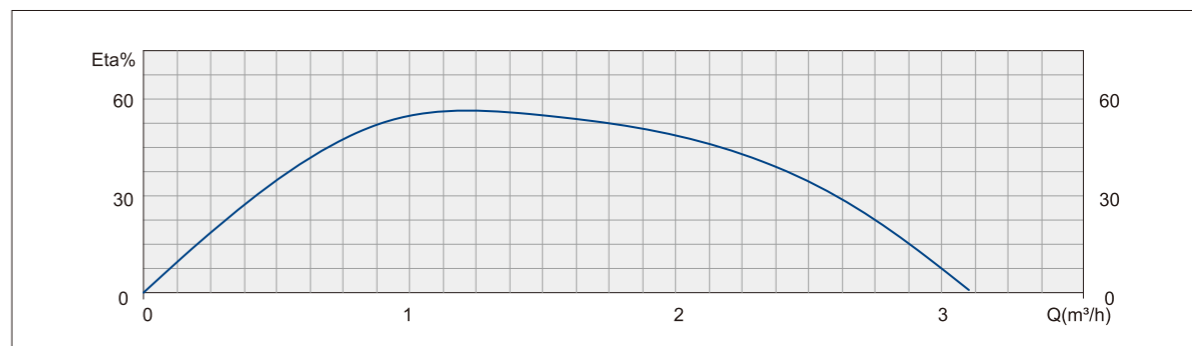
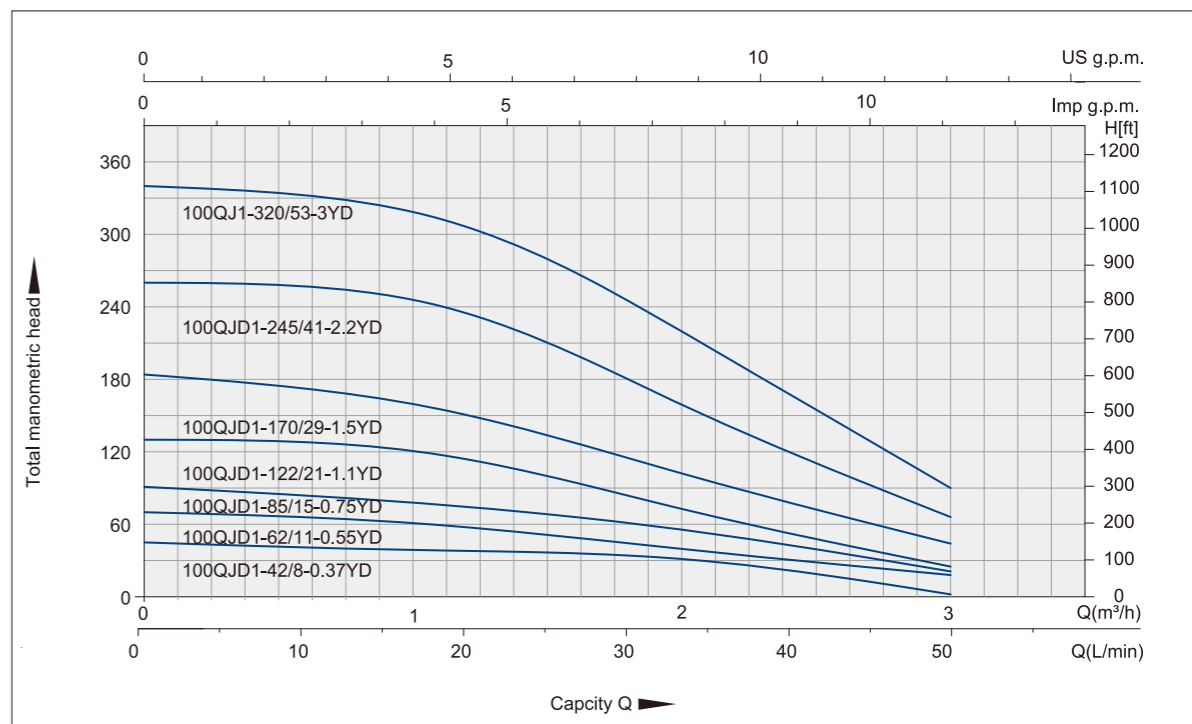
PERFORMANCE CURVES



TECHNICAL TABLE n=3000 r/min

Model	Motor Power (kW) (HP)	Capacity							Cylinder packing Dimension (mm)
		Q(m³/h)	0	2	4	6	8	10	
90QJD6-17/5-0.55YD	0.55 0.75	26	24	22	17	13	7	2.5	88×88×784
90QJD6-21/6-0.75YD	0.75 1	32	30	27	21	18	7	2.5	88×88×841
90QJD6-27/8-1.1YD	1.1 1.5	42	39	35	27	23	13	2.5	88×88×962
90QJD6-34/10-1.5YD	1.5 2	52	50	43	34	28	16	2.5	88×88×1129
90QJD6-51/15-2.2YD	2.2 3	77	72	66	51	45	20	2.5	88×88×1367

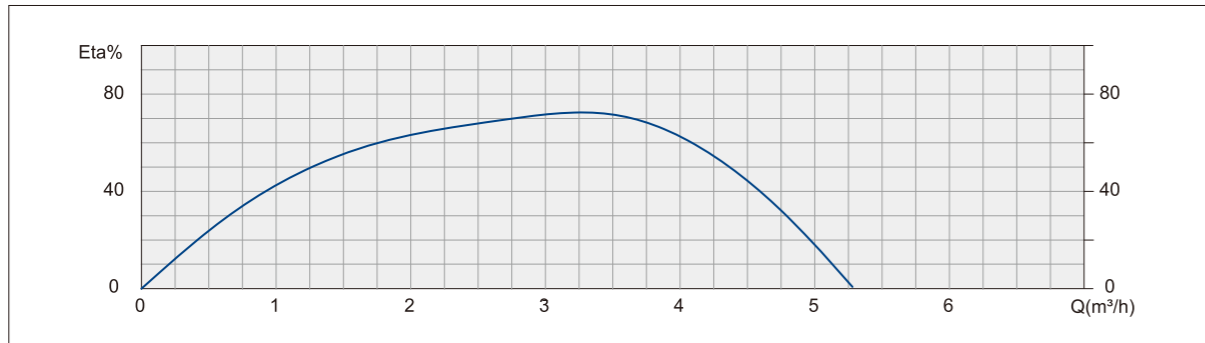
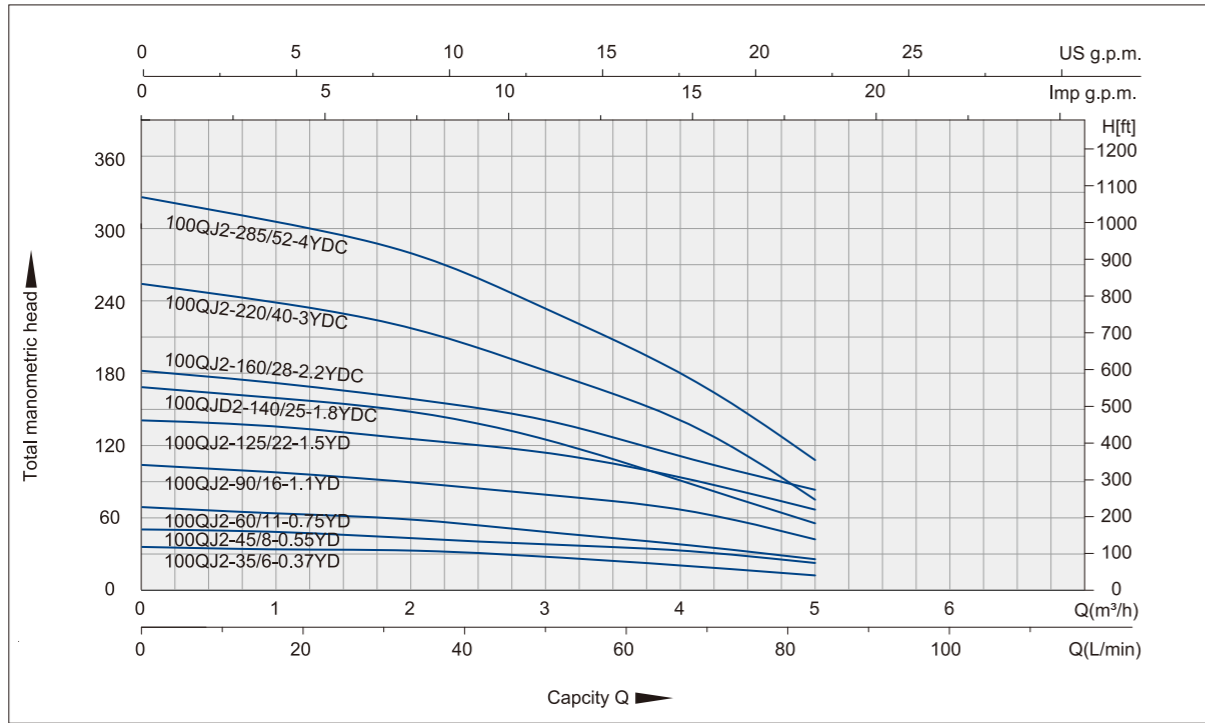
PERFORMANCE CURVES



TECHNICAL TABLE n=3000 r/min

Model	Motor Power (kW) (HP)	Capacity				Cylinder packing Dimension(mm)	
		Q(m³/h)	0	1	2	3	Single phase
100QJD1-42/8-0.37YD	0.37 0.5	50	42	32	2	112x112x900	112x112x850
100QJD1-62/11-0.55YD	0.55 0.75	70	62	40	18	112x112x950	112x112x900
100QJD1-85/15-0.75YD	0.75 1	91	85	55	21	112x112x1050	112x112x1000
100QJD1-122/21-1.1YD	1.1 1.5	130	122	77	25	112x112x1200	112x112x1100
100QJD1-170/29-1.5YD	1.5 2	184	170	109	44	112x112x1450	112x112x1350
100QJD1-245/41-2.2YD	2.2 3	260	245	165	66	112x112x2000	112x112x1800
100QJD1-320/53-3YD	3 4	340	320	210	90	-	-

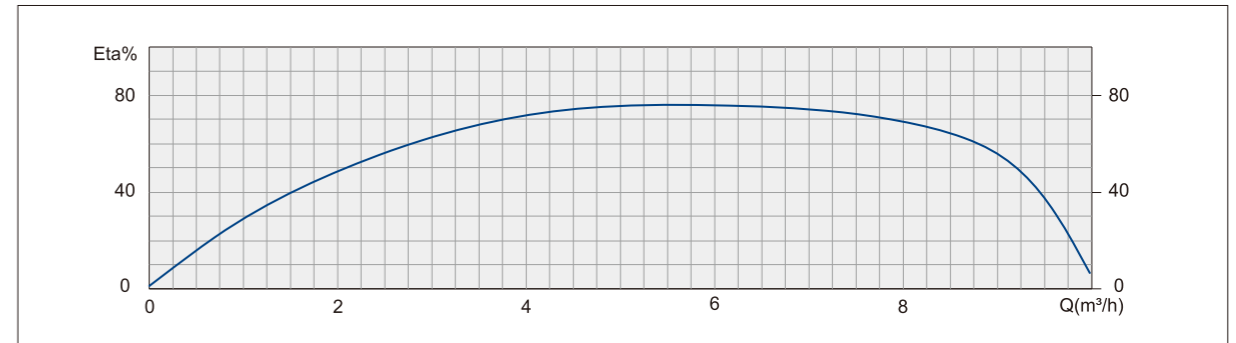
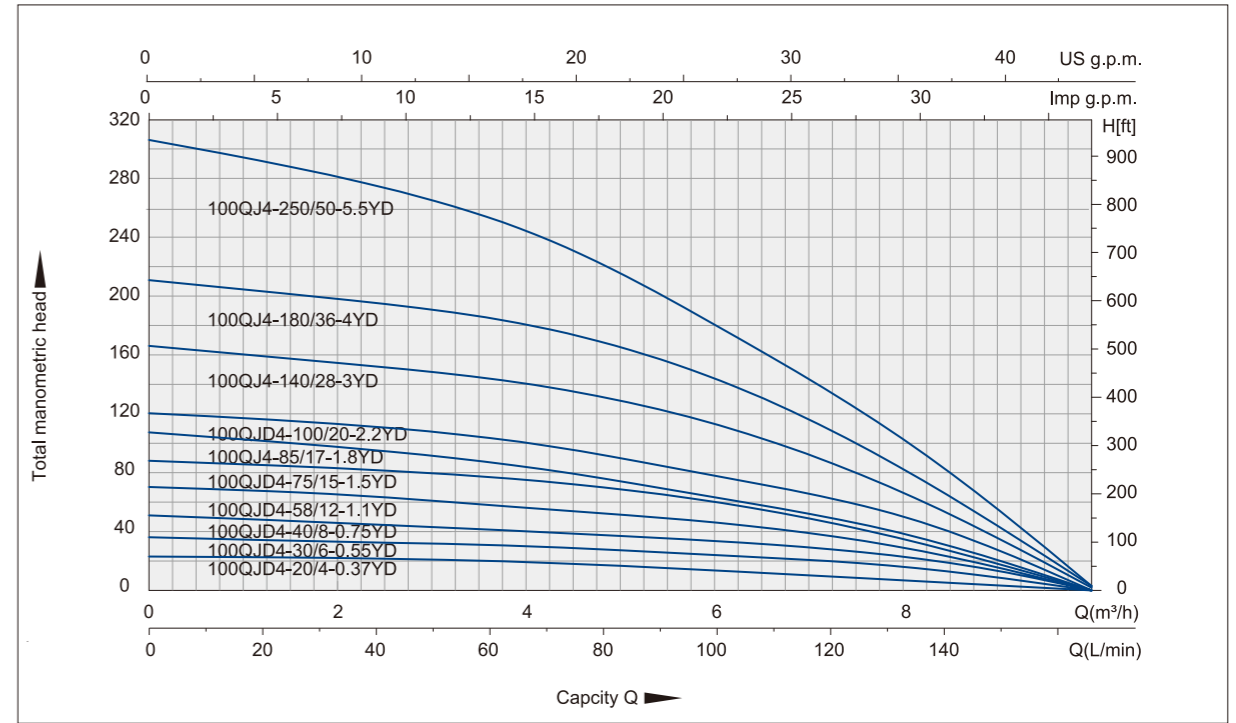
PERFORMANCE CURVES



TECHNICAL TABLE n=3000 r/min

Model		Motor	Capacity					Cylinder packing Dimension(mm)				
Single phase 220-240V/50Hz	Three phase 380-415V/50Hz	Power (kW) (HP)	Q(m³/h)	0	1	2	3	4	5	Single phase	Three phase	
			l/min	0	17	33	50	67	83			
100QJD2-35/6-0.37YD	100QJ2-35/6-0.37YD	0.37 0.5	H (m)	38	36	35	30	23	15	Φ102×718	Φ102×695	
100QJD2-45/8-0.55YD	100QJ2-45/8-0.55YD	0.55 0.75		52	50	45	40	35	25	Φ102×798	Φ102×760	
100QJD2-60/11-0.75YD	100QJ2-60/11-0.75YD	0.75 1		70	65	60	50	40	28	Φ102×895	Φ102×852	
100QJD2-90/16-1.1YD	100QJ2-90/16-1.1YD	1.1 1.5		104	98	90	80	68	44	Φ102×1062	Φ102×999	
100QJD2-125/22-1.5YD	100QJ2-125/22-1.5YD	1.5 2		140	135	125	114	94	68	Φ102×1254	Φ102×1191	
100QJD2-140/25-1.8YDC	100QJ2-140/25-1.8YDC	1.8 2.5		160	154	140	128	83	57	Φ102×1427	Φ102×1382	
100QJD2-160/28-2.2YDC	100QJ2-160/28-2.2YDC	2.2 3		180	170	160	140	110	84	Φ102×1585	Φ102×1500	
	100QJ2-220/40-3YDC	3 4		250	235	220	180	140	76		Φ102×2000	
	100QJ2-285/52-4YDC	4 5.5		320	300	285	230	178	108		Φ102×2459	

PERFORMANCE CURVES

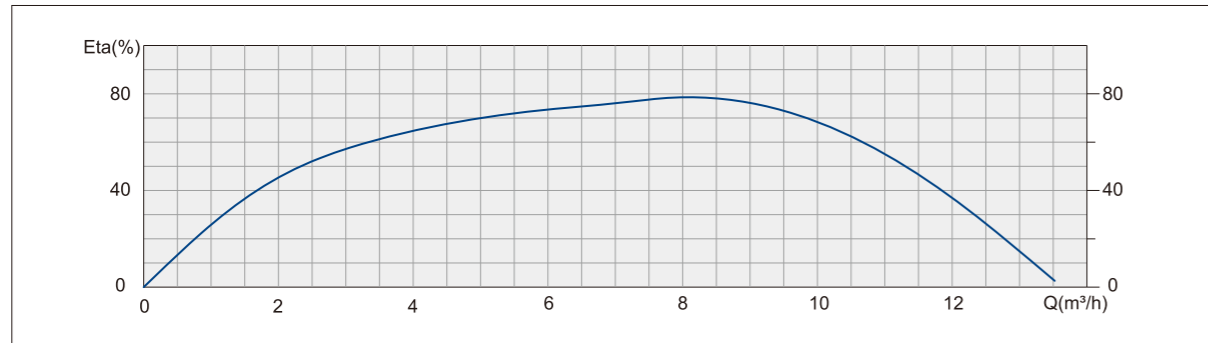
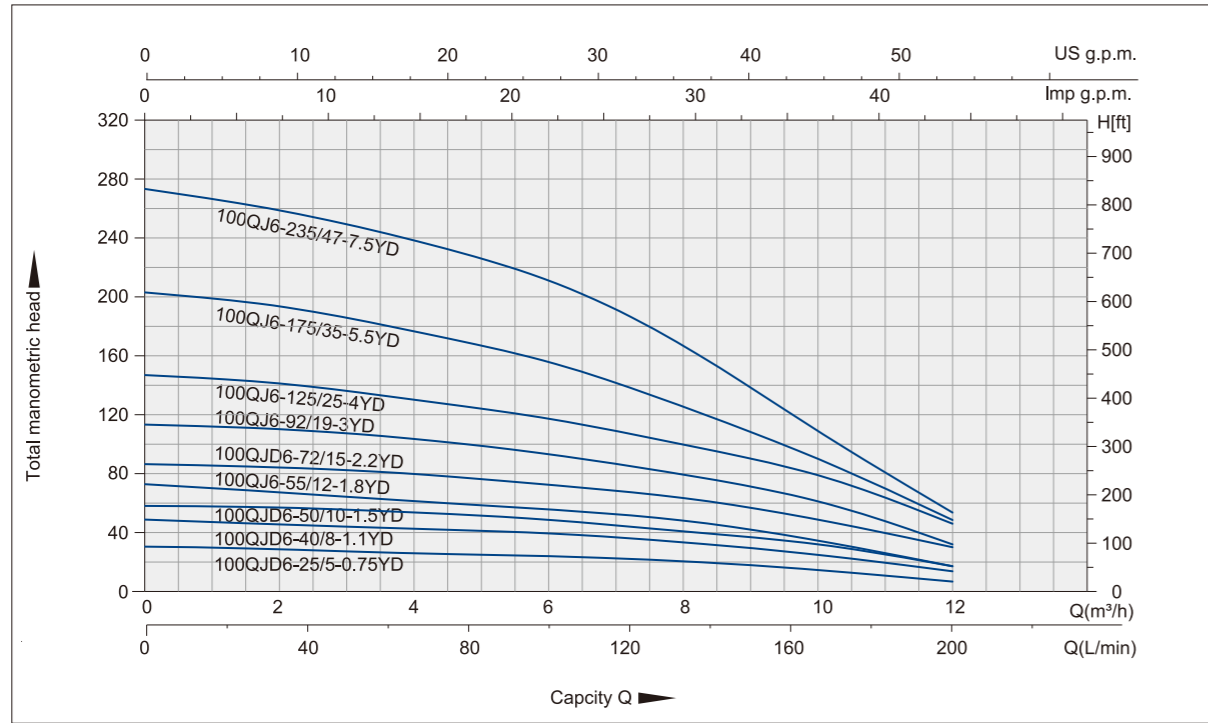


TECHNICAL TABLE n=3000 r/min

Model		Motor	Capacity						Cylinder packing Dimension(mm)			
Single phase 220-240V/50Hz	Three phase 380-415V/50Hz	Power (kW) (HP)	Q(m³/h)	0	2	4	6	8	10	Single phase	Three phase	
			l/min	0	33	67	100	133	167			
100QJD4-20/4-0.37YD	100QJ4-20/4-0.37YD	0.37 0.5	H (m)	23	22	20	12	8	0	Φ1102X696	Φ102X673	
100QJD4-30/6-5.5YD	100QJ4-30/6-5.5YD	0.55 0.75		36	33	30	24	16	0	Φ1102X792	Φ102X754	
100QJD4-40/8-0.75YD	100QJ4-40/8-0.75YD	0.75 1		48	44	40	29	16	0	Φ1102X878	Φ102X835	
100QJD4-58/12-1.1YD	100QJ4-58/12-1.1YD	1.1 1.5		70	65	58	46	29	0	Φ1102X1049	Φ102X986	
100QJD4-75/15-1.5YD	100QJ4-75/15-1.5YD	1.5 2		90	80	75	60	35	0	Φ1102X1187	Φ102X1124	
100QJD4-85/17-1.8YD	100QJ4-85/17-1.8YD	1.8 2.5		106	95	85	61	39	0	Φ1102X1274	Φ102X1229	
100QJD4-100/20-2.2YD	100QJ4-100/20-2.2YD	2.2 3		120	110	100	70	50	0	Φ1102X1454	Φ102X1369	
	100QJ4-140/28-3YDC	3 4		165	154	140	110	67	3		Φ102X1783	
	100QJ4-180/36-4YDC	4 5.5		210	198	180	135	85	4		Φ102X2125	
	100QJ4-250/50-5.5YDC	5.5 7.5		305	280	250	180	105	3		Φ102X2662	



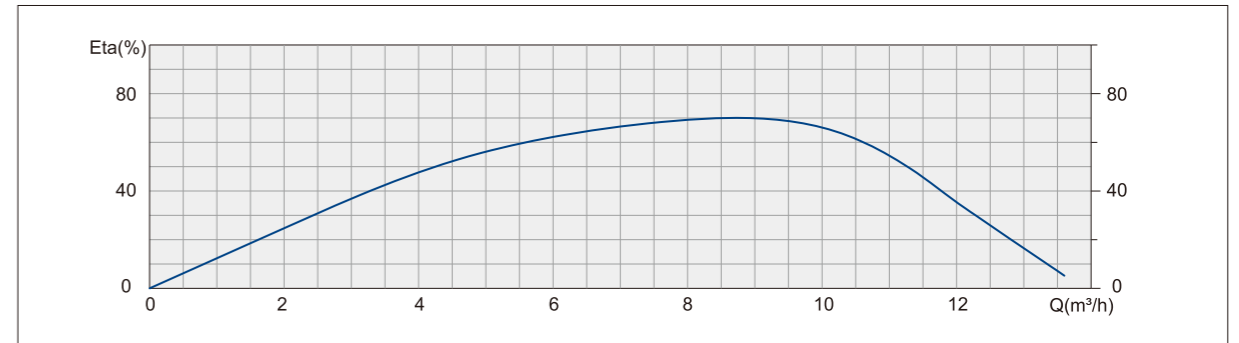
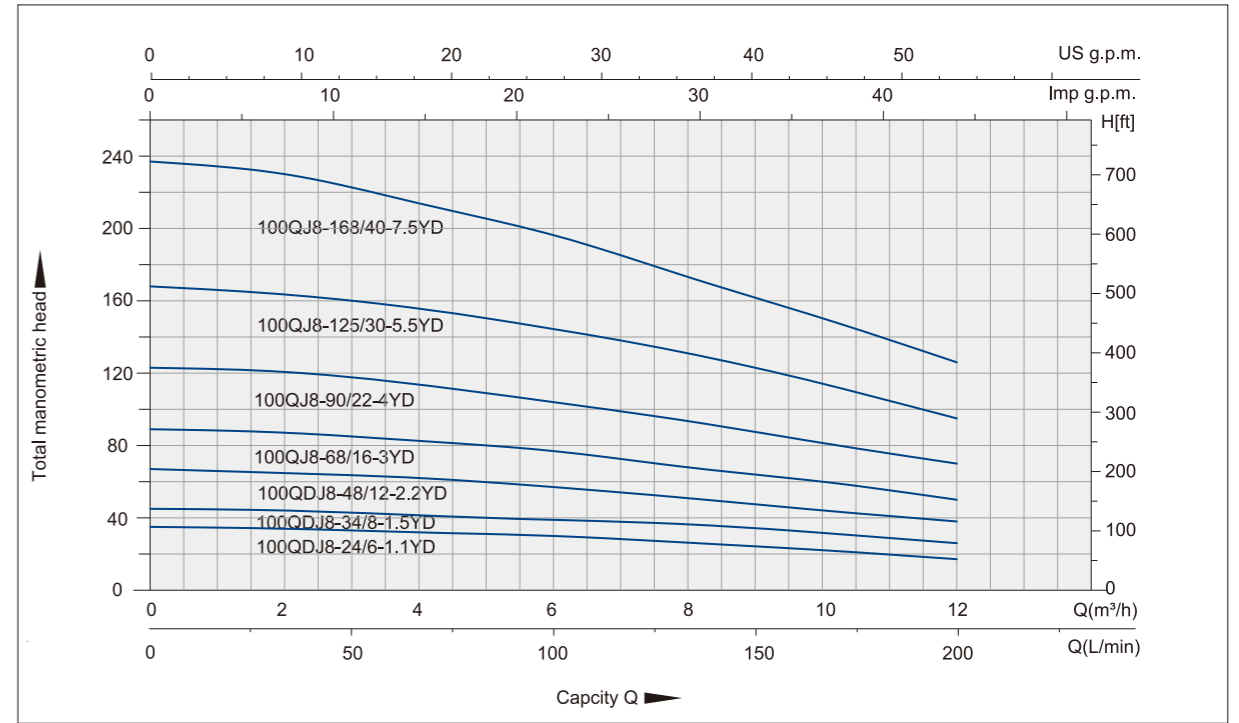
### PERFORMANCE CURVES



### TECHNICAL TABLE n=3000 r/min

Model		Motor		Capacity							Cylinder packing Dimension(mm)		
Single phase 220-240V/50Hz	Three phase 380-415V/50Hz	Power (kW) (HP)	H (m)	Q(m³/h)	0	2	4	6	8	10	12	Single phase	Three phase
				l/min	0	33	67	100	133	167	200		
100QJD6-25/5-0.75YD	100QJ6-25/5-0.75YD	0.75	1	30	29	27	25	20	15	5		Φ102X780	Φ102X737
100QJD6-40/8-1.1YD	100QJ6-40/8-1.1YD	1.1	1.5	50	48	44	40	35	27	14		Φ102X918	Φ102X855
100QJD6-50/10-1.5YD	100QJ6-50/10-1.5YD	1.5	2	60	59	55	50	40	30	15		Φ102X1023	Φ102X960
100QJD6-55/12-1.8YD	100QJ6-55/12-1.8YD	1.8	2.5	75	71	67	55	48	32	5		Φ102X1110	Φ102X1065
100QJD6-72/15-2.2YD	100QJ6-72/15-2.2YD	2.2	3	90	88	81	72	64	50	30		Φ102X1290	Φ102X1025
	100QJ6-92/19-3YD	3	4	119	115	105	92	86	68	32			Φ102X1468
	100QJ6-125/25-4YDC	4	5.5	155	150	135	125	105	85	47			Φ102X1839
	100QJ6-175/35-5.5YDC	5.5	7.5	214	205	185	175	125	83	3			Φ102X2275
	100QJ6-235/47-7.5YDC	7.5	10	290	280	250	235	175	104	3			Φ102X2895

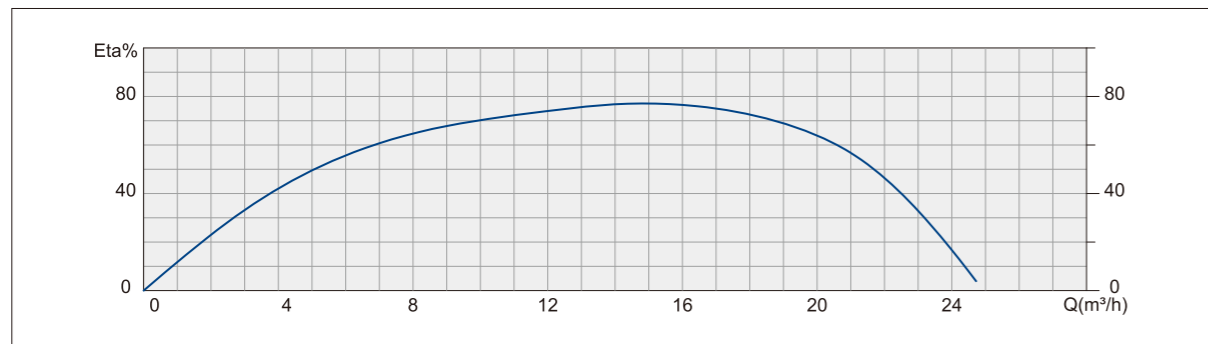
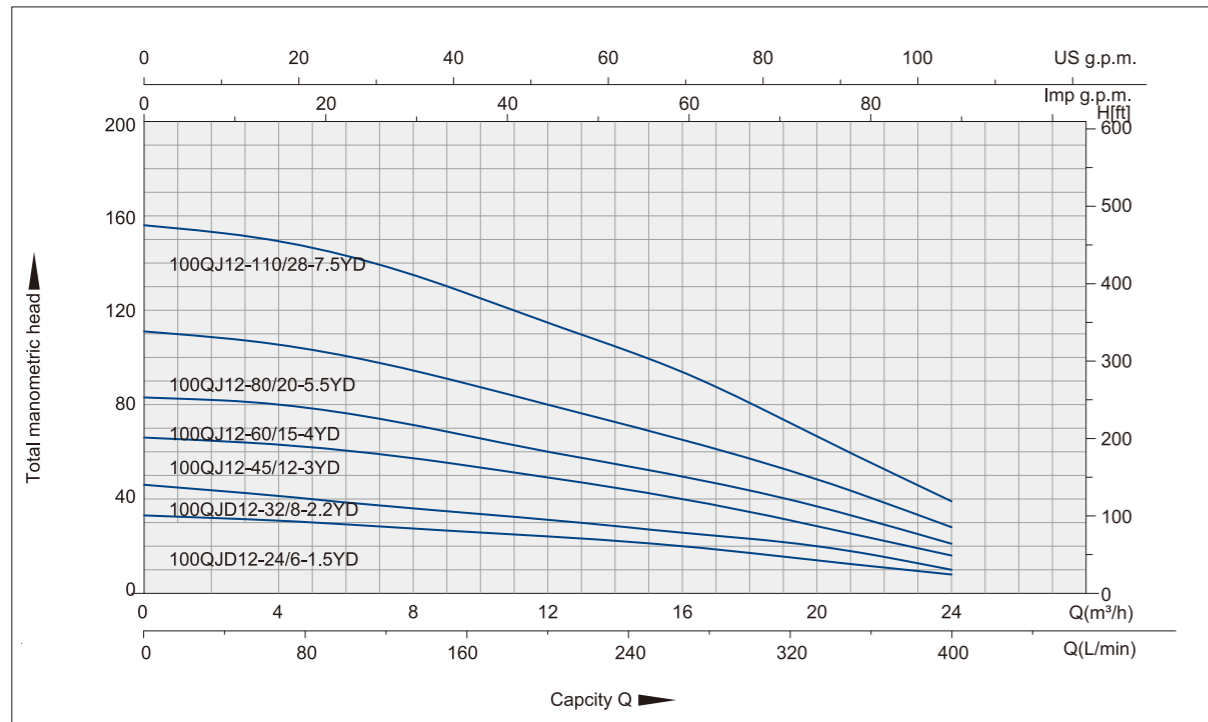
### PERFORMANCE CURVES



### TECHNICAL TABLE n=3000 r/min

Model		Motor		Capacity							Cylinder packing Dimension(mm)		
Single phase 220-240V/50Hz	Three phase 380-415V/50Hz	Power (kW) (HP)	H (m)	Q(m³/h)	0	2	4	6	8	10	12	Single phase	Three phase
				l/min	0	33	67	100	133	167	200		
100QJD8-24/6-1.1YD	100QJ8-24/6-1.1YD	1.1	1.5	35	34	32	30	24	23	18		112x112x1100	112x112x1000
100QJD8-34/8-1.5YD	100QJ8-34/8-1.5YD	1.5	2	45	44	42	39	34	30	26		112x112x1250	112x112x1150
100QJD8-48/12-2.2YD	100QJ8-48/12-2.2YD	2.2	3	67	66	63	59	48	45	38		112x112x1750	112x112x1550
	100QJ8-68/16-3YD	3	4	89	87	84	78	68	60	50			112x112x1890
	100QJ8-90/22-4YD	4	5.5	123	122	115	108	90	84	70			112x112x2370
	100QJ8-125/30-5.5YD	5.5	7.5	168	167	157	147	125	115	95			112x112x2900
	100QJ8-168/40-7.5YD	7.5	10	237	230	210	195	168	143	126			112x112x3600

PERFORMANCE CURVES



TECHNICAL TABLE n=3000 r/min

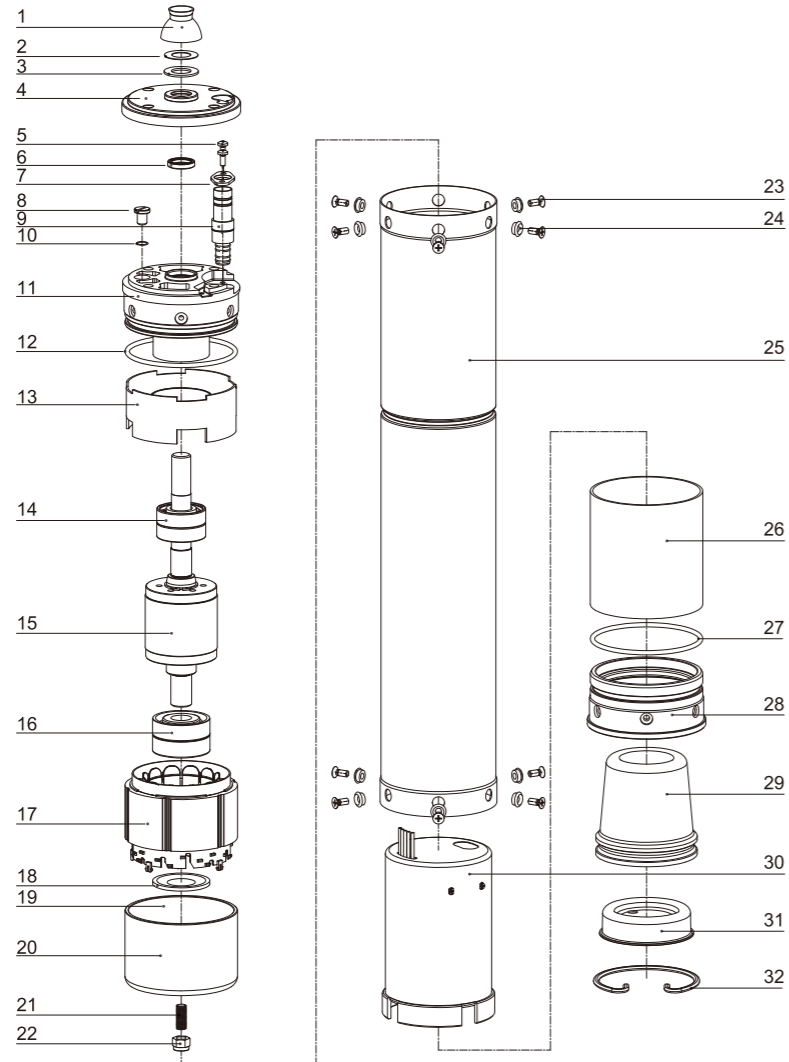
Model	Motor	Capacity							Cylinder packing Dimension(mm)			
		Power	Q(m³/h)	0	4	8	12	16	20	23	Single phase	Three phase
Single phase 220-240V/50Hz	Three phase 380-415V/50Hz	(kW) (HP)	l/min									
100QJD12-24/6-1.5YD	100QJ12-24/6-1.5YD	1.5 2	H	33	32	29	24	20	14	8	112x112x1150	112x112x1050
100QJD12-32/8-2.2YD	100QJ12-32/8-2.2YD	2.2 3	(m)	46	40	38	32	25	20	10	112x112x1650	112x112x1450
	100QJ12-45/12-3YD	3 4		66	64	58	45	40	29	16	112x112x1840	
	100QJ12-60/15-4YD	4 5.5		83	80	72	60	50	37	21	112x112x2220	
	100QJ12-80/20-5.5YD	5.5 7.5		111	106	96	80	67	49	28	112x112x2700	
	100QJ12-110/28-7.5YD	7.5 10		156	149	135	110	94	69	39	112x112x3350	



**QJ(D)-YGY Series**  
**Deep Well Pump**



**MODEL ANALYSIS**



NO	Name	Q'ty	Material	NO	Name	Q'ty	Material	NO	Name	Q'ty	Material
1	Jilt hydrosphere	1	NBR	12	"O"-ring	2	NBR	23	Cross slotted countersunk head screw	12	304
2	gasket	1	304	13	Insulating ring on	1	Engineering-plastics	24	Countersunk head gasket	12	304
3	Wear the gasket	1	PTEE	14	Deep groove ball bearing	2	2 GCr4	25	stand	1	201
4	The oil chamber cover	1	201	15	The rotor	1	Assembly	26	Lower stator baffle ring	1	Engineering-plastics
5	Cross slotted head screw	3	304	16	Angular contact ball bearing	2	GCr15	27	The base	1	HT150
6	Skeleton oil seal	1	NBR+304	17	Varnished stator	1	Assembly	28	cup	1	BNR
7	Prismatic clamp	1	430	18	Bearing damper	1	45#	29	drive	1	Assembly
8	Slotted cylinder head (stainless steel vent bolt)	1	304	19	Insulating paper	1	6021	30	Under the cover	1	304
9	Cable + seal assembly	1	Assembly	20	The bearing cover	1	HT200	31	Spring retainer for hole	1	304
10	"O"-ring	1	NBR	21	The screw	1	304				
11	The oil chamber	1	HT200	22	Prevailing torque type hexagon	1	nuts/304				



**APPLICATION AREA**

- For water supply from wells or reservoirs.
- For domestic use, for civil and industrial applications.
- For garden use and irrigation.

**ONE YEAR WARRANTY**

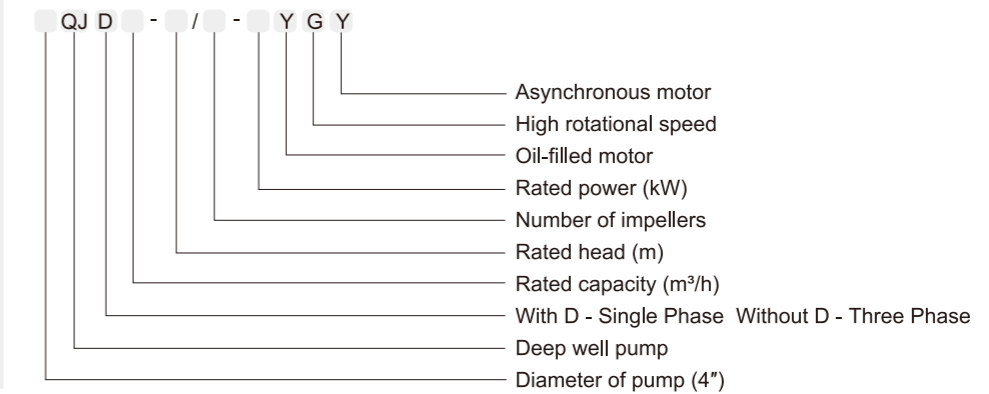
**MOTOR AND PUMP**

- Rewindable motor
- External control box (for exclusive use) / Internal control box (strictly forbidden to connect to other controllers)
- Pumps are designed by casing stressed
- NEMA dimension standard

**OPERATING LIMITS**

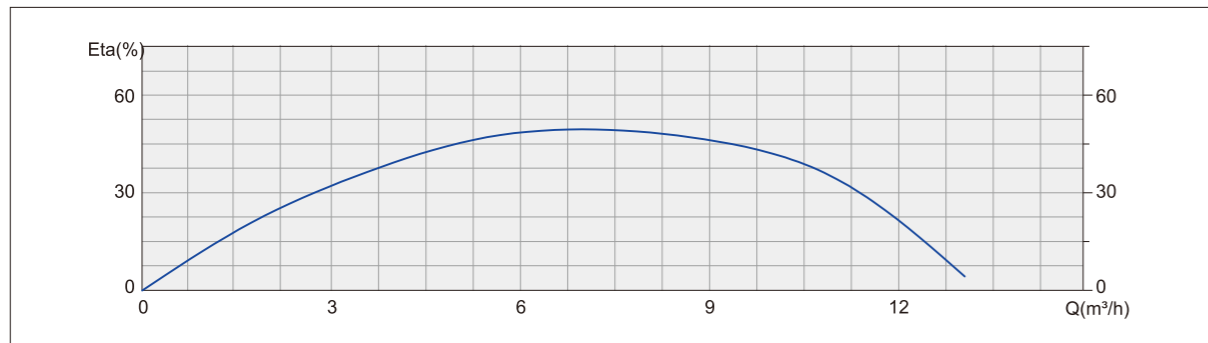
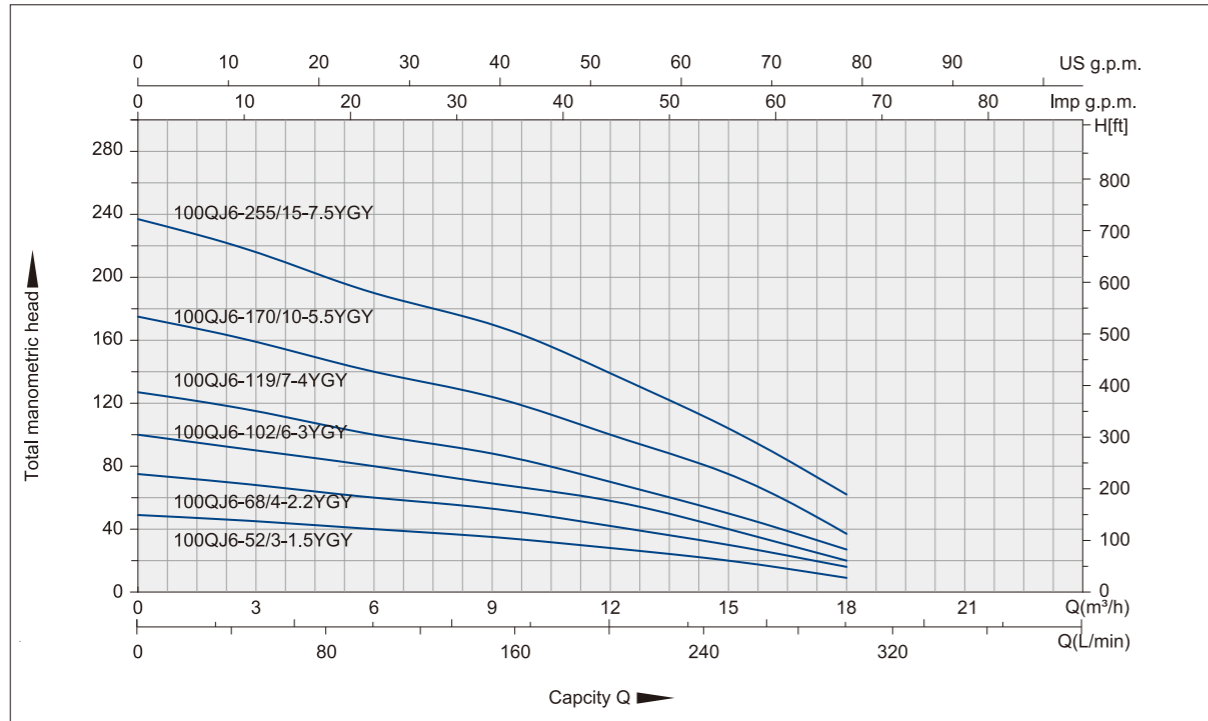
- Maximum fluid temperature: 40°C
- Maximum sand content: 0.25%
- Maximum immersion: 100m
- Minimum well diameter: 4"

**MODEL INSTRUSTION**

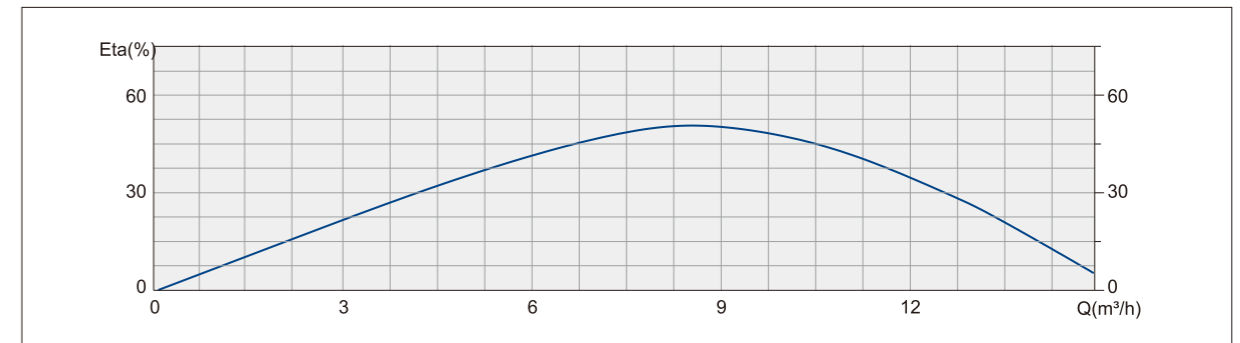
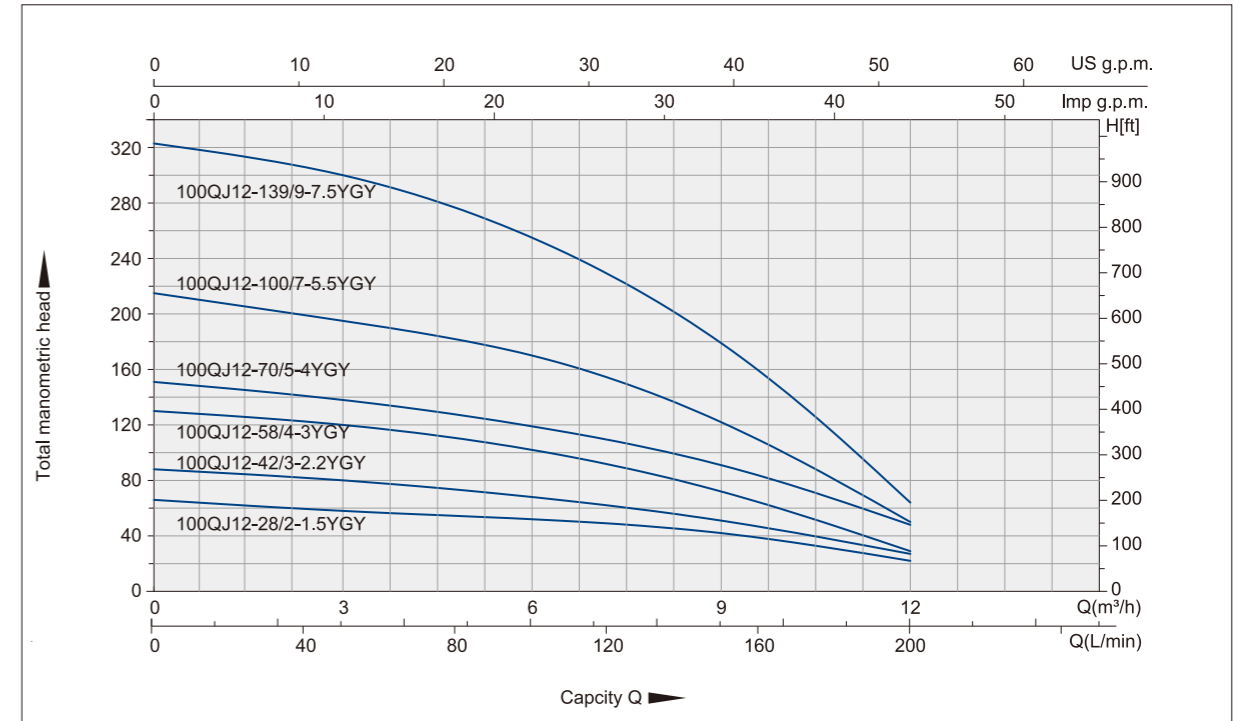


Component	Material	Component	Material
Pump external casing	AISI 304 SS	Motor external casing	AISI 304 SS
Pump outlet	AISI 304 SS	Oil chamber	ZHb57-3
Pump inlet	AISI 304 SS	Bottom bearing seat	QT450
Diffuser	Plastic PC	Mechanical seal	Ceramics-graphite
Diffuser cover	AISI 304 SS	Bottom cover	AISI 304 SS
Impeller	Plastic PPO	Shaft	AISI 304 SS
Shaft	AISI 304 SS	Bearing	①NSK ②C&U
Shaft coupling	AISI 304 SS	Seal lubricant oil	#10 food-grade lubricant oil

### PERFORMANCE CURVES



### PERFORMANCE CURVES



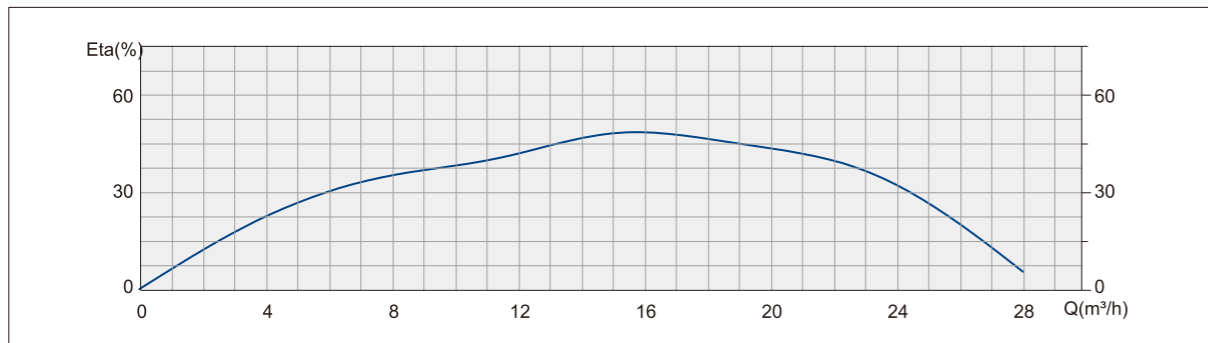
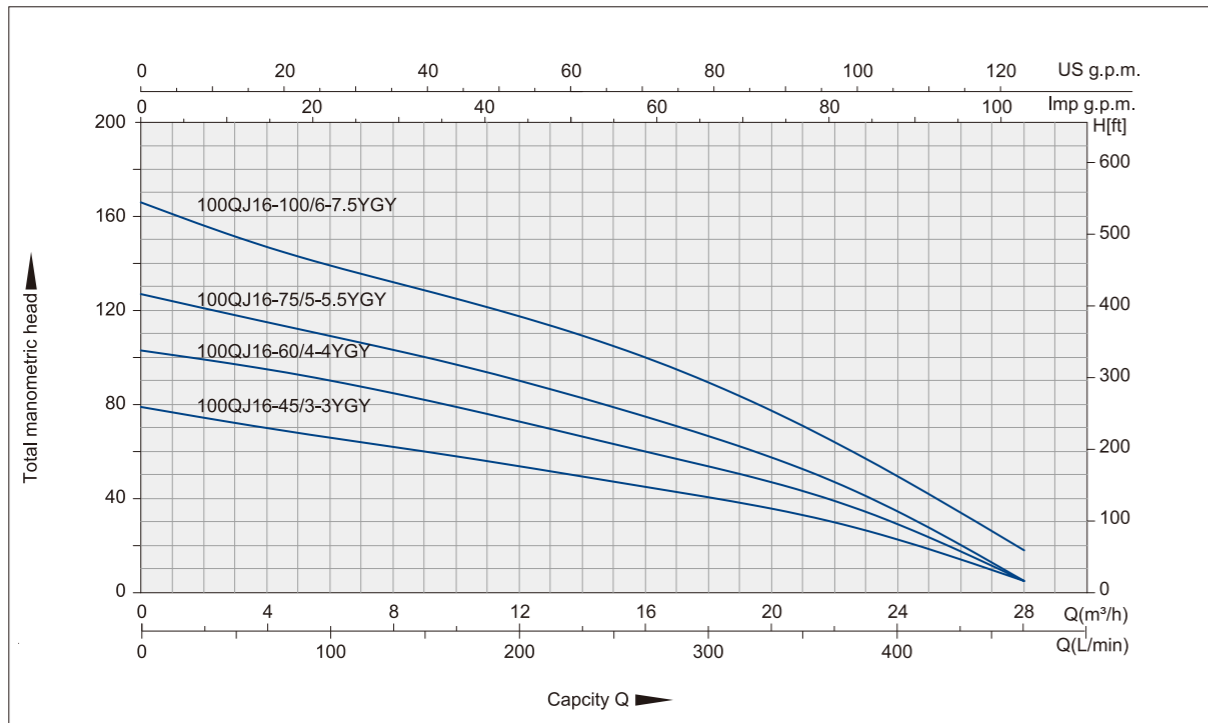
### TECHNICAL TABLE n=3000 r/min

Model	Motor		Capacity					Cylinder packing Dimension(mm)		
	Power (kW)	(HP)	Q(m³/h)	0	3	6	9	12	External control box	Internal control box
100QJ6-52/3-1.5YGY	1.5	2	66	58	52	42	22		880×140×150	1390×140×150
100QJ6-68/4-2.2YGY	2.2	3	88	80	68	51	27		930×140×150	1440×140×150
100QJ6-102/6-3YGY	3	4	130	120	102	72	29		1070×140×150	1570×140×150
100QJ6-119/7-4YGY	4	5.5	151	138	119	91	48		1140×140×150	1640×140×150
100QJ6-170/10-5.5YGY	5.5	7.5	215	195	170	122	50		1330×140×150	1840×140×150
100QJ6-255/15-7.5YGY	7.5	10	323	300	255	179	64		1600×140×150	2120×140×150

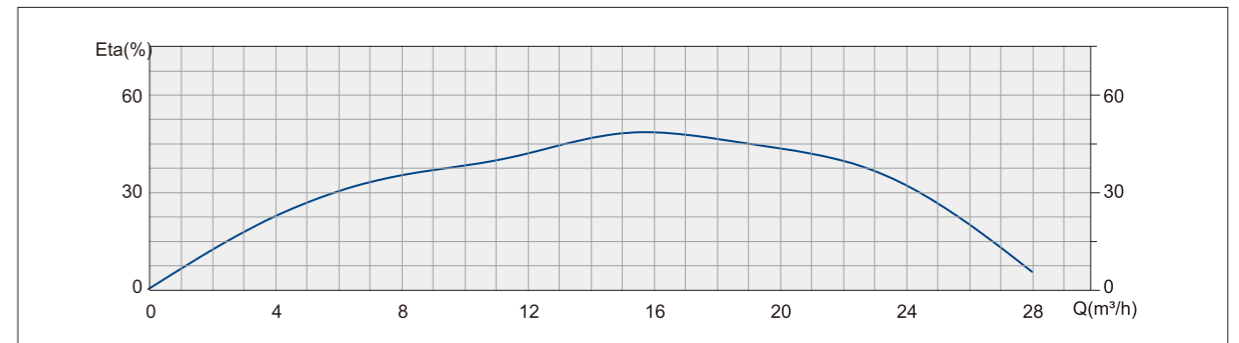
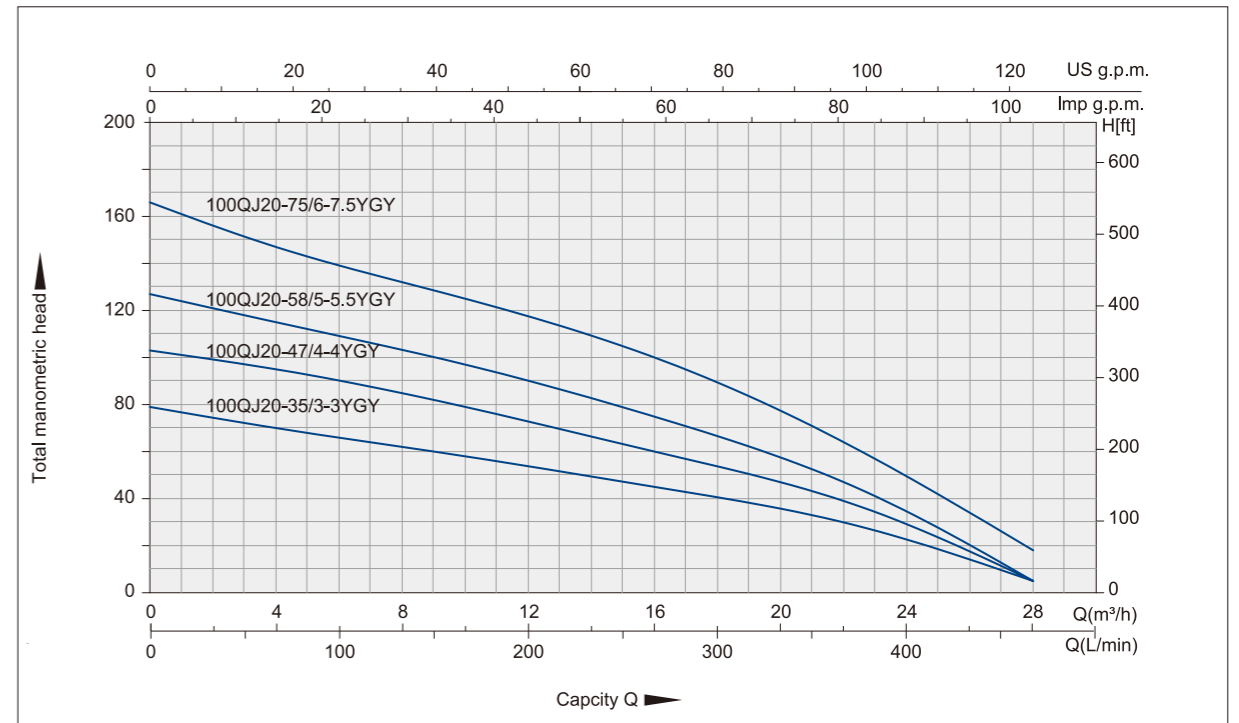
### TECHNICAL TABLE n=3000 r/min

Model	Motor		Capacity							Cylinder packing Dimension(mm)		
	Power (kW)	(HP)	Q(m³/h)	0	3	6	9	12	15	18	External control box	Internal control box
100QJ12-28/2-1.5YGY	1.5	2	49	45	40	35	28	20	9		850×140×150	1390×140×150
100QJ12-42/3-2.2YGY	2.2	3	75	68	60	53	42	30	16		900×140×150	1440×140×150
100QJ12-58/4-3YGY	3	4	100	90	80	69	58	40	20		1000×140×150	1500×140×150
100QJ12-70/5-4YGY	4	5.5	127	115	100	88	70	50	27		1070×140×150	1600×140×150
100QJ12-100/7-5.5YGY	5.5	7.5	175	159	140	124	100	75	37		1250×140×150	1800×140×150
100QJ12-139/9-7.5YGY	7.5	10	237	216	190	170	139	100	62		1410×140×150	1940×140×150

### PERFORMANCE CURVES



### PERFORMANCE CURVES



### TECHNICAL TABLE n=3000 r/min

Model	Motor		Capacity						Cylinder packing Dimension(mm)		
	Power (kW)	(HP)	Q(m³/h)	0	4	10	16	22	28	External control box	Internal control box
100QJ16-45/3-3YGY	3	4	79	70	58	45	30	5		930×140×150	1500×140×150
100QJ16-60/4-4YGY	4	5.5	103	95	79	60	39	5		1070×140×150	1570×140×150
100QJ16-75/5-5.5YGY	5.5	7.5	127	115	97	75	47	5		1250×140×150	1740×140×150
100QJ16-100/6-7.5YGY	7.5	10	166	147	125	100	64	18		1360×140×150	1870×140×150

### TECHNICAL TABLE n=3000 r/min

Model	Motor		Capacity						Cylinder packing Dimension(mm)		
	Power (kW)	(HP)	Q(m³/h)	0	4	10	20	22	28	External control box	Internal control box
100QJ20-35/3-3YGY	3	4	79	70	58	35	30	5		930×140×150	1500×140×150
100QJ20-47/4-4YGY	4	5.5	103	95	79	47	39	5		1070×140×150	1570×140×150
100QJ20-58/5-5.5YGY	5.5	7.5	127	115	97	58	47	5		1250×140×150	1740×140×150
100QJ20-75/6-7.5YGY	7.5	10	166	147	125	75	64	18		1360×140×150	1870×140×150



# QJ-YS Series Stainless Well Pump



### APPLICATION AREA

- For water supply from wells or reservoirs.
- For domestic use, for civil and industrial applications.
- For garden use and irrigation.

### ONE YEAR WARRANTY

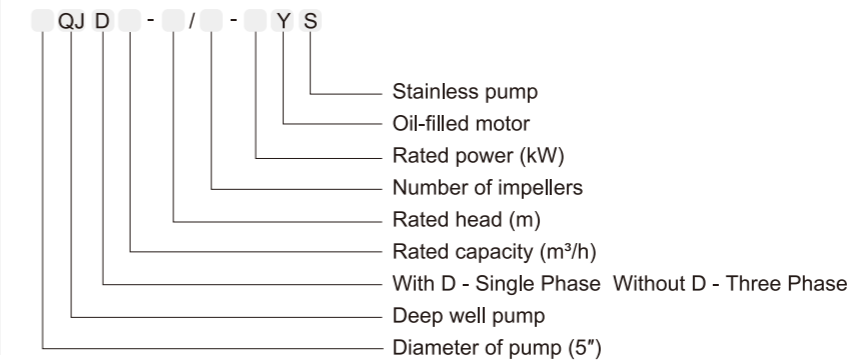
### MOTOR AND PUMP

- Rewindable motor
- Equip with start control box or digital auto-control box
- Pumps are designed by casing stressed
- NEMA dimension standard

### OPERATING LIMITS

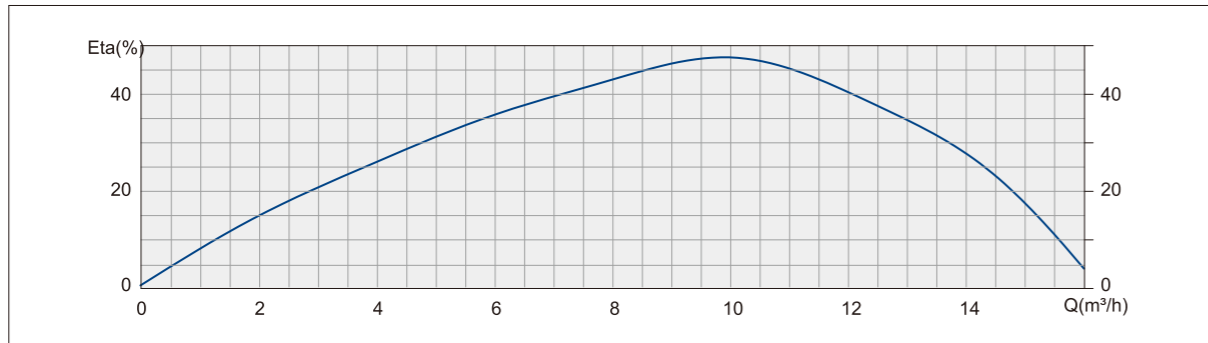
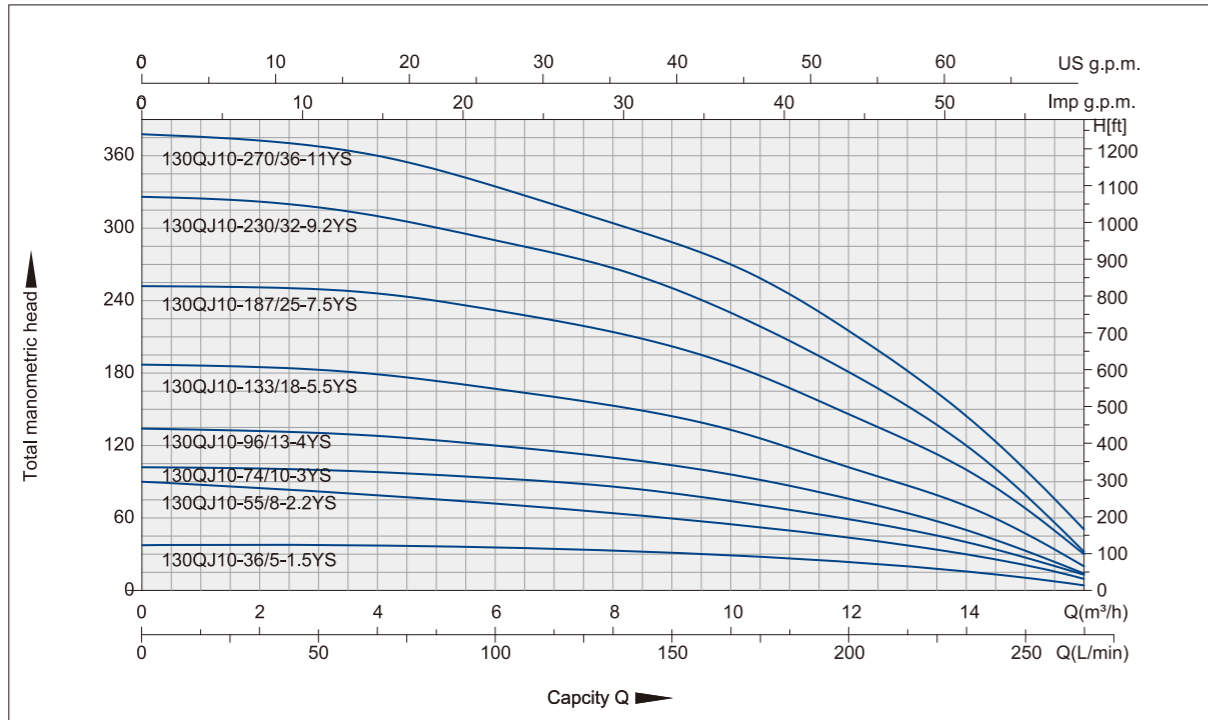
- Maximum fluid temperature: 40 °C
- Maximum sand content: 0.25%
- Maximum immersion: 100m
- Minimum well diameter: 5"/6"

### MODEL INSTRUSTION



Component	Material		Component	Material	
Pump external casing	①AISI 304 SS	②AISI 201 SS	Motor external casing	①AISI 304 SS	②AISI 201 SS
Pump outlet	AISI 304 SS		Oil chamber	HT200	
Pump inlet	AISI 304 SS		Bottom bearing seat	ADC12	
Diffuser	Plastic PC		Mechanical seal	Ceramics-graphite	
Diffuser cover	Plastic PC		Bottom cover	AISI 304 SS	
Impeller	Plastic POM		Shaft	①AISI 304 SS	②2Cr13
Shaft	AISI 304 SS		Bearing	①NSK	②C&U
Shaft coupling	①AISI 304 SS	②2Cr13	Seal lubricant oil	10# food-grade lubricant oil	

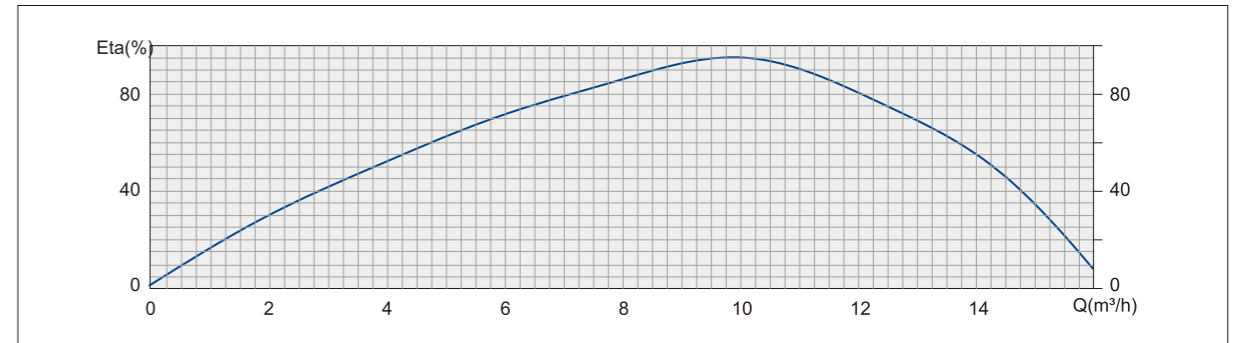
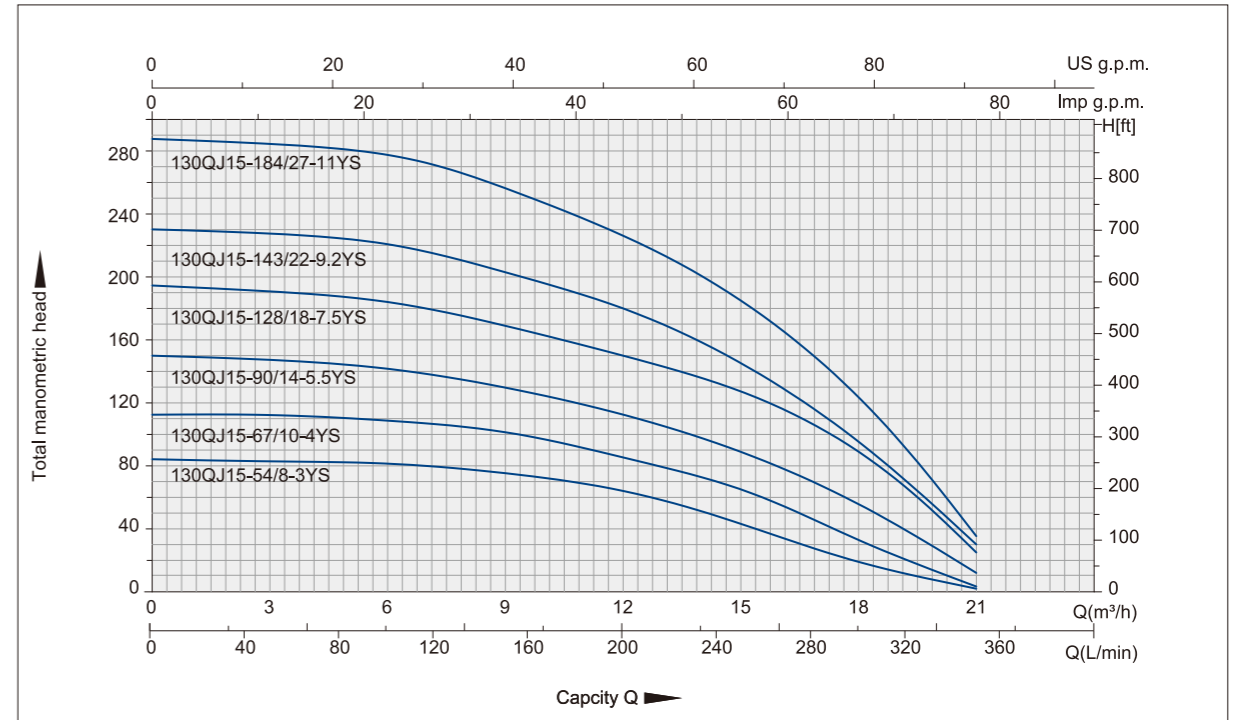
### PERFORMANCE CURVES



### TECHNICAL TABLE n=3000 r/min

Model	Motor		Capacity									
	Power (kW)	(HP)	Q(m³/h)	0	2	4	6	8	10	12	14	16
Single phase 220-240V/50Hz			l/min	0	33	67	100	133	167	200	233	267
130QJ10-36/5-1.5YS	1.5	2	H (m)	50	49	48	45	41	36	28	18	5
130QJ10-55/8-2.2YS	2.2	3		80	78	75	71	65	55	45	29	8
130QJ10-74/10-3YS	3	4		102	101	98	93	86	74	59	40	13
130QJ10-96/13-4YS	4	5.5		134	132	128	120	110	96	76	50	14
130QJ10-133/18-5.5YS	5.5	7.5		187	185	179	167	153	133	102	70	20
130QJ10-187/25-7.5YS	7.5	10		252	251	246	232	214	187	146	100	30
130QJ10-230/32-9.2YS	9.2	12.5		326	322	310	290	267	230	181	120	32
130QJ10-266/36-11YS	11	15		356	352	340	319	298	260	204	135	36

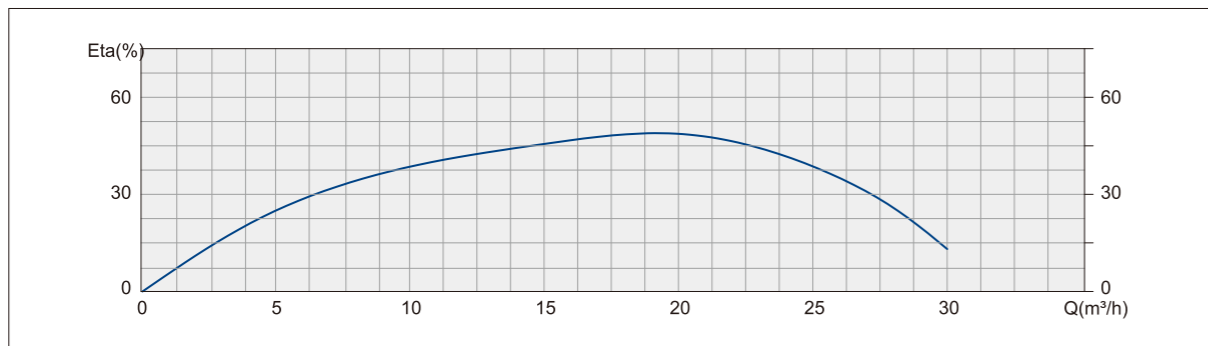
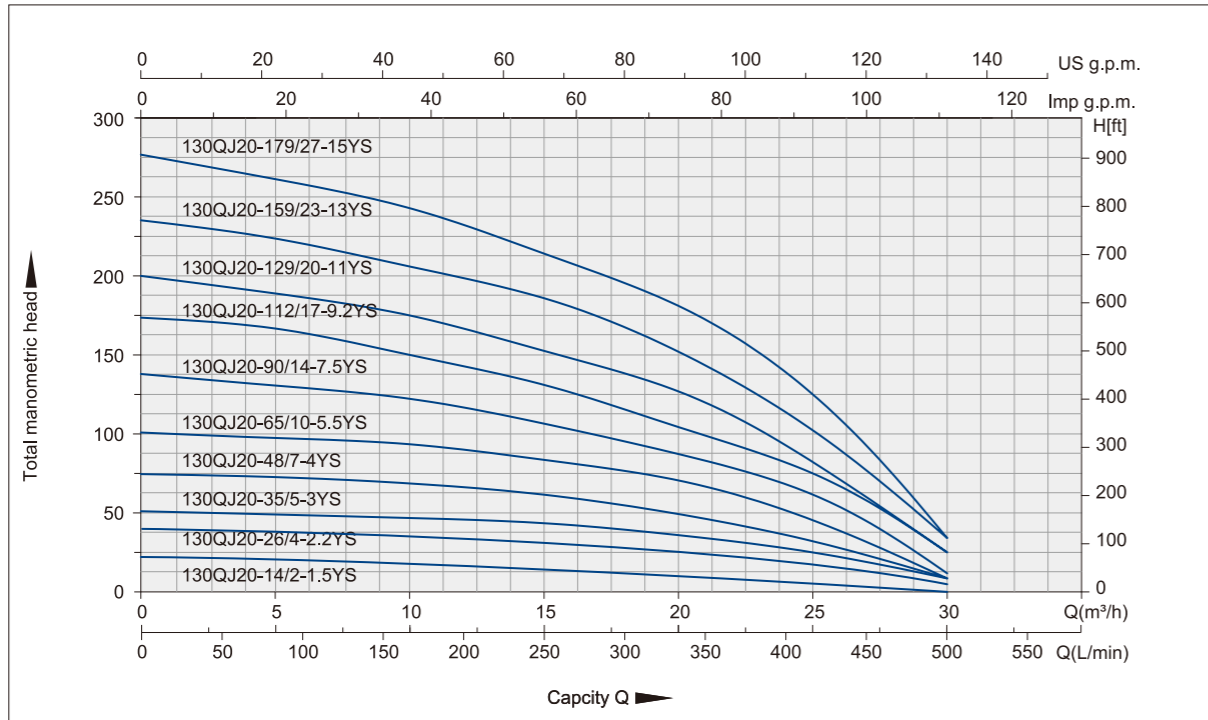
### PERFORMANCE CURVES



### TECHNICAL TABLE n=3000 r/min

Model	Motor		Capacity								
	Power (kW)	(HP)	Q(m³/h)	0	3	6	9	12	15	18	21
Single phase 220-240V/50Hz			l/min	0	50	100	150	200	250	300	350
130QJ15-26/4-1.5YS	1.5	2	H (m)	42	41	40	37	33	26	17	4
130QJ15-38/6-2.2YS	2.2	3		62	61	59	55	48	38	25	5
130QJ15-54/8-3YS	3	4		85	84	82	76	67	54	37	9
130QJ15-67/10-4YS	4	5.5		106	105	104	96	84	67	46	12
130QJ15-90/14-5.5YS	5.5	7.5		149	147	143	131	115	90	58	15
130QJ15-128/18-7.5YS	7.5	10		193	192	187	175	157	128	90	30
130QJ15-143/22-9.2YS	9.2	12.5		232	230	222	206	180	143	86	25
130QJ15-172/27-11YS	11	15		282	278	270	248	218	172	112	30

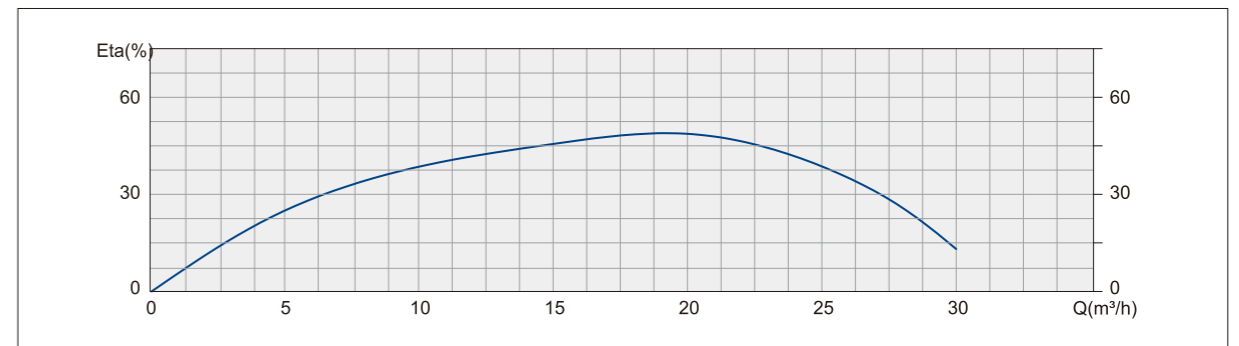
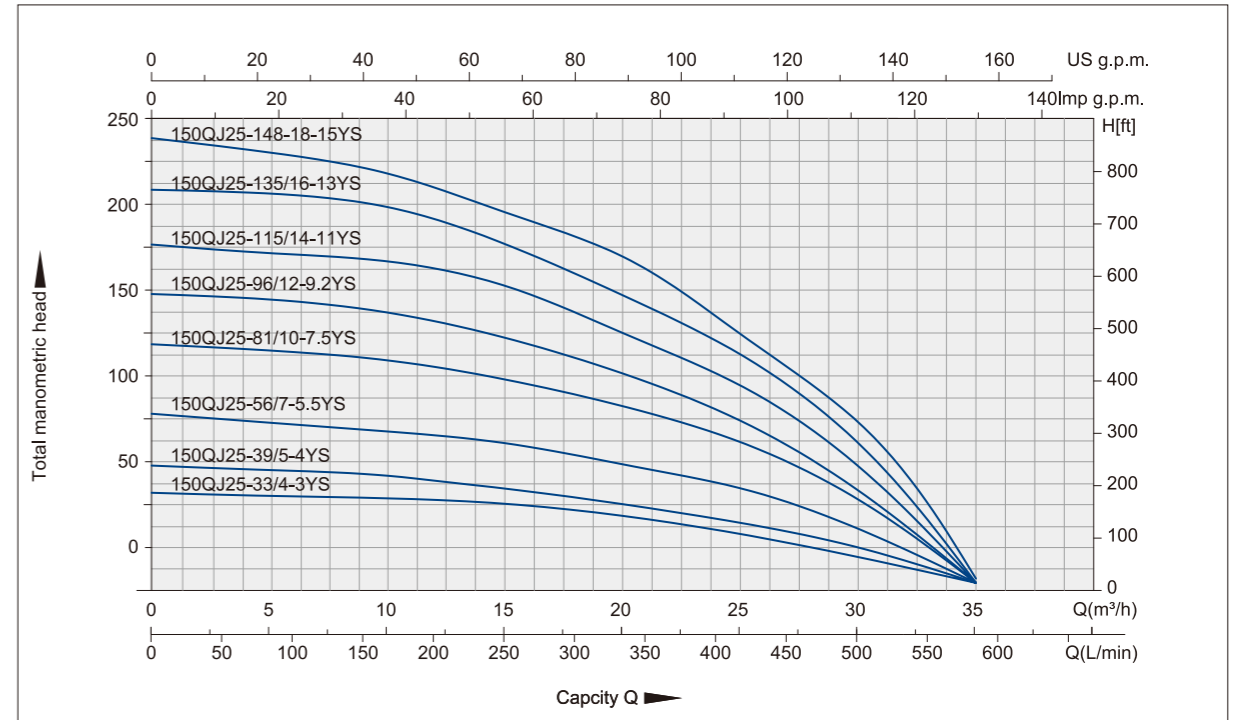
### PERFORMANCE CURVES



### TECHNICAL TABLE n=3000 r/min

Model	Motor		Capacity	Capacity						
	Power (kW)	(HP)		Q(m³/h)	0	5	10	15	20	25
Single phase 220-240V/50Hz			H(m)	0	83	167	250	333	417	500
130QJ20-14/2-1.5YS	1.5	2		20	19	18	16	14	10	4
130QJ20-26/4-2.2YS	2.2	3		40	37	35	31	26	17	7
130QJ20-35/5-3YS	3	4		52	49	46	42	35	25	10
130QJ20-48/7-4YS	4	5.5		71	68	64	58	48	35	10
130QJ20-65/10-5.5YS	5.5	7.5		101	96	90	80	65	43	10
130QJ20-90/14-7.5YS	7.5	10		140	130	122	110	90	62	15
130QJ20-112/17-9.2YS	9.2	12.5		170	162	150	137	112	75	25
130QJ20-129/20-11YS	11	15		200	189	175	156	129	85	25
130QJ20-159/23-13YS	13	17.5		235	222	208	189	159	105	45
130QJ20-179/27-15YS	15	20		276	260	240	219	179	125	45

### PERFORMANCE CURVES

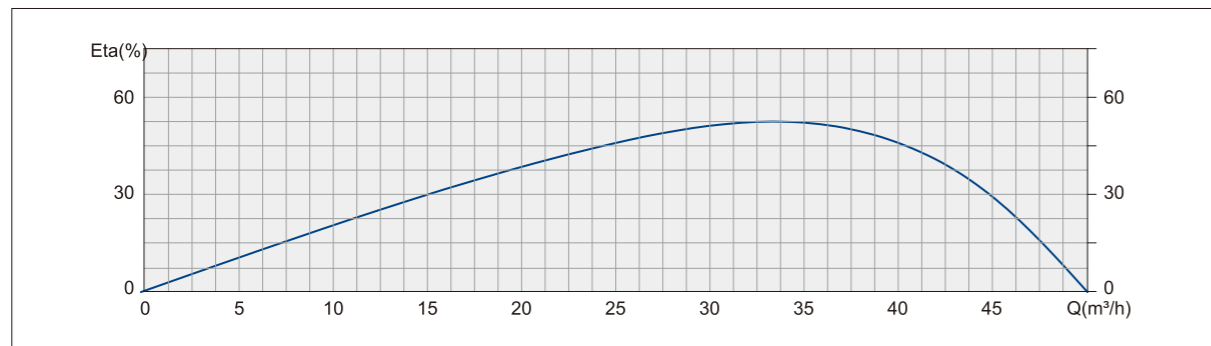
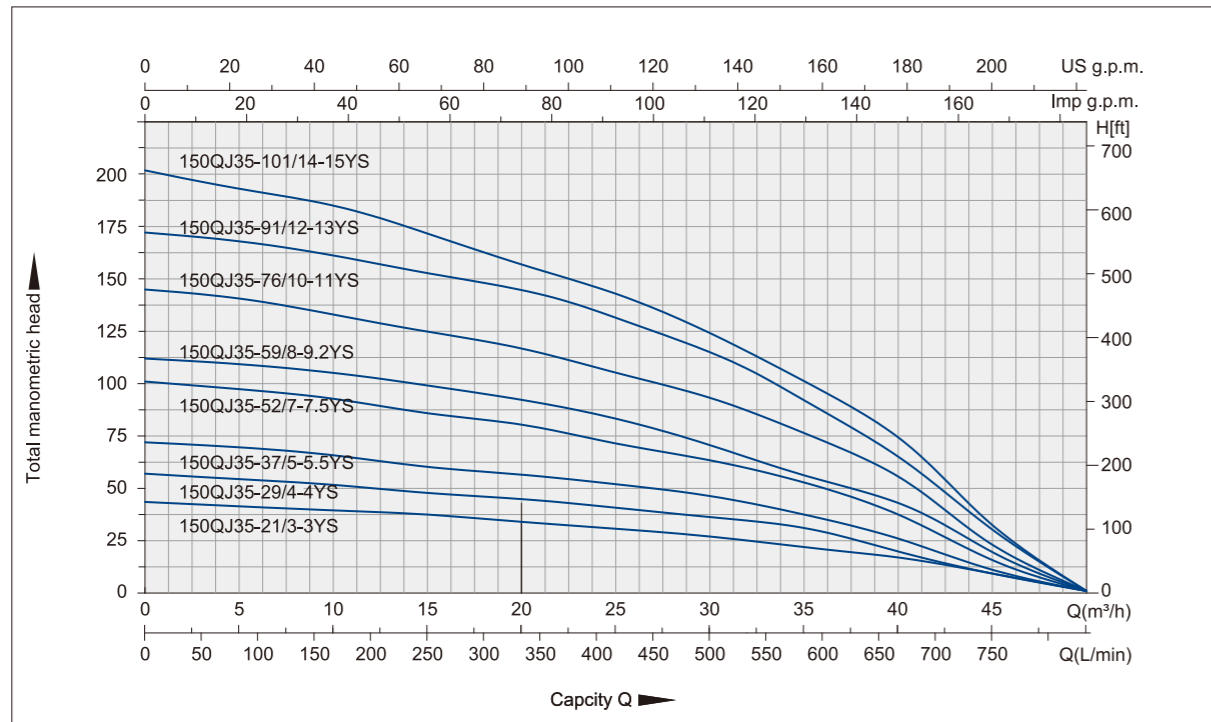


### TECHNICAL TABLE n=3000 r/min

Model	Motor		Capacity	Capacity								
	Power (kW)	(HP)		Q(m³/h)	0	5	10	15	20	25	30	35
Single phase 220-240V/50Hz			H(m)	0	83	167	250	333	417	500	583	
150QJ25-16/2-2.2YS	2.2	3		29	28	27	25	22	16	9	1	
150QJ25-33/4-3YS	3	4		59	57	55	51	44	33	20	2	
150QJ25-39/5-4YS	4	5.5		73	71	68	63	53	40	20	2	
150QJ25-56/7-5.5YS	5.5	7.5		101	98	95	87	74	56	32	2	
150QJ25-81/10-7.5YS	7.5	10		144	140	136	124	107	82	52	2	
150QJ25-96/12-9.2YS	9.2	12.5		171	167	160	146	126	96	57	2	
150QJ25-115/14-11YS	11	15		202	198	191	174	150	115	70	2	
150QJ25-135/16-13YS	13	17.5		233	227	220	202	174	135	84	8	
150QJ25-148-18-15YS	15	20		260	252	244	220	188	148	88	4	



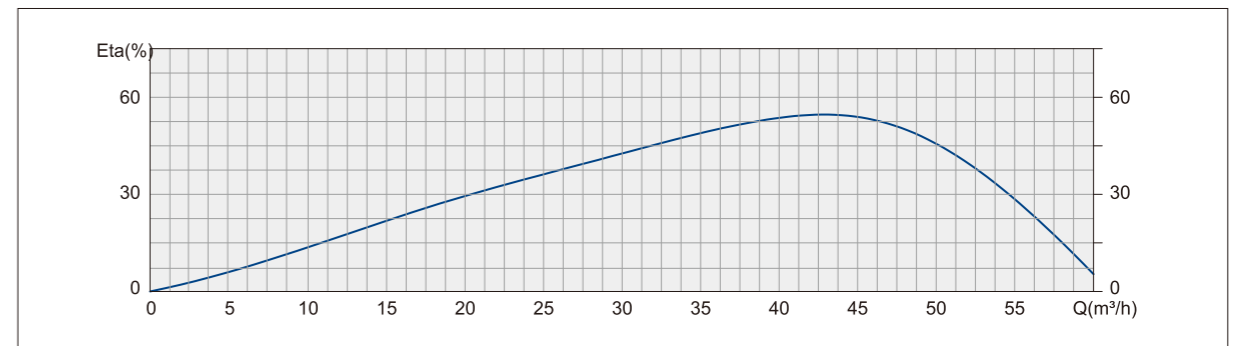
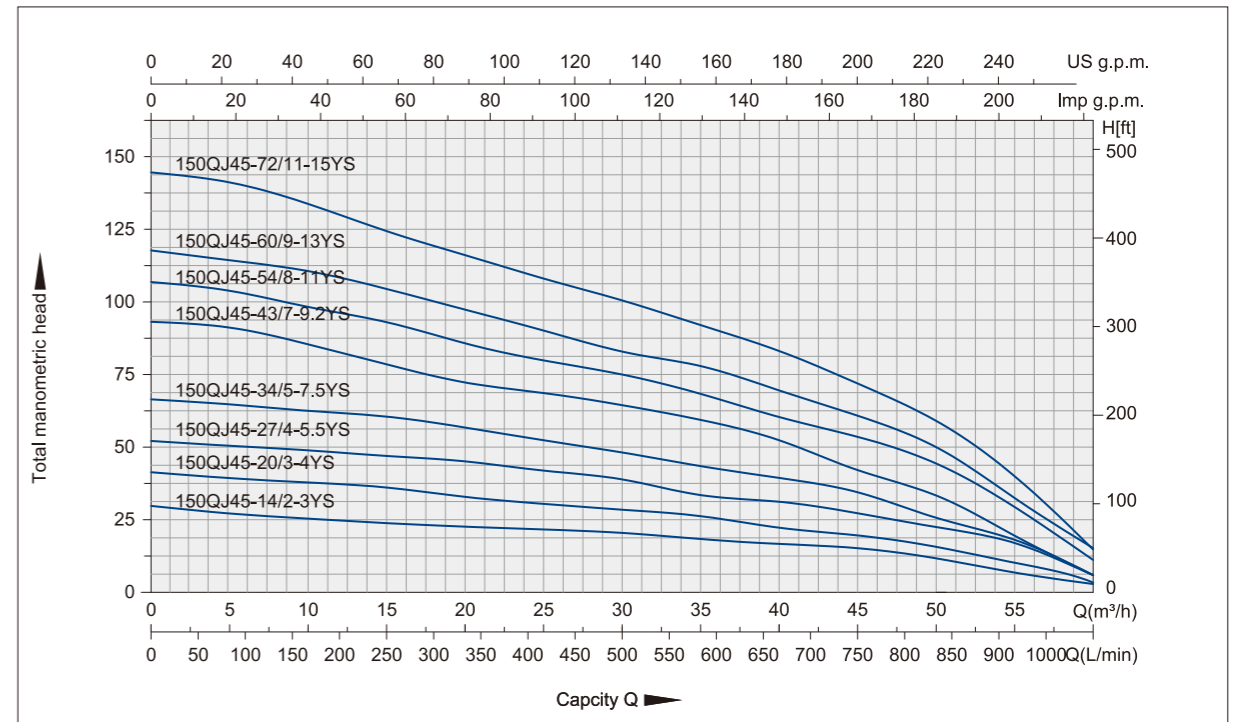
### PERFORMANCE CURVES



### TECHNICAL TABLE n=3000 r/min

Model	Motor		Capacity	Capacity											
	Power (kW)	(HP)		Q(m³/h)	0	5	10	15	20	25	30	35	40	45	50
Single phase 220-240V/50Hz			H (m)	0	83	167	250	333	417	500	583	667	750	833	
150QJ35-14/2-2.2YS	2.2	3	H (m)	27	26	25	23	21	19	16	12	7	3	1	
150QJ35-21/3-3YS	3	4		43	41	39	37	34	32	27	21	17	7	1	
150QJ35-29/4-4YS	4	5.5		57	55	51	48	45	41	35	29	21	7	1	
150QJ35-37/5-5.5YS	5.5	7.5		72	70	65	61	57	52	46	37	26	10	1	
150QJ35-52/7-7.5YS	7.5	10		101	97	92	86	80	73	64	53	37	16	1	
150QJ35-59/8-9.2YS	9.2	12.5		112	110	103	97	92	83	71	59	41	18	1	
150QJ35-76/10-11YS	11	15		145	141	132	123	116	106	92	76	55	24	1	
150QJ35-91/12-13YS	13	17.5		173	168	159	148	139	128	110	92	66	31	1	
150QJ35-101/14-15YS	15	20		202	194	182	169	158	144	124	102	74	28	1	

### PERFORMANCE CURVES



### TECHNICAL TABLE n=3000 r/min

Model	Motor		Capacity	Capacity														
	Power (kW)	(HP)		Q(m³/h)	0	5	10	15	20	25	30	35	40	45	50	55	60	
Single phase 220-240V/50Hz			H (m)	0	83	167	250	333	417	500	583	667	750	833	917	1000		
150QJ45-14/2-3YS	3	4	H (m)	28	27	26	24	23	22	20	18	16	14	11	7	3		
150QJ45-20/3-4YS	4	5.5		40	39	37	34	32	30	28	26	23	20	16	10	4		
150QJ45-27/4-5.5YS	5.5	7.5		53	52	49	45	42	40	38	34	31	27	22	14	6		
150QJ45-34/5-7.5YS	7.5	10		66	65	62	57	54	51	48	44	39	34	26	17	7		
150QJ45-43/7-9.2YS	9.2	12.5		93	90	84	78	73	69	64	58	51	44	33	20	7		
150QJ45-54/8-11YS	11	15		106	103	97	90	84	80	75	69	62	54	44	29	11		
150QJ45-60/9-13YS	13	17.5		120	116	110	102	96	90	84	77	69	61	50	34	14		
150QJ45-72/11-15YS	15	20		145	141	132	122	115	107	100	92	82	71	57	36	13		

