

# TAIFU

Energy Saving Pump  
Domestic Pump



## QB50 CENTRIFUGAL PUMPP

### MACHINERY EQUIPMENT:

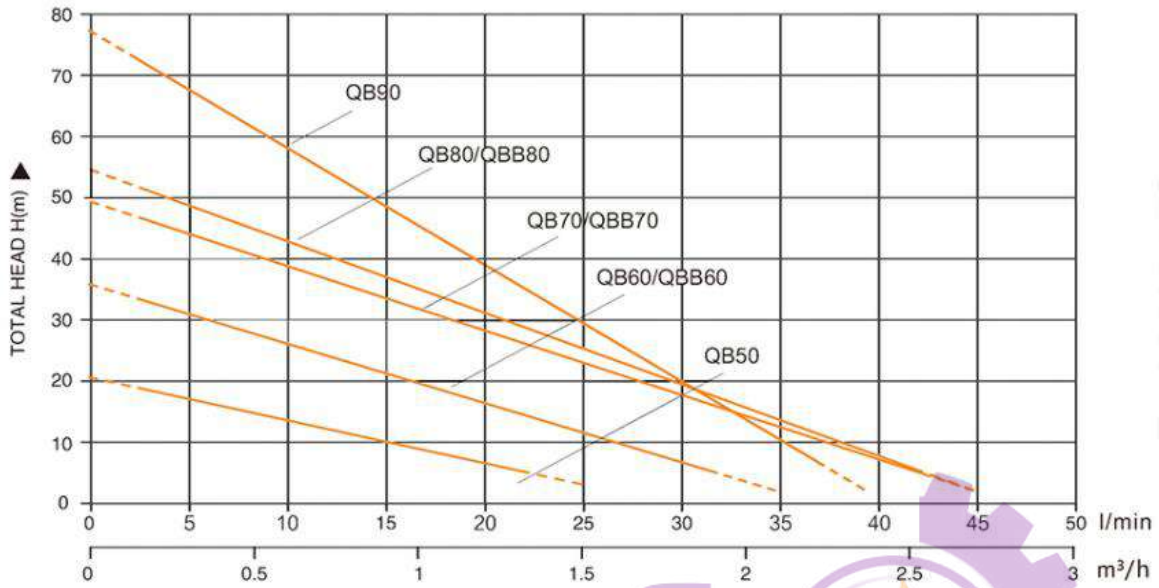
- Produced by most advanced high-speed punching line.
- Adopting DE carbon mechanical seal, prolong service life 170%.
- Class-F copper wire, motor heat resistance up to 155°C.
- Anti-rust, wear-resistant and high precision.
- 100% High precision rotor fault detection test.
- Welded stainless steel rotor shaft.
- Thickened and reinforced, stable and durable.
- Cooling sink area increased by 20%.
- Thickness of motor body and foot increased by 20%.
- Adopting original Japanese-imported casting line.
- High strength and corrosion resistant.
- 100% Electrophoresis treatment for anti-rusted.
- Anti-strike and anti-aging.
- Reinforcing nylon material.
- Anti-drop test 0.8 meters withstand 500g.
- Brass.
- 100% export, sold more than 50 million units to more than 100 countries.



### Performance:

Model	Power		Inlet/Outlet (In)	Max.Suct (m)	Max.Flow (l/min)	Q(m <sup>3</sup> /h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7		
	kW	hp					0	5	10	15	20	25	30	35	40	45		
QB50	0.22	0.3	1" x 1"	8	25	H(m)	20	17	15	10	5	2						
QB60/QBB60	0.37	0.5	1" x 1"	8	35		35	27	25	18	14	11	5	2				
QB70/QBB70	0.55	0.75	1" x 1"	8	45		48	44	40	37	31	20	16	13	2.5			
QB80/QBB80	0.75	1.0	1" x 1"	8	45		53	45	44	37	27	20	16	13	4	2		
QB90	0.9	1.2	1" x 1"	8	45		75	60	58	41	35	30	22	18	12	2		

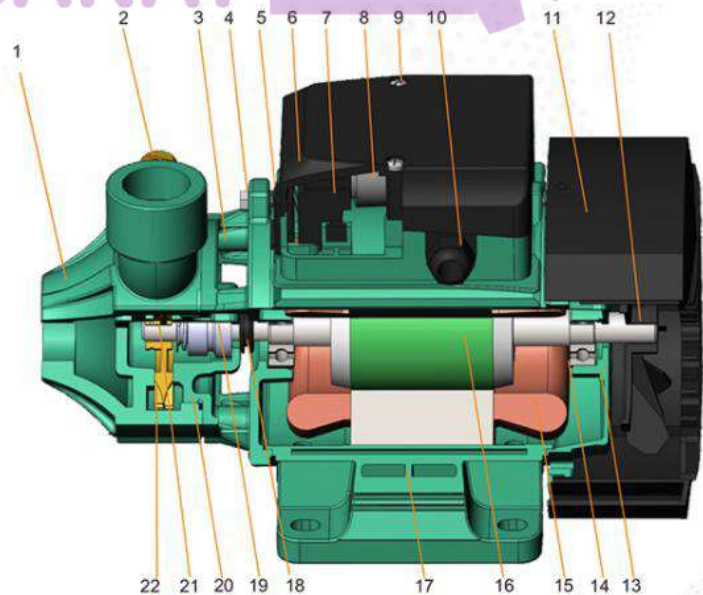
## Flow Rate:



## Structure Chart:

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- |                         |                     |
|-------------------------|---------------------|
| 1. Pump body            | 16. Rotor           |
| 2. Bolt                 | 17. Motor body      |
| 3. Motor front cover    | 18. Washer          |
| 4. Bolt                 | 19. Mechanical seal |
| 5. Cable sheath         | 20. O-ring          |
| 6. Terminal box         | 21. Impeller key    |
| 7. Terminal block       | 22. Impeller        |
| 8. Capacitor            |                     |
| 9. Bolt                 |                     |
| 10. Cable flange sheath |                     |
| 11. Fan cover           |                     |
| 12. Fan                 |                     |
| 13. Motor end cover     |                     |
| 14. Bearing             |                     |
| 15. Coil                |                     |





## QB90 CENTRIFUGAL PUMP

### MACHINERY EQUIPMENT:

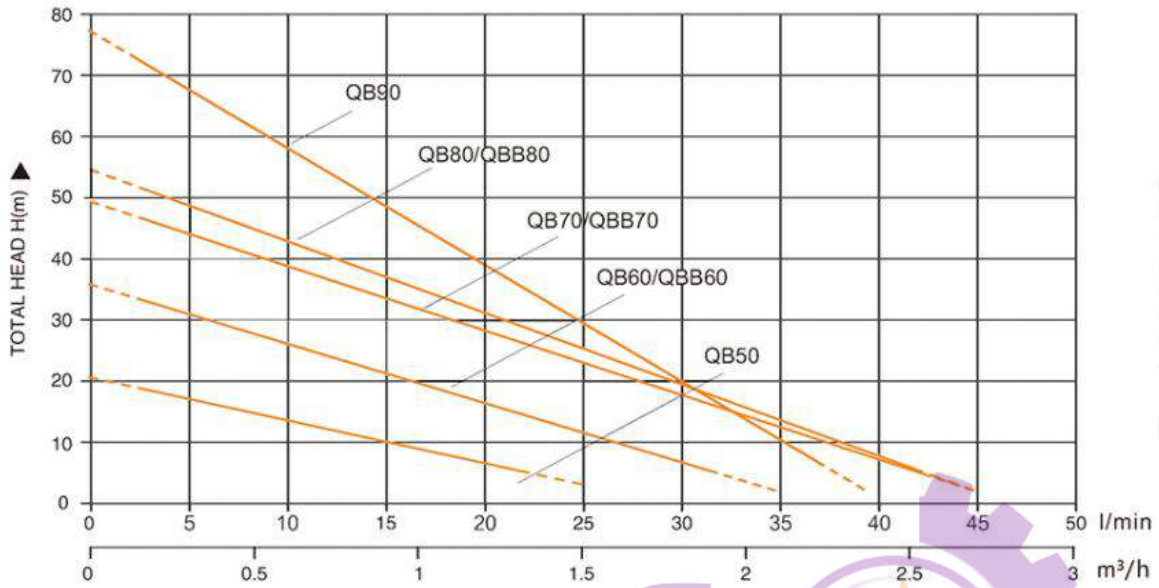
- Produced by most advanced high-speed punching line.
- Adopting DE carbon mechanical seal, prolong service life 170%.
- Class-F copper wire, motor heat resistance up to 155°C.
- Anti-rust, wear-resistant and high precision.
- 100% High precision rotor fault detection test.
- Welded stainless steel rotor shaft.
- Thickened and reinforced, stable and durable.
- Cooling sink area increased by 20%.
- Thickness of motor body and foot increased by 20%.
- Adopting original Japanese-imported casting line.
- High strength and corrosion resistant.
- 100% Electrophoresis treatment for anti-rusted.
- Anti-strike and anti-aging.
- Reinforcing nylon material.
- Anti-drop test 0.8 meters withstand 500g.
- Brass.
- 100% export, sold more than 50 million units to more than 100 countries.



### Performance:

Model	Power		Inlet/Outlet (In)	Max.Suct (m)	Max.Flow (l/min)	Q(m <sup>3</sup> /h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7		
	kW	hp					0	5	10	15	20	25	30	35	40	45		
QB50	0.22	0.3	1" × 1"	8	25	H(m)	20	17	15	10	5	2						
QB60/QBB60	0.37	0.5	1" × 1"	8	35		35	27	25	18	14	11	5	2				
QB70/QBB70	0.55	0.75	1" × 1"	8	45		48	44	40	37	31	20	16	13	2.5			
QB80/QBB80	0.75	1.0	1" × 1"	8	45		53	45	44	37	27	20	16	13	4	2		
QB90	0.9	1.2	1" × 1"	8	45		75	60	58	41	35	30	22	18	12	2		

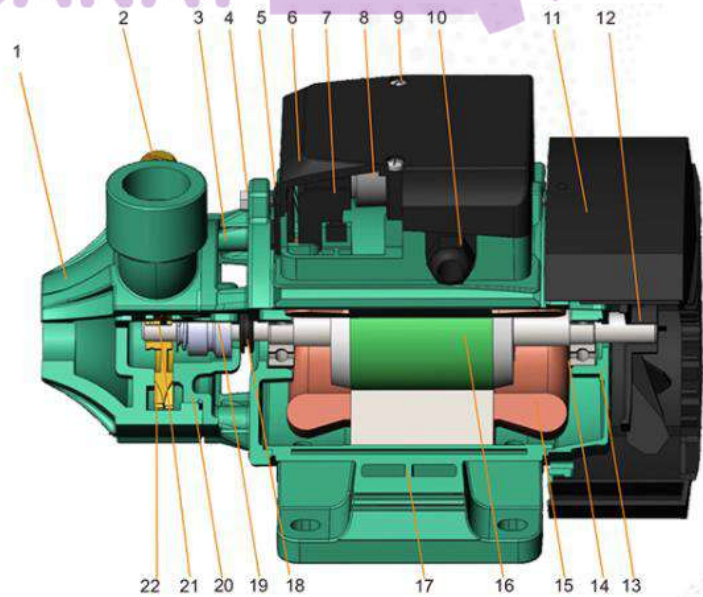
## Flow Rate:



## Structure Chart:

آتور صنعت  
ATOORSANAT

- |                         |                     |
|-------------------------|---------------------|
| 1. Pump body            | 16. Rotor           |
| 2. Bolt                 | 17. Motor body      |
| 3. Motor front cover    | 18. Washer          |
| 4. Bolt                 | 19. Mechanical seal |
| 5. Cable sheath         | 20. O-ring          |
| 6. Terminal box         | 21. Impeller key    |
| 7. Terminal block       | 22. Impeller        |
| 8. Capacitor            |                     |
| 9. Bolt                 |                     |
| 10. Cable flange sheath |                     |
| 11. Fan cover           |                     |
| 12. Fan                 |                     |
| 13. Motor end cover     |                     |
| 14. Bearing             |                     |
| 15. Coil                |                     |



## QB60 CENTRIFUGAL PUMP

### MACHINERY EQUIPMENT:

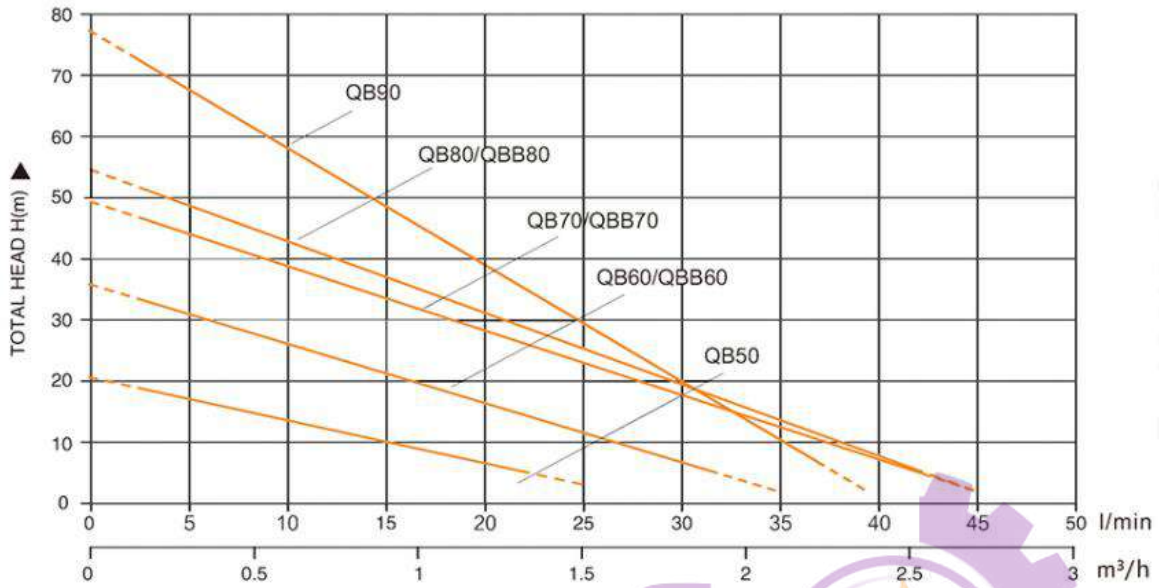
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- Anti-rust, wear-resistant and high precision.
- 100% High precision rotor fault detection test.
- Welded stainless steel rotor shaft.
- Thickened and reinforced, stable and durable.
- Cooling sink area increased by 20%.
- Thickness of motor body and foot increased by 20%.
- Adopting original Japanese-imported casting line.
- High strength and corrosion resistant.
- 100% Electrophoresis treatment for anti-rusted.
- Anti-strike and anti-aging.
- Reinforcing nylon material.
- Anti-drop test 0.8 meters withstand 500g.
- Brass.
- 100% export, sold more than 50 million units to more than 100 countries.



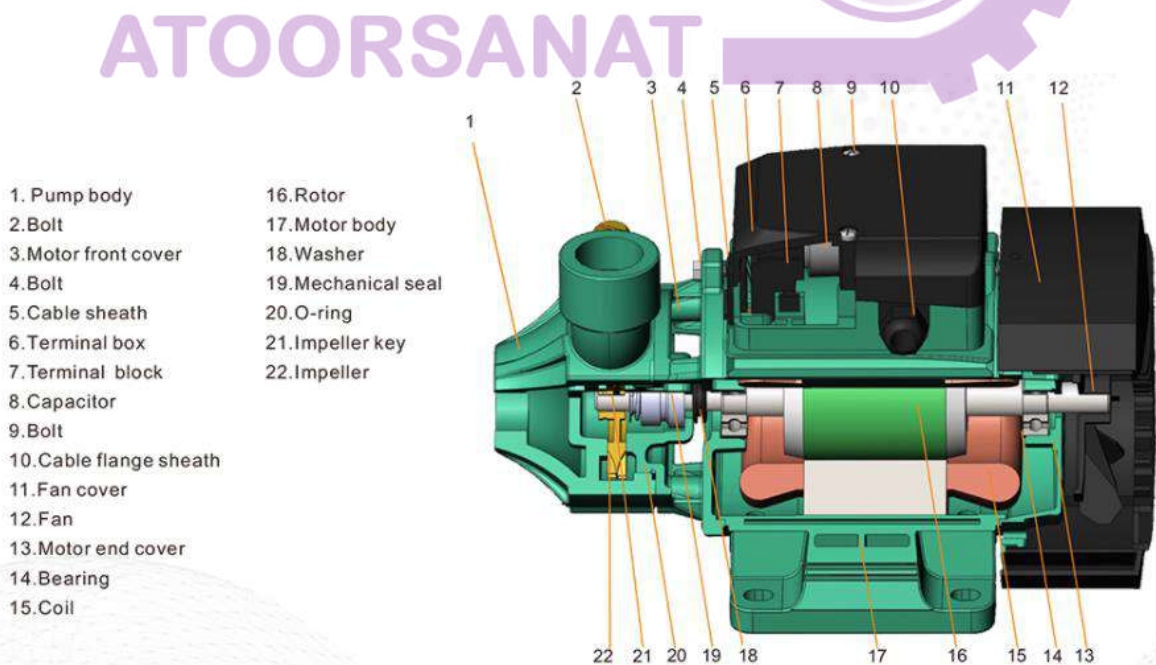
### Performance:

Model	Power		Inlet/Outlet (In)	Max.Suct (m)	Max.Flow (l/min)	Q(m <sup>3</sup> /h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7		
	kW	hp					0	5	10	15	20	25	30	35	40	45		
QB50	0.22	0.3	1" x 1"	8	25	H(m)	20	17	15	10	5	2						
QB60/QBB60	0.37	0.5	1" x 1"	8	35		35	27	25	18	14	11	5	2				
QB70/QBB70	0.55	0.75	1" x 1"	8	45		48	44	40	37	31	20	16	13	2.5			
QB80/QBB80	0.75	1.0	1" x 1"	8	45		53	45	44	37	27	20	16	13	4	2		
QB90	0.9	1.2	1" x 1"	8	45		75	60	58	41	35	30	22	18	12	2		

## Flow Rate:



## Structure Chart:

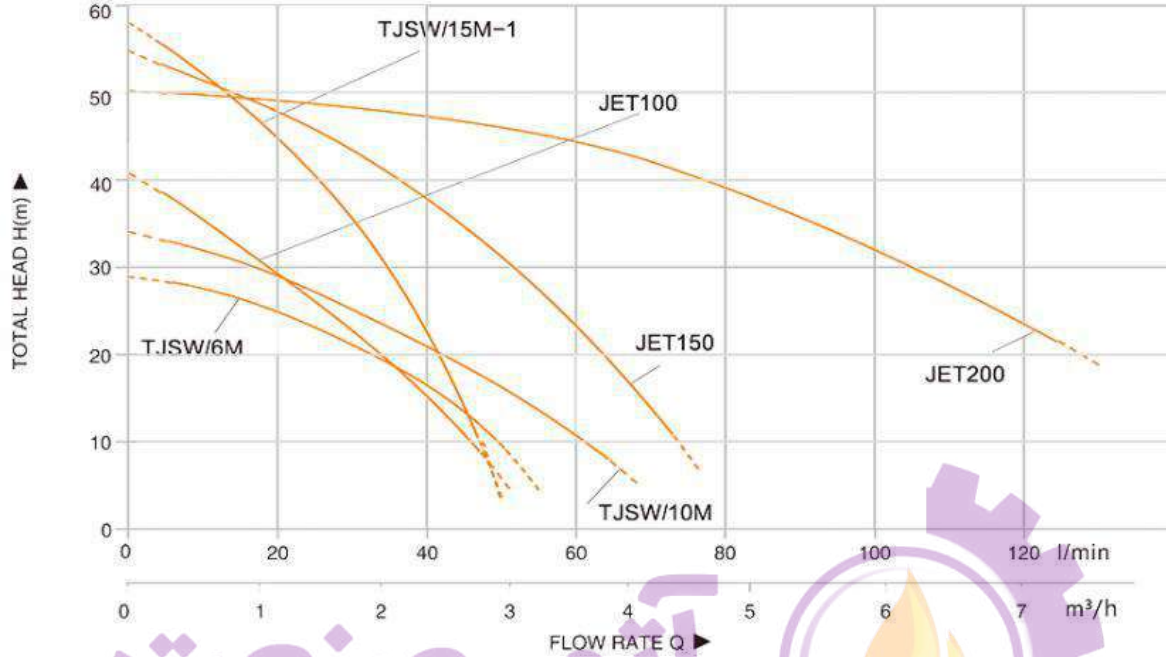






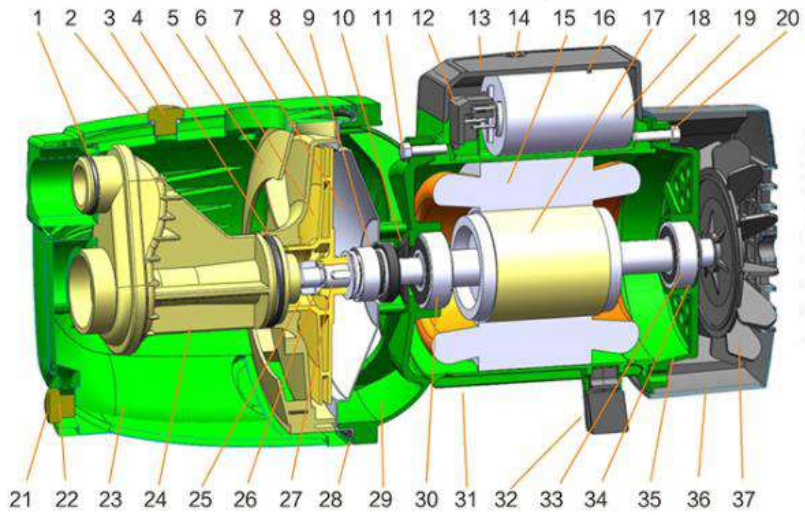


## Flow Rate:



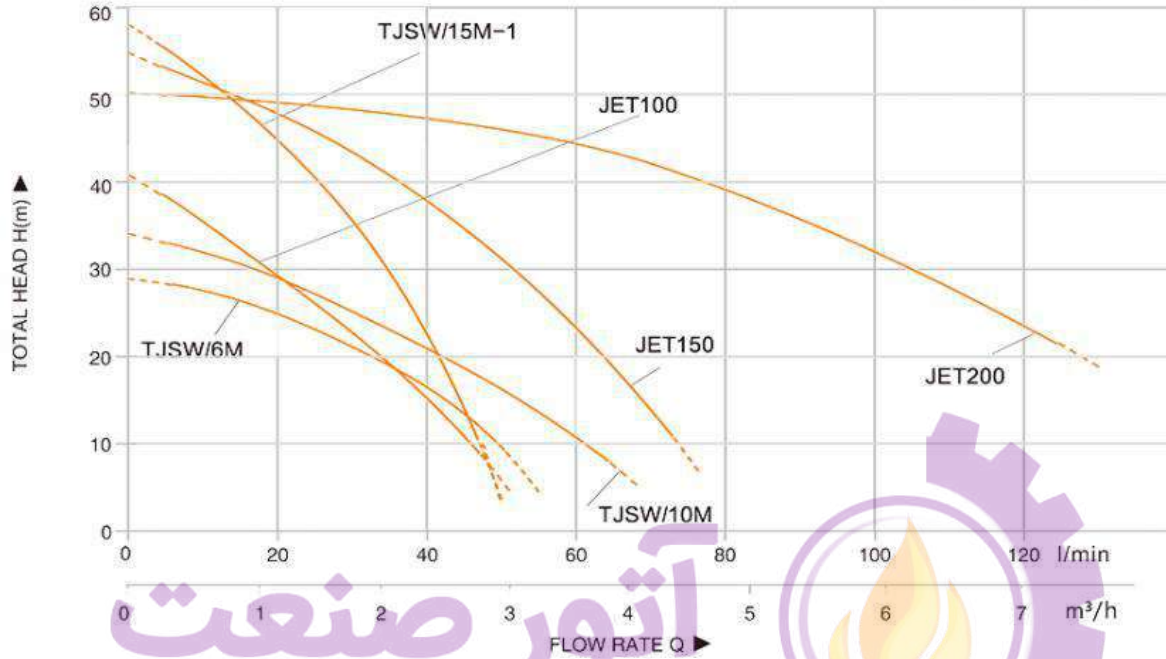
## Structure Chart:

- |                     |                    |
|---------------------|--------------------|
| 1.O-ring            | 20.Screw           |
| 2.O-ring            | 21.Bolt            |
| 3.Bolt              | 22.O-ring          |
| 4.O-ring            | 23.Pump body       |
| 5.Diffuser          | 24.Ejector         |
| 6.Impeller          | 25.Nut             |
| 7.Motor front cover | 26.Spring washer   |
| 8.O-ring            | 27.Impeller key    |
| 9.Mechanical seal   | 28.Screw           |
| 10.Water washer     | 29.Brace           |
| 11.Screw            | 30.Bearing         |
| 12.Terminal block   | 31.Motor body      |
| 13.Terminal cover   | 32.Motor foot      |
| 14.Screw            | 33.Bearing         |
| 15.Stator           | 34.Spring washer   |
| 16.O-ring           | 35.Motor end cover |
| 17.Rotor            | 36.Fan cover       |
| 18.Capacitor        | 37.Fan             |
| 19.Screw            |                    |



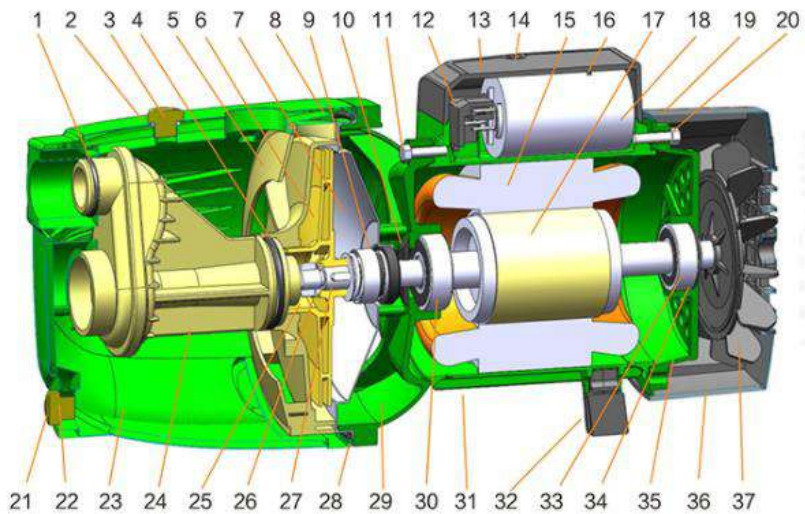


## Flow Rate:



## Structure Chart:

- |                     |                    |
|---------------------|--------------------|
| 1.O-ring            | 20.Screw           |
| 2.O-ring            | 21.Bolt            |
| 3.Bolt              | 22.O-ring          |
| 4.O-ring            | 23.Pump body       |
| 5.Diffuser          | 24.Ejector         |
| 6.Impeller          | 25.Nut             |
| 7.Motor front cover | 26.Spring washer   |
| 8.O-ring            | 27.Impeller key    |
| 9.Mechanical seal   | 28.Screw           |
| 10.Water washer     | 29.Brace           |
| 11.Screw            | 30.Bearing         |
| 12.Terminal block   | 31.Motor body      |
| 13.Terminal cover   | 32.Motor foot      |
| 14.Screw            | 33.Bearing         |
| 15.Stator           | 34.Spring washer   |
| 16.O-ring           | 35.Motor end cover |
| 17.Rotor            | 36.Fan cover       |
| 18.Capacitor        | 37.Fan             |
| 19.Screw            |                    |





## TCP130(TCP158) CENTRIFUGAL PUMP

### MACHINERY EQUIPMENT:

- Produced by most advanced high-speed punching line.
- Adopting DE carbon mechanical seal, prolong service life 170%.
- Class-F copper wire, motor heat resistance up to 155°C.
- Anti-rust, wear-resistant and high precision.
- 100% High precision rotor fault detection test.
- Welded stainless steel rotor shaft.
- Thickened and reinforced, stable and durable.
- Cooling sink area increased by 20%.
- Thickness of motor body and foot increased by 20%.
- Adopting original Japanese-imported casting line.
- High strength and corrosion resistant.
- 100% Electrophoresis treatment for anti-rusted.
- Anti-strike and anti-aging.
- Reinforcing nylon material.
- Anti-drop test 0.8 meters withstand 500g.
- Brass.
- 100% export, sold more than 50 million units to more than 100 countries.

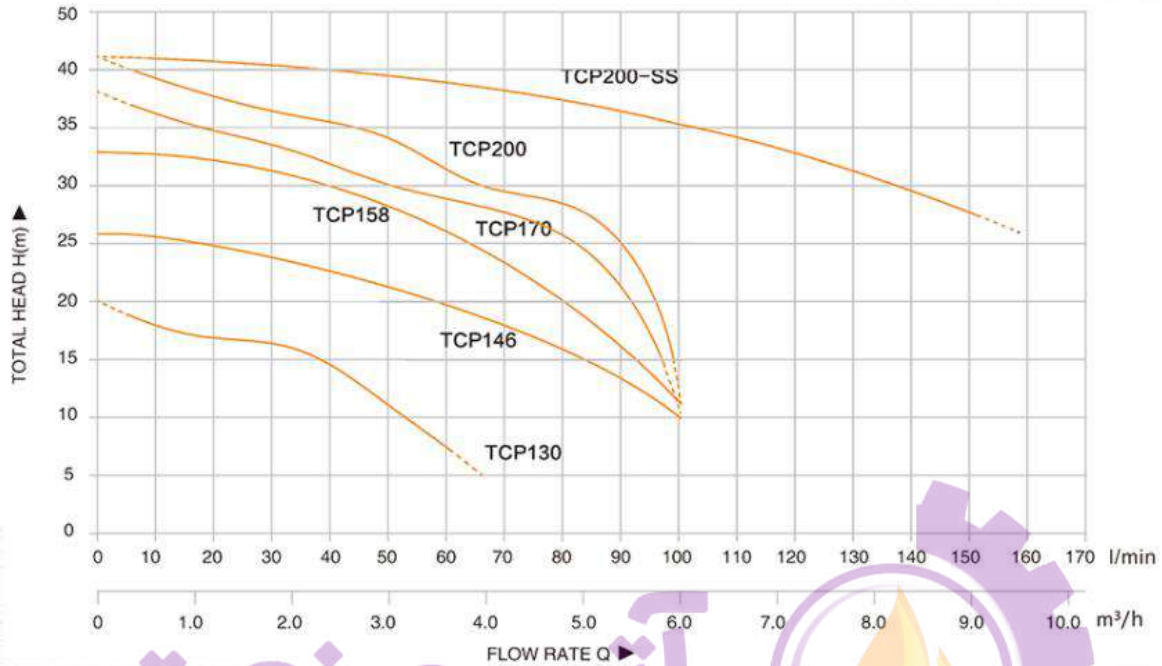


### Performance:

s

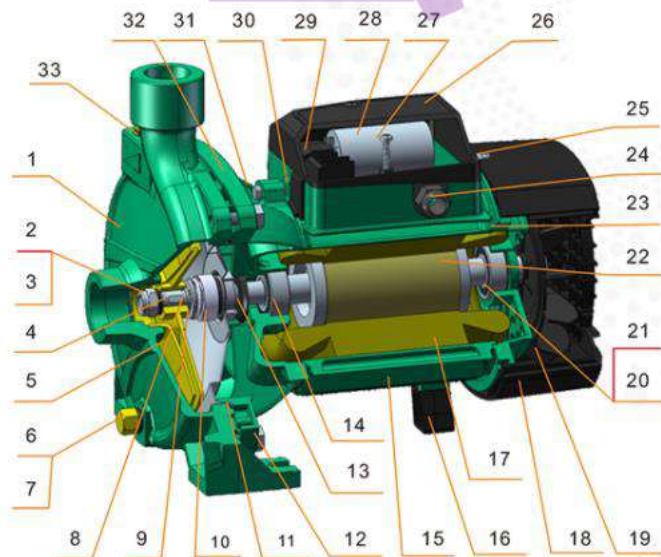
Model	Power		Inlet/Outlet (In)	Max.Suct (m)	Max.Flow (l/min)	Q(m <sup>3</sup> /h)	0	1	2	3	4	5	6	7	8	9.5	
	kW	hp					0	17	33	50	67	83	100	117	133	158	
TCP130	0.37	0.5	1"X1"	8	86	H(m)	20	17.5	16	11	5						
TCP146	0.55	0.75	1"X1"	8	102		26.5	23	21	19	17	14	10				
TCP158	0.75	1.0	1"X1"	8	105		33	27	26	24	21	17	13				
TCP170	1.1	1.5	1"X1"	8	100		38	35	33	31	28	25	10				
TCP200	1.5	2.0	1"X1"	8	120		41	38	36	34	31	27	10				
TCP200-SS	1.5	2.0	1.25"X1"	8	158		41	40.7	40.5	39.5	38.5	37	35	32.5	30	25.5	

## Flow Rate:



## Structure Chart:

- |                     |                    |
|---------------------|--------------------|
| 1.Pump body         | 18.Fan cover       |
| 2.Bolt              | 19.Fan             |
| 3.Spring washer     | 20.Bearing         |
| 4.Impeller key      | 21.Spring washer   |
| 5.Impeller          | 22.Rotor           |
| 6.Bolt              | 23.Motor end cover |
| 7.O-ring            | 24.Cable sheath    |
| 8.External circlips | 25.Bolt            |
| 9.Falt washer       | 26.Terminal Block  |
| 10.Mechanical seal  | 27.Bolt            |
| 11.O-ring           | 28.Capacitor       |
| 12.Bolt             | 29.Terminal Block  |
| 13.Washer           | 30.Cable plug      |
| 14.Bearing          | 31.Bolt            |
| 15.Motor body       | 32.Joint           |
| 16.Motor foot       | 33.Bolt            |
| 17.Stator           |                    |



# TCP170(TCP200) CENTRIFUGAL PUMP

## MACHINERY EQUIPMENT:

- Produced by most advanced high-speed punching line.
- Adopting DE carbon mechanical seal, prolong service life 170%.
- Class-F copper wire, motor heat resistance up to 155°C.
- Anti-rust, wear-resistant and high precision.
- 100% High precision rotor fault detection test.
- Welded stainless steel rotor shaft.
- Thickened and reinforced, stable and durable.
- Cooling sink area increased by 20%.
- Thickness of motor body and foot increased by 20%.
- Adopting original Japanese-imported casting line.
- High strength and corrosion resistant.
- 100% Electrophoresis treatment for anti-rusted.
- Anti-strike and anti-aging.
- Reinforcing nylon material.
- Anti-drop test 0.8 meters withstand 500g.
- Brass.
- 100% export, sold more than 50 million units to more than 100 countries.



## Performance:

Model	Power		Inlet/Outlet (In)	Max.Suct (m)	Max.Flow (l/min)	Q(m <sup>3</sup> /h)	0	1	2	3	4	5	6	7	8	9.5	
	kW	hp					0	17	33	50	67	83	100	117	133	158	
TCP130	0.37	0.5	1"X1"	8	86	H(m)	20	17.5	16	11	5						
TCP146	0.55	0.75	1"X1"	8	102		26.5	23	21	19	17	14	10				
TCP158	0.75	1.0	1"X1"	8	105		33	27	26	24	21	17	13				
TCP170	1.1	1.5	1"X1"	8	100		38	35	33	31	28	25	10				
TCP200	1.5	2.0	1"X1"	8	120		41	38	36	34	31	27	10				
TCP200-SS	1.5	2.0	1.25"X1"	8	158		41	40.7	40.5	39.5	38.5	37	35	32.5	30	25.5	





## 2TCP25/140M DOUBLE BRASS IMPELLERS PUMP

### Pump Features:

- Brass impeller.
- Crash Pad to reduce vibration & anti-noise.



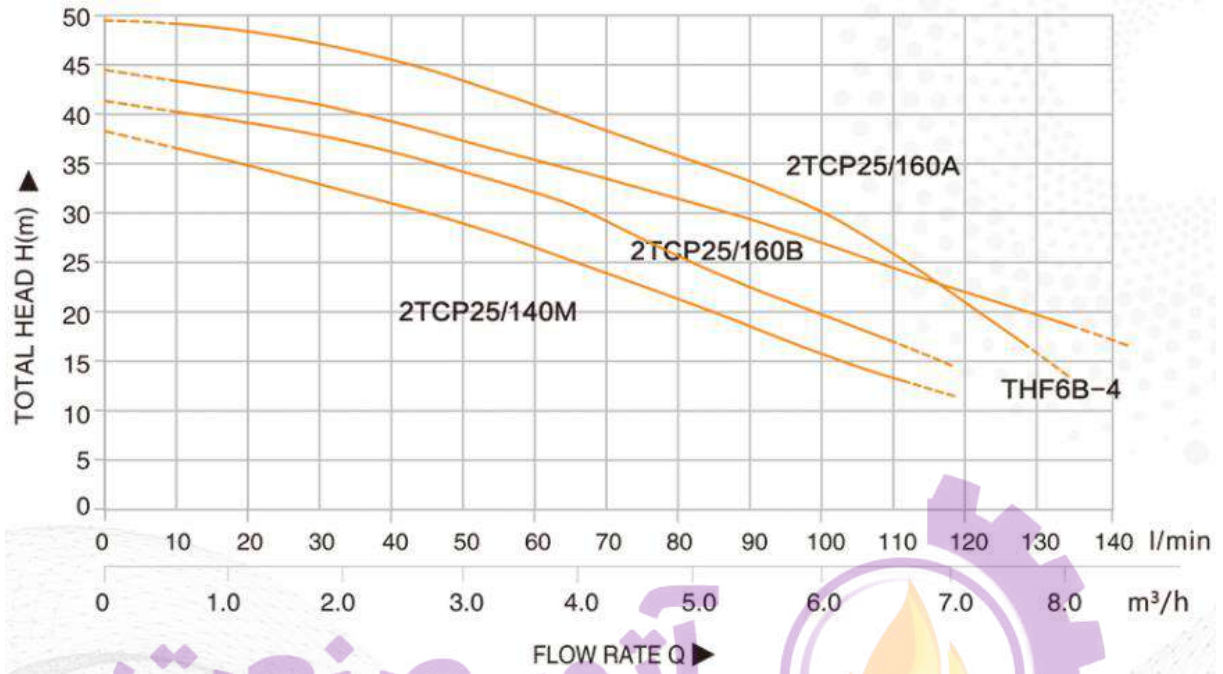
### OPERATING LIMITS:

- Fluid temperature up to +35°C.
- Maximum ambient temperature +40°C.

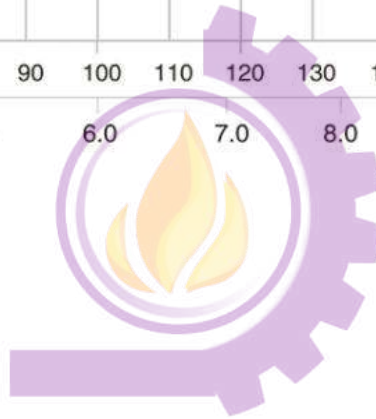
### Performance:

Model	Power		Inlet/Outlet (In)	Max.Suct (m)	Max.Flow (l/min)	Q(m <sup>3</sup> /h)	0	1	2	3	4	5	6	7	8	9	10	11	
	kW	hp					Q(l/min)	0	17	33	50	67	83	100	117	133	150	167	183
2TCP25/140M	1.1	1.5	1.5" x 1"	8	117	H(m)	39	36	33	30	26	22	17	12					
2TCP25/160B	1.5	2.0	1.5" x 1"	8	122		42	40	38	35	32	26	21	16					
2TCP25/160A	2.2	3.0	1.5" x 1.25"	8	130		50	49	47	44	40	36	31	23	15				
THF6B-4	1.9	2.5	2" x 2"	8	200		45	43	41	37	35	32	28	24	20	15	12	5	

**Flow Rate:**



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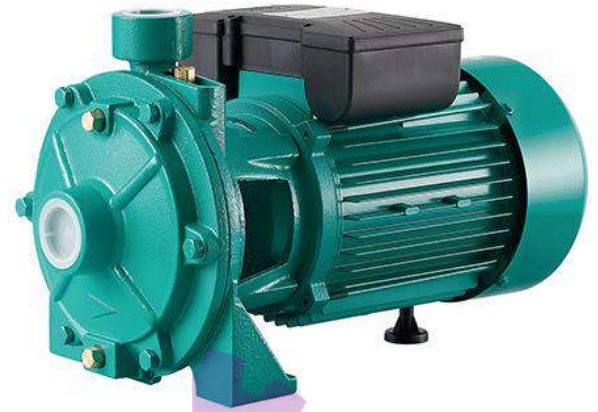




## 2TCP25/160A DOUBLE BRASS IMPELLERS PUMP

### Pump Features:

- Brass impeller.
- Crash Pad to reduce vibration & anti-noise.



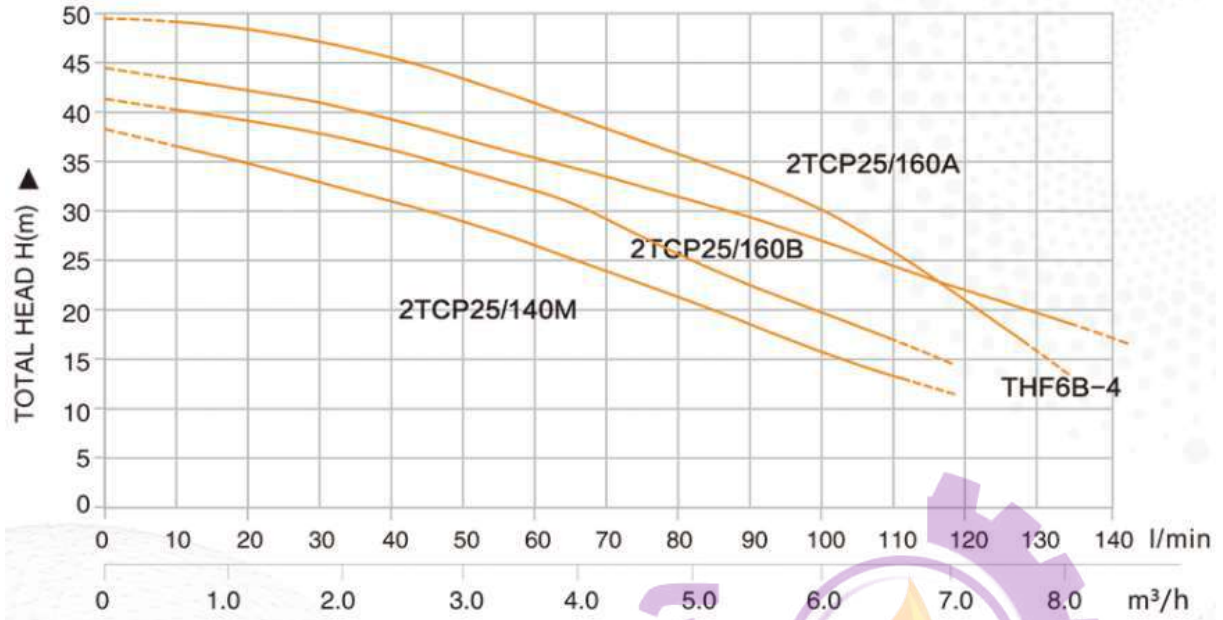
### OPERATING LIMITS:

- Fluid temperature up to +35°C.
- Maximum ambient temperature +40°C.

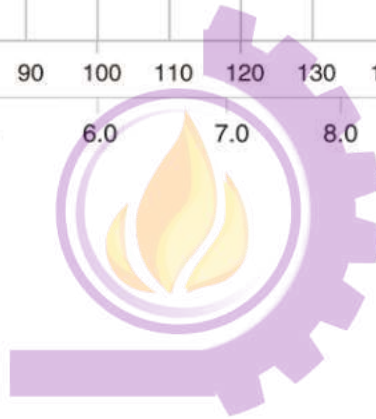
### Performance:

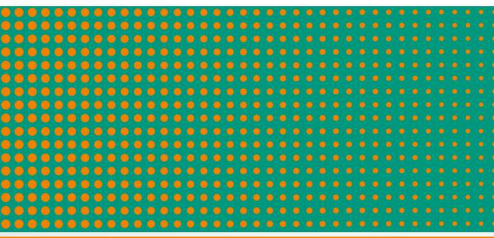
Model	Power		Inlet/Outlet (In)	Max.Suct (m)	Max.Flow (l/min)	Q(m <sup>3</sup> /h)	0	1	2	3	4	5	6	7	8	9	10	11	
	kW	hp					Q(l/min)	0	17	33	50	67	83	100	117	133	150	167	183
2TCP25/140M	1.1	1.5	1.5" x 1"	8	117	H(m)	39	36	33	30	26	22	17	12					
2TCP25/160B	1.5	2.0	1.5" x 1"	8	122		42	40	38	35	32	26	21	16					
2TCP25/160A	2.2	3.0	1.5" x 1.25"	8	130		50	49	47	44	40	36	31	23	15				
THF6B-4	1.9	2.5	2" x 2"	8	200		45	43	41	37	35	32	28	24	20	15	12	5	

**Flow Rate:**



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ATOORSANAT





# TAiFU

Energy Saving Pump

[www.atoorsanat.com](http://www.atoorsanat.com)

031-32004