STRUCTURAL FEATURES

MOTOR
- High efficiency energy saving
- The protruding shaft end with angular contact bearing
- B5 standard motor
- Safe operation&low noise

PUMP COVER
- Awesome appearance from technical design
- Heightening design with protecting cover
- Surface with electrophoresis treatment
- Excellent ventilation &dissipation ability

PUMP BODY
- Fluid-plastic design/ sunken flow passage
- CNC center manufacturing/ good flow capacity
- Surface with electrophoresis treatment
- Reliable hydraulic self-balance ability

LOWER SEAT
- Dismountable design
- Attractive appearance &light weight
- High strength steel sheet

SHAFT
- Sleeve coupling shaft
- Passing 10 thousands reliability test
- SS material

IMPELLER
- Germany casting technology
- High efficiency hydraulic design
- Surface with electrophoresis treatment

SHAFT SEAL
- Universal mechanical seal
- Reliable sealing property
- Wear-resisting&high temperature-resisting material

NUT
- Self-locking function
- Stainless steel material

Immediately join the Shimge Family by scanning:
http://www.shimge-pump.com

SHIMGE PUMP INDUSTRY GROUP CO.,LTD.

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Fax: +86-576-86337079
Email: southeastasia2@shimge.com

Version No.201803

SHIMGE®
for better life

TB Pipeline Pump

Company Profile

Shimge Pump Industry Group Co., Ltd., established in 1984 in Daxi Town, Wenling City of Zhejiang Province, the center of Chinese water pump industry, is a listed joint-stock company specialized in the production and operation of pumps and control equipment. Currently, the company has three business divisions (including submersible pump, surface pump, well pump, circulation pump and stainless steel pump), six production bases and twelve holding subsidiaries. On December 31, 2010, SHIMGE landed on the A-share market, and was successfully listed on Shenzhen Stock Exchange (stock code: 002532).

As a “hi-tech enterprise”, SHIMGE was elected as one of the first batch of pilot units as “Post-doctoral Scientific Research Stations” in Zhejiang Province in 2010; in 2013, it established the technical R&D-oriented SHIMGE Pump (Hangzhou) Co., Ltd., which was intended to focus on the R&D of automated and intelligent products and awarded the title of “Most Innovative Enterprise in China” in the same year. In 2014, the experiment center of the company passed CNAS laboratory certification at the first try, and became a national level laboratory. So far, the company has directed or participated in the revision of more than 50 national and industrial standards, and obtained a total of 125 authorized patents.

The mission of SHIMGE is to provide the best pumps and water treatment system solutions for the world and create high-quality life for the mankind. We warmly welcome business partners whose business ideas and missions matching with ours to join the SHIMGE family.

SHIMGE HEADQUARTERS

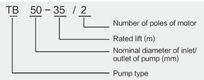
ZHEJIANG PRODUCTION BASE 2

THREE POOL CAVES PRODUCTION BASE

JIANGSU PRODUCTION BASE

JIANGXI PRODUCTION BASE

EXPLOSIVE VIEW



PERFORMANCE RANGE

- Scope of diameter: DN40～ DN250;
- Scope of flow: 12.5m³/h～630m³/h;
- Scope of lift: 9m～81m

FEATURES

- Modular design; high universality
- One-year reliability test for key parts
- Freely-selected mechanical seals on the basis of different working condition
- Pump shaft: 304 stainless steel
- Seal ring: Fluoro rubber
- Pump body/cover: HT200
- Impeller: HT 200, 304
- Foundation: Removable structure; high-strength steel plate

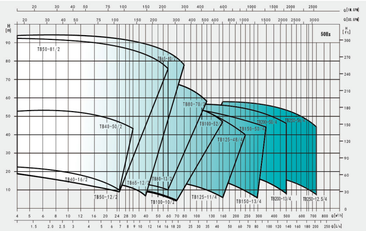
APPLICATION LIMITS

- Clean and non-corrosive liquid which is non flammable and explosive and does not contain any particle matter or fiber that may cause physical or chemical damage to the pump
- Power: 3～ 380 V, 50Hz
- Revolving speed: 1450r/min,2900r/min;
- System pressure: ≤1.6MPa;
- Medium: Temperature: 0～120℃; PH value 5～ 9;
- Ambient temperature ≤ 40℃

APPLICATION FIELDS

- Heating system
- Regional water supply system
- Secondary pressurization for pipe network in a high-rise building
- Air-condition circulating cooling system
- Cleaning and circulating system of general industrial equipment
- Water feed for boilers
- Living water supply for general urban residents
- Agricultural irrigation

PERFORMANCE CURVES



Model	Power (kW)	Q(m³/h)	4	8	12.5	16	20	25	28	32	NPSHR
TB40-16/2	1.1	H(m)	17.8	16.9	16	14.5					2.0
TB40-21/2	1.5		22.8	21.7	21	19.7					2.0
TB40-20/2	2.2		23.6	23.4	22.1	21.4	20	18.1	16.7	14.6	2.0
TB40-26/2	3		29.8	29.2	28.1	27.4	26	24	22.7	20.8	2.0
TB40-30/2	4		35.2	34.8	33.5	32.6	31.9	30	27.4	26.1	2.0
TB40-36/2	5.5		40.2	39.5	38.7	37.5	37.1	36	34.6	32.5	2.0
TB40-50/2	7.5		55.4	54.2	53.1	52.7	51.3	50	49.2	48.4	2.0

Model	Power (kW)	Q(m³/h)	5	10	16	20	25	30	35	40	45	50	60	NPSHR
TB50-12/2	1.1	H (m)	15.2	14.8	12	10.8								2.0
TB50-15/2	1.5		18.2	17.5	16.1	15	13.2	10.5						2.0
TB50-18/2	2.2		23.3	22.4	21.2	20.5	18	16	14					2.0
TB50-24/2	3		28.4	27.3	26.2	25.5	24	21.6	19.2					2.0
TB50-28/2	4		34.4	33.1	32.6	31.8	30.2	28	26.7					2.0
TB50-36/2	5.5		42.2	41.5	40.2	39.6	38.1	36	33.5	30.5				2.0
TB50-40/2	7.5		45.2	44.6	43.4	42.8	42.1	41.1	40	38.1	35.2			2.0
TB50-50/2	11		56.1	55.4	55.2	54.8	54.3	53.5	52	50	47.2	46.1		2.0
TB50-60/2	15		70.7	70.4	70.2	69.2	68.5	67.6	66.1	64.2	62.2	60	56.8	2.0
TB50-71/2	18.5		80.5	80.2	80	79.7	79.2	78.4	77.4	75.6	73.2	71	65.1	2.5
TB50-81/2	22		91.6	91.1	90.5	90.1	89.5	88.2	87.1	86	84	81	76	2.5

Model	Power (kW)	Q(m³/h)	10	20	30	40	50	60	70	80	85	NPSHR
TB65-12/2	1.5	H (m)	15.5	14.1	12	8						2.5
TB65-15/2	2.2		20.4	18.8	15	12.5						2.5
TB65-20/2	3		25.2	23.5	20	18.2						2.5
TB65-22/2	4		29.5	28.2	25.6	22	43/15					2.5
TB65-30/2	5.5		34.3	33.1	32.2	30	26.6					2.5
TB65-34/2	7.5		40.2	39.3	37.7	36.8	34	30.6				2.5
TB65-42/2	11		47.9	46.4	45.5	44.1	42	38.3	35.1			2.5
TB65-52/2	15		58.4	56.6	55.8	54.2	52	48.5	45.1			2.5
TB65-60/2	18.5		67.4	66.7	66.1	65.1	62.4	60	55.4			3.0
TB65-70/2	22		81.4	80.9	80.2	79.3	77.6	74.3	70	62		3.0
TB65-80/2	30		92.1	92.0	90.0	89.0	87.0	84.0	80	74	70	3.0

Model	Power (kW)	Q(m³/h)	10	20	30	40	50	60	70	80	90	95	NPSHR
TB80-13/2	3	H (m)	20	18.3	16.7	14.7	13	9.2					3.0
TB80-19/2	4		25	24.2	22.5	20.8	19	15.2					3.0
TB80-23/2	5.5		28.3	27.8	26.4	24.6	23	20.5	17.7	13.6			3.0
TB80-29/2	7.5		34.6	33.5	32.7	31.2	29	25.4	23.3	21.5			3.0
TB80-30/2	11		41.8	41.3	40.4	39.1	37.4	35.2	33.1	30	26.5		3.5
TB80-38/2	15		48.1	47.9	47.3	46.1	45.2	42.7	40.1	38	34		3.5
TB80-47/2	18.5		59.2	57.6	57.1	55.7	54.1	52	49.8	47	42.6	38.2	3.5
TB80-60/2	22		72.1	71	70.4	69.2	68.1	65.4	62.8	60	55.4	50.2	3.5
TB80-70/2	30		79.7	79.2	78.7	78	76	74.8	71.5	70	65.2	53.2	3.5

Model	Power (kW)	Q(m³/h)	10	20	30	40	50	60	70	80	90	100	110	120	130	140	160	NPSHR
TB100-10/2	3	H (m)	15.4	15	14.5	13	11.8	10	9	7.3								3.5
TB100-15/2	4		19.2	19.1	18.7	17.7	16.7	15	14.4	12.8								3.5
TB100-17/2	5.5		22.2	21.5	20.9	20.5	19.7	18.6	17.8	17	15.5	13.6	11.1					4.5
TB100-22/2	7.5		26.7	26.3	25.8	25.1	24.4	23.8	22.9	22	21.1	19.6	17.5					4.5
TB100-27/2	11		34.5	34.2	33.6	32.8	32.2	31.7	30.8	29.9	28.3	27	25.5	23.6	20.8	19.6		4.5
TB100-34/2	15		40.5	40.2	39.7	39.4	39.1	38.4	37.3	36.8	35.2	34	32.2	31.2	27.5	26.5		4.5
TB100-40/2	18.5		44.7	44.6	44.4	44.2	43.9	43.6	43.3	43.0	42.2	41	40	38.2	37.2	35.5		4.0
TB100-48/2	22		56.7	56.5	56.3	56.2	55.7	55.1	54.2	53.6	52.4	51.3	49.3	48	46.4	45.5		4.0
TB100-52/2	30		57.9	57.6	57.2	56.9	56.8	56.7	56.5	56.2	55.7	54.5	53.2	52.5	52	49.5	44.5	4.0

Model	Power (kW)	Q(m³/h)	40	60	80	100	120	140	160	180	200	220	NPSHR
TB125-11/4	5.5	H (m)	15.3	14.6	14.1	13.1	11	10	8				2.5
TB125-15/4	7.5		18.4	18.1	17.4	16.4	15	13.4	11.8				2.5
TB125-18/4	11		22.7	22.6	22.4	21.8	21.1	20.2	18	17.7	16.5	14.3	2.5
TB125-22/4	15		25.9	25.7	25.4	24.5	23.8	23.1	22	20.8	19.2	16.5	2.5
TB125-28/4	18.5		33.5	33.2	32.6	31.4	30.9	29.2	28	27.1	26.3	23.7	2.5
TB125-33/4	22		37.3	37.1	36.8	36.5	35.3	34.2	33	31.8	30.7	28.4	2.5
TB125-40/4	30		44.0	43.4	42.8	42.3	41.7	41.1	40	39.2	37.8	35.6	2.5
TB125-48/4	37		51.6	51.1	50.8	50.5	50.1	49.2	48	46.8	44.6	42.7	3.0

Model	Power (kW)	Q(m³/h)	50	80	100	120	140	160	180	200	220	240	NPSHR
TB150-13/4	11	H (m)	16.7	16.4	15.6	15.2	14.6	13.8	13.4	13	12.5	11	3.0
TB150-17/4	15		20.7	20.3	19.9	19.6	18.8	17.9	17.4	17	16.1	15.2	3.0
TB150-22/4	18.5		26.3	26.1	25.7	25.2	24.6	23.4	22.8	22	21.1	20.2	3.0
TB150-25/4	22		29.6	29.3	28.8	28.2	27.4	26.5	25.9	25	24.1	22.4	3.0
TB150-34/4	30		39.1	38.7	38.2	37.8	37.1	36.1	35.2	34	32.7	31.6	3.0
TB150-41/4	37		45.4	45	44.7	44.4	43.7	43.2	42.3	41	40.5	39.3	3.0
TB150-50/4	45		54.5	54.2	54.1	53.8	53.3	52.1	51.3	50	49.3	48.7	3.0

Model	Power (kW)	Q(m³/h)	90	120	150	180	210	240	270	300	330	360	NPSHR
TB200-16/4	18.5	H (m)	23.5	23.2	22.8	22.3	21.5	19.3	18.6	16	14.3	12.1	4.0
TB200-20/4	22		27.4	27.2	26.6	25.1	24.2	22.8	21.4	20	18.5	16.3	4.0
TB200-24/4	30		28.6	27.5	26.9	26.4	25.8	25.4	24.8	24	23.5	21.5	4.0
TB200-32/4	37		35.6	35.4	35.2	35.0	34.7	34.1	33.1	32	30.4	28.7	4.0
TB200-36/4	45		39.6	39.4	39.1	38.8	38.5	37.9	37	36	34.7	33	4.0
TB200-48/4	55		52.6	52.1	51.4	50.7	50.2	49.5	48.9	48	45.2	42.9	3.5
TB200-53/4	75		55.7	55.6	55.6	55.4	55.1	54.7	54.2	53	51.5	50.1	3.5

Model	Power (kW)	Q(m³/h)	160	200	240	280	320	360	400	440	480	NPSHR
TB200-13/4	22	H (m)	17.5	16.9	16.4	15.8	14.8	13.8	13	11.3	9.5	5.0
TB200-20/4	30		24.6	24.4	24.1	23.4	22.8	21.5	20	18.2	15.5	5.0
TB200-23/4	37		28.5	27.8	27.3	26.6	25.8	24.5	23	20.8	18.5	4.5
TB200-27/4	45		32.2	31.8	31.4	30.8	29.6	28.7	27	25.8	22.7	4.5
TB200-32/4	55		37.5	37.1	36.5	35.8	34.7	33.5	32	29.5	27.2	4.5
TB200-43/4	75		47.1	46.3	45.7	45.2	44.5	43.7	43	41.4	38.3	4.0
TB200-50/4	90		56.5	55.8	54.7	53.5	52.3	51.2	50	48.2	45.6	4.0

Model	Power (kW)	Q(m³/h)	150	200	250	300	350	400	450	500	550	600	NPSHR
TB250-16/4	30	H (m)	20.6	20.4	20.1	19.6	19.1	18.5	17.2	16	14.7	13.2	5.5
TB250-19/4	37		22.7	22.4	22.2	21.6	21.1	20.3	19.5	19	17.5	16.6	5.5
TB250-22/4	45		26.2	25.8	25.4	24.8	24.4	23.7	23.1	22	21.2	19.8	5.5
TB250-29/4	55		34.6	34.2	33.9	33.1	32.4	31.6	30.7	29	27.2	24.1	5.5
TB250-36/4	75		39.2	38.8	38.5	37.8	37.4	37.1	36.6	36	34.3	32.4	5.5
TB250-47/4	90		53.6	53.1	52.8	52.4	51.8	50.6	48.8	47	45.6	42.2	5.5
TB250-56/4	110		61.6	61.1	60.5	60.1	59.7	58.5	57.4	56	53.6	51.2	5.5

Model	Power (kW)	Q(m³/h)	240	300	360	420	480	540	600	630	660	720	750	NPSHR
TB250-12.5/4	45	H (m)	18.5	17.9	17.4	16.8	15.7	14.4	13.8	12.5	11.7	10.2	9.1	5.5
TB250-14/4	37		20.5	19.8	19.2	18.6	17.8	16.6	15.7	14	13.3	12.5	11.2	5.5
TB250-17/4	45		22.3	21.7	20.8	20.2	19.5	18.8	17.5	17	16.4	15.2	13.8	5.5
TB250-20/4	55		24.5	24.2	23.6	23.1	22.6	21.7	20.8	20	19.2	18.1	16.7	5.5
TB250-26/4	75		31.5	31.1	30.6	29.8	28.9	27.7	26.8	26	25.1	24.2	22.5	5.5
TB250-32/4	90		37.2	36.8	35.7	35.2	34.7	33.8	32.6	32	31.3	29.2	28.1	5.5
TB250-40/4	110		46.5	45.9	45.3	44.3	43.6	42.5	41.1	40	38.8	36.2	35.2	5.5
TB250-50/4	132		55.2	54.9	54.5	53.8	53.2	52.4	51.2	50	48.7	46.2	45.3	5.5