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DOMESTIC SERIES PRODUCT CATALOGUE

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PRODUCT GUIDE

01

SMALL SCALE BOOSTER PUMPS



02/03

SURFACE PUMPS FOR DOMESTIC USAGE AND IRRIGATION



04/05

HOT WATER CIRCULATION PUMPS



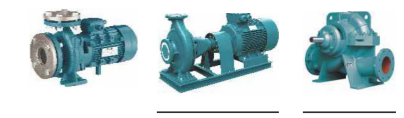
06/07/08

STAINLESS STEEL PUMPS



09

INDUSTRIAL PUMPS



10/11/12

CLEAN WATER SUBMERSIBLE PUMPS



13/14/15

SEWAGE AND SLURRY PUMPS



16/17

GARDEN PUMPS



18

SWIMMING POOL PUMPS



19

MACERATOR PUMPS



1. HOUSEHOLD BOOSTER PUMPS

FTA SERIES HOME BOOSTER CIRCULATOR



. It is a circulating pump designed for pressure boosting of water in domestic properties. The pump provides additional pressure to showers, taps and similar outlet points for domestic water. The pump incorporates or connects a flow switch which starts and stops the pump when a tap is turned on or off
 . The pump selector can be set to the positions OFF, AUTO and MANUAL. When the selector is in the position MANUAL, at least one tap must be open. Otherwise the pumped liquid may over heat

Model	Power (W)	Unions	Q.max (l/min)	H.max (m)
FTA15-90	100	¾" to ½"	30	9
FTA15-110	150	¾" to ½"	30	11
FTA20-120	260	1" to ¾"	50	12
FTA20-150	320	1" to ¾"	60	15

APS SERIES INTELLIGENT SELF PRIMING BOOSTER PUMP



IBP- I



IBP- II

. Intelligent pump control, it automatically adjusts operation to deliver the water pressure you like. The integrated sensor detects if the inlet pressure varies or if there are several taps open and immediately tells the pump to boost the pressure

. Permanent magnet IE4 motor, high efficient, energy saving 30%-50%
 . Wide voltage range: 180V-260V, double frequency: 50/60Hz
 . Extreme silent, it has a sound level of only 50 dB(A) in typical use, to bring you a comfort sleep
 . Multiple protection: Overload protection, dry running protection, anti-freeze protection, lightning protection, over voltage protection, low voltage protection, over heat protection
 . Super suction, can be up to 9m with in 2mins

Model	Power (W)	In/Out (mm)	Q.max (l/min)	H.max (m)
IBP370-I	100-370	25x25	50	30
IBP550-I	100-550	25x25	60	35
IBP750-I	100-750	25x25	67	40
IBP504-II	100-550	25x25	85	45
IBP604-II	100-1200	25x25	100	53

ATS SERIES AUTOMATIC SELF PRIMING BOOSTER PUMP



. Double control by flow sensor and pressure sensor adjusts operation automatically
 . 3-second delay of pump start after plugging to avoid the possible danger caused by electric sparks
 . Automatically stop in 60 seconds once dry running is detected
 . Stable water supply-no frequent start/stop in the conditions of small water flow
 . 10-second automatic operation every 72 hours for anti-block protection
 . Anti-freezing function by automatic start/stop control
 . LED display available on request, gives accurate operation status, start/stop pressure setting, and malfunction alarm

Model	Power (kW)	In/Out (mm)	Q.max (l/min)	H.max (m)
ATS-250	0.25	25x25	33	28
ATS-370	0.37	25x25	35	32
ATS-550	0.55	25x25	50	42
ATS-750	0.75	25x25	55	48
ATS-1100	1.1	40x40	70	60
ATS-1500	1.5	40x40	70	65

PTS SERIES SELF PRIMING BOOSTER PUMP



PS-130A



1AWZB

. For hot and cold water pressure boosting
 . For water taking from the well, for farm and garden irrigation, and small air conditioning system
 . The pump is ideal for small living water supply system, especially in the circumstances of insufficient water pressure, such as tape water, shower, etc.

Model	Power (kW)	In/Out (mm)	Q.max (l/min)	H.max (m)
PTS-130A	0.37	25x25	33	28
1AWZB125	0.125	25x25	30	24
1AWZB250	0.25	25x25	33	28
1AWZB370	0.37	25x25	35	32
1AWZB550	0.55	25x25	45	38
1AWZB750	0.75	25x25	50	44
1AWZB1100	1.1	40x40	75	50

2. SURFACE PUMPS FOR CIVIL AND IRRIGATION

TPm SERIES PERIPHERAL PUMP



. For pumping clean liquids without abrasive particles, which are chemically non aggressive to the pump materials
 . They are ideal for domestic use and in particular for distributing water in combination with small pressure sets and for irrigation of gardens and allotments

Model	Power (kW)	In/Out (mm)	Q.max (l/min)	H.max (m)
TP60	0.37	25x25	27	25
TPm60E	0.37	25x25	30	33
TPm60	0.37	25x25	40	40
TPm70	0.55	25x25	45	65
TPm80	0.75	25x25	50	70

TKSm SERIES SELF PRIMING PERIPHERAL PUMP

. For pumping clean liquids without abrasive particles, which are chemically non aggressive to the pump materials
 . They are ideal for domestic use and in particular for distributing water in combination with small pressure sets and for irrigation of gardens and allotments



Model	Power (kW)	In/Out (mm)	Q.max (l/min)	H.max (m)
TKSm60	0.37	25x25	35	35
TKSm70	0.55	25x25	45	55
TKSm80	0.75	25x25	50	65

TPm SERIES MICRO CENTRIFUGAL PUMP

. For pumping clean liquids without abrasive particles, which are chemically non aggressive to the pump materials
 . For water supply in domestic and civil applications
 . For transferring liquids and for the irrigation of gardens and allotments



Model	Power (kW)	In/Out (mm)	Q.max (l/min)	H.max (m)
TPm130	0.37	25x25	80	18
TPm146	0.55	25x25	100	26
TPm158	0.75	25x25	110	30
TPm170	1.1	25x25	120	38
TPm190	1.5	32x25	160	36

JTm SERIES SELF PRIMING JET PUMP

. For domestic water supply
 . For drawing water out of a well
 . For lifting water containing air
 . For increasing water pressure from flooded suction applications
 . As pressure boosting pump for central water systems with low pressure
 . For garden use



Model	Power (kW)	In/Out (mm)	Q.max (l/min)	H.max (m)
JTm/07H	0.55	25x25	45	46
JTm/10H	0.75	25x25	50	52
JTm/15H	1.1	25x25	50	58
JTm/07M	0.55	25x25	70	33
JTm/10M	0.75	25x25	75	38
JTm/15M	1.1	25x25	80	44
JTm/3CH	1.1	32x25	80	55
JTm/3BH	1.5	32x25	80	60
JTm/3CL	1.1	32x25	100	45
JTm/3BL	1.5	32x25	100	50



JTm-L

JTm-LM

JTm-S



JTm-M

JTm-P

JTWm SERIES SELF PRIMING DEEP WELL JET PUMP

. The pumps are regarded as one of the best pumps for deep well
 . It consists of two pumps, one is an ejector pump (by an ejector), and the other is a centrifugal pump
 . The ejector is immersed in the water and is connected to the centrifugal pump
 . To ensure adequate counter pressure, a foot valve is necessary fixed at the suction ends



Model	Power (kW)	In/Out (mm)	Q.max (l/min)	H.max (m)	Suct.max (m)
JTWm-80	0.55	32x25x25	35	40	15
JTWm-100	0.75	32x25x25	40	45	20
JTWm-150	1.1	32x25x25	50	50	20
JTWm-200	1.5	32x25x25	50	60	20

2. SURFACE PUMPS FOR CIVIL AND IRRIGATION

THm SERIES MEDIUM FLOW CENTRIFUGAL PUMP



A type

B type

- . For pumping clean liquids without abrasive particles, which are chemically non aggressive to the pump materials
- . For water supply
- . For flood and spray irrigation, drawing water from lakes, rivers and wells
- . For heating, air-conditioning, cooling and circulation plants
- . For civil and industrial applications where the characteristics of high flow rates and mid to low head are required

Model	Power (kW)	In/Out (mm)	Q.max (l/min)	H.max (m)
THm150-A	1.1	50x50	380	25
THm200-A	1.5	50x50	440	28
THm150-B	1.1	40x32	333	28
THm200-B	1.5	50x40	400	32
THm300-B	2.2	50x40	500	34

2TPm SERIES TWIN IMPELLER CENTRIFUGAL PUMP



- . For pumping clean liquids without abrasive particles, which are chemically non aggressive to the pump materials
- . For water supply in domestic, civil and industrial applications
- . For pressure boosting and water circulation
- . For firefighting applications
- . For irrigation

Model	Power (kW)	In/Out (mm)	Q.max (l/min)	H.max (m)
2TPm25-140/11	1.1	40x25	160	48
2TPm25-160/15	1.5	32x25	140	54
2TPm25-160/22	2.2	40x25	170	60
2TP32-200/30	3	40x32	200	70
2TP32-200/40	4	40x32	260	85
2TP32-210/55	5.5	50x32	280	90
2TP32-210/75	7.5	50x32	250	107

TPm SERIES IRRIGATION PUMP



- . For pumping clean liquids without abrasive particles, which are chemically non aggressive to the pump materials
- . For water supply
- . For flood and spray irrigation, drawing water from lakes, rivers and wells
- . For heating, air-conditioning, cooling and circulation plants
- . For civil and industrial applications where the characteristics of high flow rates and mid to low head are required
- . The pump should be installed in an enclosed environment or sheltered from inclement weather

Model	Power (kW)	In/Out (mm)	Q.max (l/min)	H.max (m)
TPm/1B	0.6	40x40	250	16
TPm/1A	0.75	40x40	300	18
TPm/5B	0.75	50x50	350	12.5
TPm/5BM	1.1	50x50	400	16
TPm/5AM	1.5	50x50	500	20
TPm/6C	1.1	80x80	750	12
TPm/6B	1.5	80x80	850	14
TPm/6A	2.2	80x80	1000	16
TP/7B	3	80x80	1200	17
TPm/6CR	1.1	100x100	750	12
TPm/6BR	1.5	100x100	850	14
TPm/6AR	2.2	100x100	1000	16
TP/7BR	3	100x100	1200	17
HTP7AR	4	100x100	1800	17

THSm SERIES OPEN IMPELLER CENTRIFUGAL PUMP



- . For clean and slight dirty water, also with solids up to 10mm grain size
- . For draining a basin or a sump
- . For irrigation
- . For civil and industrial applications

Model	Power (kW)	In/Out (mm)	Q.max (l/min)	H.max (m)
THSm-1100	1.1	50x50	400	21
THSm-1500	1.5	50x50	435	28
THSm-2200	2.2	50x50	470	34

3. HOT WATER CIRCULATION PUMPS

TPS SERIES HOT WATER CIRCULATION PUMP



- . It is a 3-speed circulation pump that can be used in both open and closed systems
- The pump is of the wet-rotor type, i.e. pump and motor form an integral unit without a shaft seal and with only two gaskets for sealing. The bearings are lubricated by the pumped liquid
- . The pumps are designed for circulation of liquids in heating and air-conditioning systems

Model	Power (W)	Unions	Q.max (m³/h)	H.max (m)
TPS20-40	65/50/32	1" to ¾"	2.5	4
TPS25-40	65/50/32	1½" to 1"	2.8	4
TPS32-40	65/50/32	2" to 1½"	3.2	4
TPS20-60	100/70/55	1" to ¾"	2.5	6
TPS25-60	100/70/55	1½" to 1"	3	6
TPS32-60	100/70/55	2" to 1½"	3.5	6
TPS20-70	130/100/70	1" to ¾"	3	7
TPS25-70	130/100/70	1½" to 1"	3.5	7
TPS32-70	130/100/70	2" to 1½"	4	7
TPS25-80	245/190/135	1½" to 1"	6	8
TPS32-80	245/190/135	2" to 1½"	8	8



Model	Power (W)	In/Out (mm)	Q.max (m³/h)	H.max (m)
TPS32-50F/200	145/135/95	DN32	8	5
TPS32-80F/200	245/190/135	DN32	8	8
TPS40-80F/220	245/190/135	DN40	8	8
TPS40-80F/250	245/190/135	DN40	10	8

TPD SERIES HOT WATER CIRCULATION PUMP

- . It is a circulation pump that can be used in both open and closed systems. The pump is of the wet-rotor type, i.e. pump and motor form an integral unit without a shaft seal and with only two gaskets for sealing. The bearings are lubricated by the pumped liquid
- . The pumps are designed for circulation of liquids in heating and air-conditioning systems



Model	Power (W)	In/Out (mm)	Q.max (m³/h)	H.max (m)
TPD40-45F/250	300	DN40	11	4.5
TPD40-60F/250	500	DN40	14	6
TPD40-120F/250	700	DN40	12	12
TPD40-160F/250	1000	DN40	14	16
TPD50-50F/300	300	DN50	15	5
TPD50-80F/300	500	DN50	20	8
TPD50-120F/280	1000	DN50	25	12
TPD50-160F/280	1300	DN50	23	16
TPD50-200F/280	1300	DN50	19.5	20
TPD65-50F/340	700	DN65	28	5
TPD65-80F/340	700	DN65	32	8
TPD65-100F/340	1000	DN65	35	10
TPD65-120F/340	1300	DN65	39	12
TPD80-100F/360	1000	DN80	37	10
TPD80-120F/360	1300	DN80	40	12

A CLASS HOT WATER CIRCULATION PUMP

- . The pump is high efficiency Class A pump, running by a permanent magnet synchronous motor. The pump adapts to the variable demand of the houses and buildings. Rated A for its energy efficiency



- . When installed and set in unique AUTO function, the pump will analyze and adjust automatically to your heating demands. In this way it saves a considerable electricity and energy without losing your comfort

Model	Power (W)	Unions	Q.max (m³/h)	H.max (m)
TEAA20-40	5-22	1" to ¾"	2.3	4
TEAA25-40	5-22	1½" to 1"	2.5	4
EAA32-40	5-22	2" to 1½"	3	4
TEAA20-60	5-45	1" to ¾"	2.8	6
TEAA25-60	5-45	1½" to 1"	3.2	6
TEAA32-60	5-45	2" to 1½"	4	6
TEAA20-80	5-70	1" to ¾"	3.4	8
TEAA25-80	5-70	1½" to 1"	4	8
TEAA32-80	5-70	2" to 1½"	5	8
TEAC20-40	5-22	1" to ¾"	2.3	4
TEAC25-40	5-22	1½" to 1"	2.5	4
TEAC32-40	5-22	2" to 1½"	3	4
TEAC20-60	5-45	1" to ¾"	2.8	6
TEAC25-60	5-45	1½" to 1"	3.2	6
TEAC32-60	5-45	2" to 1½"	4	6

3. HOT WATER CIRCULATION PUMPS

GBPT SERIES GAS BOILER CIRCULATION PUMP



. The pumps are assembled in the hydraulic module of the gas wall hung boiler for heating and cooling system. An integrated air venting system of the pump can automatically deposits the air out of the water

. The pumps are of the wet rotortype, the bearings are lubricated by the pumped liquid. The pump is combined by stator, rotor, shield cover, air vent valve and so on

. The pump is suitable for the pumping of clean, non-corrosive and non-explosive liquids without any solid particles or fibers. The pump must not be used for the transfer of inflammable liquids such diesel oil, petrol or similar liquids

Model	Pos.	Q.max (m³/h)	H.max (m)	Power (W)
GBT15-40S	III	2.0	4.0	65
	II	1.5	3.5	50
	I	1.0	2.5	32
GBT15-50S	III	2.2	5.0	85
	II	2.0	4.0	60
	I	1.0	2.5	40
GBT15-60S	III	2.5	5.7	100
	II	2.0	4.5	75
	I	1.2	3.0	55
GBT15-70S	III	2.5	6.5	130
	II	2.0	5.0	110
	I	1.2	3.5	90

PTN SERIES HOT WATER CENTRIFUGAL PUMP



It is a single-stage low-pressure centrifugal pump, Pumping of heating water, cold water and water/glycol mixtures without abrasive substances in heating, cold water and cooling systems

Model	Power (kW)	In/Out (mm)	Q.max (l/min)	H.max (m)
PTN-200E	0.2	25x25	85	15
PTN-330E	0.33	25x25	100	18
PTN-550E	0.55	25x25	115	22
PTN-750E	0.75	25x25	115	25

TD SERIES INLINE CIRCULATION PUMP

. The pumps are widely used in commercial buildings for air conditioning and heating applications
 . The pumps are all single-stage, in-line centrifugal volute pumps with standard motors and mechanical shaft seals. The pumps are of the close-coupled type, i.e. pump and motor are separate units
 . Consequently, the pumps are less sensitive to impurities in the pumped liquid than similar pumps of the canned rotor type



Model	Power (kW)	In/Out (mm)	R.flow (m³/h)	R.head (m)
TD32-18/2	1.1	DN32	8	18
TD32-21/2	1.5	DN32	12.5	21
TD32-25/2	2.2	DN32	12.5	25
TD32-32/2T	3	DN32	12.5	32
TD32-38/2T	4	DN32	12.5	38
TD32-50/2T	5.5	DN32	12.5	50
TD40-16/2	1.1	DN40	12.5	16
TD40-20/2	1.5	DN40	12.5	20
TD40-18/2	2.2	DN40	20	18
TD40-25/2T	3	DN40	20	25
TD40-30/2T	4	DN40	25	30
TD40-36/2T	5.5	DN40	25	36
TD40-48/2T	7.5	DN40	25	48
TD50-12/2	1.1	DN50	16	12
TD50-15/2	1.5	DN50	20	15
TD50-18/2	2.2	DN50	25	18
TD50-24/2T	3	DN50	25	24
TD50-28/2T	4	DN50	30	28
TD50-35/2T	5.5	DN50	30	35
TD50-40/2T	7.5	DN50	35	40
TD50-50/2T	11	DN50	40	50
TD50-60/2T	15	DN50	50	60
TD50-70/2T	18.5	DN50	50	70
TD65-15/2	2.2	DN65	30	15
TD65-19/2T	3	DN65	30	19
TD65-22/2T	4	DN65	40	22
TD65-30/2T	5.5	DN65	40	30
TD65-34/2T	7.5	DN65	50	34
TD65-40/2T	11	DN65	50	40
TD65-50/2T	15	DN65	50	50
TD65-61/2T	18.5	DN65	50	61
TD80-13/2T	3	DN80	50	13
TD80-18/2T	4	DN80	50	18
TD80-22/2T	5.5	DN80	50	22
TD80-28/2T	7.5	DN80	50	28
TD80-30/2T	11	DN80	80	30
TD80-38/2T	15	DN80	80	38
TD80-47/2T	18.5	DN80	80	47
TD100-9/2	2.2	DN100	50	9
TD100-15/2T	4	DN100	60	15
TD100-17/2T	5.5	DN100	80	17
TD100-22/2T	7.5	DN100	80	22
TD100-27/2T	11	DN100	100	27
TD100-33/2T	15	DN100	100	33
TD100-40/2T	18.5	DN100	100	40

4. STAINLESS STEEL PUMPS

SJT SERIES SELF PRIMING JET PUMP

. The pumps can be used for air-condition or cooling system, industrial washing, pure water or drinking water bottling, and domestic water supply
 . All the components in touch with the pumps liquid are constructed from stainless steel AISI 304, thus guaranteeing complete hygiene and maximum resistance against corrosion



Model	Power (kW)	In/Out (mm)	R.flow (m³/h)	R.head (m)
SJT050	0.37	25x25	1.5	20
SJT075	0.55	25x25	1.5	25
SJT075A	0.55	25x25	2.2	22
SJT100	0.75	25x25	2.4	25
SJT100A	0.75	25x25	1.8	30
SJT150	1.1	25x25	3	30

AUTOMATIC PRESSURE BOOSTING SET

FEATURES

- . With start pressure self-learning
- . Intelligent double control-avoid frequent startup
- . With small flow start (40~50L/h)
- . Overheat protection
- . With anti-frost protection
- . Preheat moisture proof



TBK SERIES STAINLESS STEEL PUMP

. The open impeller design allows liquids containing impurities to be pumped without the risk of impeller clogging

. All of the components in touch with the pumped liquid are constructed from stainless steel AISI304, the pump are particularly suitable for use in plants for washing fruit, vegetables, fish and shellfish, in industrial washing plants and for circulation of cooling liquids



Model	Power (kW)	In/Out (mm)	R.flow (m³/h)	R.head (m)
TBK033	0.25	32x25	2.4	9
TBK050	0.5	32x25	3.6	9
TBK050A	0.5	32x25	4.8	6.5
TBK075	0.55	40x40	12	7
TBK100	0.75	40x40	12	7
TBK120	0.9	40x40	12	10
TBK150	1.1	50x50	18	7.8
TBK200	1.5	50x50	18	10.5
TBK300	2.2	65x50	30	11
TBK400T	3	65x50	30	15

TMB SERIES STAINLESS STEEL PUMP



. All the wet parts are constructed from stainless steel AISI304, thus guaranteeing complete hygiene and maximum resistance against corrosion
 . Good quality mechanical seal, low noise
 . Wide water temperature range : -20 °C ~ +104 °C
 . With thermal protector incorporated in the winding for single phase pumps, and available on request for three phase pumps
 . 2MB pumps are with twin impeller, high head, high efficiency

Model	Power (kW)	In/Out (mm)	R.flow (m³/h)	R.head (m)
TMB70/037	0.37	32x25	4.2	16
TMB70/055	0.55	32x25	4.2	19
TMB90/075	0.75	32x25	5.4	25
TMB120/055	0.55	32x25	7.2	16
TMB120/090	0.9	32x25	7.2	23
TMB120/150	1.5	32x25	7.2	32
TMB200/090	0.9	40x25	12	15
TMB200/150	1.5	40x25	12	25
TMB200/185	1.85	40x25	12	31
2TMB70/075	0.75	32x25	4.2	29
2TMB70/090	0.9	32x25	4.2	32
2TMB70/110	1.1	32x25	4.2	38
2TMB70/150	1.5	32x25	4.2	46
2TMB120/110	1.1	32x25	5.4	35
2TMB120/150	1.5	32x25	7.2	41
2TMB120/220	2.2	32x25	7.2	49
2TMB120/300T	3	32x25	7.2	58
2TMB200/220	2.2	40x25	12	40
2TMB200/300T	3	40x25	12	50
2TMB200/370T	3.7	40x25	12	59

4. STAINLESS STEEL PUMPS

TFSE SERIES STAINLESS STEEL PUMP



- . All the wet parts are constructed from stainless steel AISI304, guaranteeing complete hygiene and maximum resistance against corrosion
- . Good quality mechanical seal, low noise
- . Wide water temperature range : -20 °C ~ +104 °C
- . With thermal protector incorporated in the winding for single phase pumps, and available on request for three phase pumps
- . DIN flanges, easy installation, can take out the pump without removing the pipes

Model	Power (kW)	In/Out (mm)	R.flow (m³/h)	R.head (m)
TFSE50-32-160/1.1	1.1	50x32	12.5	16.5
TFSE50-32-160/1.5	1.5	50x32	12.5	20
TFSE50-32-160/2.2	2.2	50x32	12.5	26
TFSE50-32-200/3.0T	3	50x32	12.5	34
TFSE50-32-200/4.0T	4	50x32	12.5	45
TFSE50-32-200/5.5T	5.5	50x32	12.5	54
TFSE65-40-125/1.5T	1.5	65x40	25	13
TFSE65-40-125/2.2T	2.2	65x40	25	20
TFSE65-40-125/3.0T	3	65x40	25	25
TFSE65-40-125/4.0T	4	65x40	25	31
TFSE65-40-200/5.5T	5.5	65x40	25	41
TFSE65-40-200/7.5T	7.5	65x40	25	48
TFSE65-40-200/11T	11	65x40	25	38
TFSE65-50-125/3.0T	3	65x50	40	16
TFSE65-50-125/4.0T	4	65x50	40	21
TFSE65-50-160/5.5T	5.5	65x50	50	24
TFSE65-50-200/7.5T	7.5	65x50	50	32
TFSE65-50-200/9.2T	9.2	65x50	50	41
TFSE65-50-200/11T	11	65x50	50	48
TFSE65-50-200/15T	15	65x50	50	62
TFSE65-50-200/18.5	18.5	65x50	50	68
TFSE80-65-125/4.0T	4	80x65	80	13
TFSE80-65-125/5.5T	5.5	80x65	100	15
TFSE80-65-125/7.5T	7.5	80x65	100	20
TFSE80-65-125/9.2T	9.2	80x65	100	25
TFSE80-65-160/11T	11	80x65	100	29
TFSE80-65-160/15T	15	80x65	100	37
TFSE80-65-200/18.5	18.5	80x65	100	47
TFSE80-65-200/22T	22	80x65	100	54
TFSE80-65-200/30T	30	80x65	100	67
TFSE100-80-160/11T	11	100x80	160	17
TFSE100-80-160/15T	15	100x80	160	24
TFSE100-80-160/18.5T	18.5	100x80	160	30
TFSE100-80-200/22T	22	100x80	160	35
TFSE100-80-200/30T	30	100x80	160	47
TFSE100-80-200/37T	37	100x80	160	56

TCM SERIES SELF PRIMING PUMP



- . The pumps are with self priming function
- . All the wet parts are constructed from stainless steel AISI304, guaranteeing complete hygiene and maximum resistance against corrosion
- . Good quality mechanical seal, low noise
- . Wide water temperature range : -20 °C ~ +104 °C
- . With thermal protector incorporated in the winding for single phase pumps, and available on request for three phase pumps

Model	Power (kW)	In/Out (mm)	R.flow (m³/h)	R.head (m)
TCM2-2	0.25	25x25	2	16
TCM2-3	0.37	25x25	2	24
TCM2-4	0.55	25x25	2	32
TCM4-2	0.37	25x25	4	13
TCM4-3	0.55	25x25	4	20
TCM4-4	0.75	25x25	4	26

AUTOMATIC PRESSURE BOOSTING SET

FEATURES

- . With start pressure self-learning
- . Intelligent double control-avoid frequent startup
- . With small flow start (40~50L/h)
- . Overheat protection
- . With anti-frost protection
- . Preheat moisture proof



TCM SERIES STAINLESS STEEL PUMP



- . All the wet parts are constructed from stainless steel AISI304 or AISI316, guaranteeing complete hygiene and maximum resistance against corrosion
- . Good quality mechanical seal, low noise
- . Wide water temperature range : -20 °C ~ +104 °C
- . With thermal protector incorporated in the winding for single phase pumps, and available on request for three phase pumps

- * A type range: TCM1, 2, 3, 4, 5, 8, 10, 12, 16, 20m³/h, power from 0.25~4.0kW
- * B type range: TCM1, 2, 3, 4, 5m³/h, power from 0.25~1.5kW

4. STAINLESS STEEL PUMPS

THLE, THL, THLF SERIES STAINLESS STEEL PUMP



- . All the wet parts are constructed from stainless steel AISI304 or AISI316, guaranteeing complete hygiene and maximum resistance against corrosion; CHLE suction/discharge mounting is from stamped stainless steel, more economical
- . Good quality mechanical seal, low noise
- . Wide water temperature range : -20 °C ~ +104 °C
- . With thermal protector incorporated in the winding for single phase pumps, and available on request for three phase pumps

- * THLE range: THLE2, 4, 6, 8, 16, 20m³/h, power from 0.37~4.0kW
- * THL range: THL2, 4, 6, 8, 16, 20m³/h, power from 0.37~4.0kW
- * THLF range: THLF2, 4, 6, 8, 16, 20m³/h, power from 0.37~4.0kW

TVE, TV, TVF SERIES STAINLESS STEEL PUMP



CDLE, CDL and CDLF are non-self priming vertical multistage centrifugal pump, the pumps are available with -standard motor, the inlet and outlet are located at the pump bottom at the same plane (inline type), all pumps are equipped with a maintenance-free mechanical seal set of the cartridge type

TVE all the wet parts are constructed from stainless steel AISI304 or AISI316
TV suction/discharge mounting is from cast iron
TVF suction/discharge mounting is from stamped stainless steel, more economical

- . Wide water temperature range : -20 °C ~ +104 °C
- . With thermal protector incorporated in the winding for single phase pumps, and available on request for three phase pumps
- . Three type of connection available on request, DIN-FGJ flange connection, union connection, PJE clamp connection

VSP SERIES BOOSTING SET WITH FREQUENCY CONVERTER

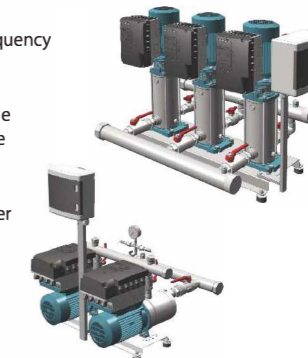
COMPONENTS

- . Constant pressure boosting sets with the frequency converter and 1 pump
- . Frequency converter installed on the motor
- . Five way tee and pressure gauge on delivery side in stainless steel AISI304
- . Pressure transmitter connects to the converter
- . 8L cylindrical pressure vessel on delivery side



COMPONENTS

- . Constant pressure boosting sets with the frequency converter and 2-5 pumps (up to 18.5kW)
- . Frequency converter installed on the motor
- . Ball valve and non-return valve on suction side
- . Ball valve and pressure gauge on delivery side
- . Suction and delivery manifolds in stainless steel AISI304
- . Pressure transmitter connects to the converter
- . Suitable for installation of a 8L cylindrical pressure vessel on delivery side



MULTISTAGE BOOSTER PUMP

- . For pumping clean liquids without abrasive particles, which are chemically non aggressive to the pump materials
- . For domestic and industrial application
- . For irrigation and hydro pneumatic sets
- . The pump should be installed in an enclosed environment or sheltered from inclement weather

- . Stainless steel pump case, stainless steel impeller, plastic diffuser
- . Good quality mechanical seal, low noise
- . With thermal protector incorporated in the winding for single phase pumps, and available on request for three phase pumps



Model	Power (kW)	In/Out (mm)	Q.max (m³/h)	H.max (m)
TSMH15(2M)	0.37	25x25	3.2	22
TSMH15(2M)	0.55	25x25	3.6	33
TSMH15(2M)	0.75	25x25	4	44
TSMH15(2M)	1.1	25x25	4.5	53
TV-3VE	1.1	32x32	9	36
TV-4VE	1.5	32x32	9	48
TV-5VE	1.8	32x32	9	60
TV-6VE	2.2	32x32	9	72
TV-8VE	3	32x32	9	96
TV-10VE	3.7	32x32	9	120

- ★ T-VE pumps: inlet/outlet 40x40mm is available on request

5. INDUSTRIAL PUMPS

TTF SERIES STANDARD CENTRIFUGAL PUMP



- . For pumping clean liquids without abrasive particles, which are chemically non aggressive to the pump materials
 - . For water supply
 - . For heating, air-conditioning, cooling and circulation plants
 - . For civil and industrial applications
 - . For firefighting applications
 - . For irrigation
- . Single-impeller centrifugal pump featuring axial intake and radial discharge
 . Inlet and outlet DN in compliance with EN 733 (ex DIN 24255) and UNI 7467
 . Flanges in compliance with UNI 2236 and DIN 2532
 . Rear entry (impeller, control valve and motor can be extracted without disconnecting the pump body from the pipes.)

* Model range: Outlet DN32, 40, 50, 65, 80, 100mm, power from 1.5~37kW

FTG SERIES END SUCTION CENTRIFUGAL PUMP



- . For pumping clean liquids without abrasive particles, which are chemically non aggressive to the pump materials
 - . For water supply
 - . For heating, air-conditioning, cooling and circulation plants
 - . For civil and industrial applications
 - . For firefighting applications
 - . For irrigation
- . Single-impeller centrifugal pump featuring axial intake and radial discharge
 . Inlet and outlet DN in compliance with EN 733 (ex DIN 24255) and UNI 7467
 . Flanges in compliance with UNI 2236 and DIN 2532
 . Rear entry (impeller, control valve and motor can be extracted without disconnecting the pump body from the pipes.)

The pump connected to a standard electric motor by means of a baseplate, driven by a flexible coupling and with coupling protection

* Model range: Outlet DN32, 40, 50, 65, 80, 100mm, power from 2.2~110kW

JTS SERIES SELF PRIMING SEWAGE PUMP



- . Rapid self-priming: without foot valve. Once filled with water, the pump is automatically primed to a height of 7m
- . Open impeller: allowing the passage of wide solid bodies and easy inspection
- . High resistance to abrasive liquids: the wear plate is easily replaceable
- . Axial mechanical seal lubricated from the outside: no leaks or infiltration of air along the shaft
- . Easy to install: only the suction pipe needs to be immersed in the liquid. The pump can be located above and in a dry place, in the most suitable location for service and control
- . Long life: the parts subject to wear can be easily replaced, several times, restoring the original performance of the pump

Model	Motor available (kW)	Std Pipe (mm)	Std Pipe (in)	# Stages	Max. liquid size (mm)
JTS40-110	1.1/3	40x40	1 1/2	11	20
JTS50-120	2.2/4	50x50	2	11	25
JTS80-140	5.5/11	80x80	3	18	28
JTS80-215	4/7.5	80x80	3	11	40
JTS100-160	15	100x100	4	23	45
JTS100-250	7.5/15	100x100	4	14	50
JTS150-250		150x150	6	10	76
JTS150-400		150x150	6	36	50
JTS200-300		200x200	8	14	60

ETS SERIES END SUCTION SPLIT CASING PUMP



- . Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made
- . The split case pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatization sets, agricultural
- . Available complete with electric motor or diesel engine
- . Easily back pull-out from driver
- . Designed with double suctions

* Model range: Outlet DN80, 100, 125, 150, 200, 250, 300, 350mm

6. CLEAN WATER SUBMERSIBLE PUMPS

3TKm/4TKm SERIES PERIPHERAL BOREHOLE PUMP

- . For pumping clean liquids without abrasive particles
- . For water supply from wells or reservoirs
- . For domestic use, for civil and industrial applications
- . For garden use and irrigation



3SKm 4SKm

Model	Power (kW)	Discharge (mm)	Quantity (m³/h)	Max. Head (m)
3TKm75	0.55	G1"	2	41
3TKm100	0.75	G1"	2.5	58
3TKm150	1.1	G1"	2.5	73
4TKm100	0.75	G1"	3	61
4TKm150	1.1	G1"	3.5	99
4TKm200	1.5	G1"	3.5	140

TGD SERIES SCREW BOREHOLE PUMP

TDX SERIALS SUBMERSIBLE DRAINAGE PUMP



Available both aluminum case and iron case

- . For clean water without abrasive particles
- . For well pumping, river pumping, rain water collection, for pumping water out from cellars, garages and basement
- . For water supply and drainage of farmland, garden and daily waste water

- . Single phase pumps
- With thermal protector incorporated into the winding
- Available with float switch for automatic start/stop
- . Three phase pumps
- Equipped with built-in thermal protector

Model	Power (kW)	Discharge (mm)	Max. Head (m)	Max. Depth (m)
TDX1.5-12-0.25F	0.25	25	1.5	12
TDX1.5-16-0.37F	0.37	25	1.5	16
TDX1.5-25-0.55F	0.55	25	1.5	25
TDX10-10-0.55F	0.55	40	10	10
TDX15-7-0.55F	0.55	50	15	7
TDX1.5-32-0.75F	0.75	25	1.5	32
TDX7-18-0.75F	0.75	40	7	18
TDX10-16-0.75F	0.75	50	10	16
TDX15-10-0.75F	0.75	65	15	10
TDX30-6-0.75F	0.75	80	30	6
TDX3-30-1.1F	1.1	25	3	30
TDX6-26-1.1F	1.1	40	6	26
TDX14-16-1.1F	1.1	50	14	16
TDX15-15-1.1F	1.1	65	15	15
TDX40-7-1.1F	1.1	80	40	7
TDX15-18-1.5F	1.5	50	15	18
TDX25-12-1.5F	1.5	65	25	12
TDX40-9-1.5F	1.5	80	40	9
TDX50-7-1.5F	1.5	100	50	7
TDX65-8-2.2F	2.2	100	65	8

6. CLEAN WATER SUBMERSIBLE PUMPS

TPT SERIALS CAST IRON SUBMERSIBLE PUMP



- . With free-flow (vortex) impeller
- . For clean or slightly dirty water
- . For draining rooms or emptying tanks
- . Extraction of water from ponds, streams or pits and for rainwater collection
- . For irrigation purpose

- . Single phase pumps
- With thermal protector incorporated into the winding
- Available with float switch for automatic start/stop
- . Three phase pumps
- Equipped with built-in thermal protector

Model	Power (kW)	Discharge (mm)	Max. Head (m)	Max. Depth (m)
TPT6-6-0.25F	0.25	32	150	8.5
TPT9-6-0.45F	0.45	50	200	12
TPT10-15-0.75F	0.75	50	300	17
TPT25-12-1.5F	1.5	80	666	22

TPSN SERIALS STAINLESS STEEL PUMP



TPSN250F

- . With free-flow (vortex) impeller
- . For clean or slightly dirty water
- . For draining rooms or emptying tanks
- . Extraction of water from ponds, streams or pits and for rainwater collection
- . For irrigation purpose

- . Single phase pumps
- With thermal protector incorporated into the winding
- Available with float switch for automatic start/stop
- . Three phase pumps
- Equipped with built-in thermal protector

Model	Power (kW)	Discharge (mm)	Max. Head (m)	Max. Depth (m)
TPSN250F	0.25	32	140	8
TPSN370F	0.37	40	250	10.5
TPSN550F	0.55	40	250	13
TPSN750F	0.75	40	267	14.5
TPSN1100F	1.1	40	316	18
TPSN1500F	1.5	40	350	19

TPA SERIALS ALUMINUM SUBMERSIBLE PUMP



TPA-BF

TPA

- . With free-flow (vortex) impeller
- . For clean or slightly dirty water
- . For draining rooms or emptying tanks
- . Extraction of water from ponds, streams or pits and for rainwater collection
- . For irrigation purpose

- . Single phase pumps
- With thermal protector incorporated into the winding
- Available with float switch for automatic start/stop
- . Three phase pumps
- Equipped with built-in thermal protector

Model	Power (kW)	Discharge (mm)	Max. Head (m)	Max. Depth (m)
TPA500BF	0.5	50	210	12
TPA750BF	0.75	80	250	18
TPA180F	0.18	32	80	6
TPA250F	0.25	40	130	13
TPA370F	0.37	40	216	9
TPA550F	0.55	50	260	10
TPA750F	0.75	50	333	12
TPA1100F	1.1	80	666	9

TPP SERIALS PLASTIC SUBMERSIBLE PUMP



TPP-100F



TPP-370F

- . With free-flow (vortex) impeller
- . For clean or slightly dirty water
- . For draining rooms or emptying tanks
- . Extraction of water from ponds, streams or pits and for rainwater collection
- . For irrigation purpose

- . Single phase pumps
- With thermal protector incorporated into the winding
- Available with float switch for automatic start/stop

Model	Power (kW)	Discharge (mm)	Max. Head (m)	Max. Depth (m)
TPP-100F	0.1	25	50	6
TPP-370F	0.37	32	150	8

7. SEWAGE AND SLURRY PUMPS

HV SERIES SUBMERSIBLE SEWAGE PUMP

- . With free-flow (vortex) impeller
- . For domestic or industrial waste water, dirty water with solids
- . For draining rooms or emptying tanks
- . Extraction of water from ponds, flowing water or pits and for rainwater collection

- . Single phase pumps
- With thermal protector incorporated into the winding
- Available with float switch for automatic start/stop
- . Three phase pumps
- Equipped with built-in thermal protector



Model	Power (kW)	Outlet (mm)	Max.flow (l/min)	Max.head (m)	Max.grain size (mm)
HVF180F	0.18	32	133	7	25
HVF250F	0.25	32	150	7.5	25
HVF450F	0.45	50	333	8.5	40
HVF750F	0.75	50	400	11.5	40
HVF1100F	1.1	50	466	14.5	40
HVF1500F	1.5	50	600	15	40
HVF2200F	2.2	100	1000	15	20
HVFN42-12-1.5X	1.5	80	700	12	25
HVFN42-12-1.5D	1.5	80	666	17	25
HVFN48-17-2.2X	2.2	80	800	17	30
HVFN48-17-2.2D	2.2	80	816	19	30



Model	Power (kW)	Outlet (mm)	Max.flow (l/min)	Max.head (m)	Max.grain size (mm)
HWW450F	0.45	50	220	11.5	10
HWW750F	0.75	50	260	13	10
HWW1100F	1.1	50	450	14	10
HWW1500F	1.5	50	510	18	10
HWS750F	0.75	80	465	11	30
HWS1100F	1.1	80	660	12.7	30
HWS1500F	1.5	80	700	16.5	30
HVS-450F	0.45	50	295	9	25
HVS-750F	0.75	50	343	12	25
HVS-1100F	1.1	50	474	14.5	35
HVS-1500F	1.5	50	502	17.5	35

TV SERIES SUBMERSIBLE SEWAGE PUMP

- . With free-flow (vortex) impeller
- . For domestic or industrial waste water, dirty water with solids
- . For draining rooms or emptying tanks
- . Extraction of water from ponds, flowing water or pits and for rainwater collection

- . Single phase pumps
- With thermal protector incorporated into the winding
- Available with float switch for automatic start/stop
- . Three phase pumps
- Equipped with built-in thermal protector



Model	Power (kW)	Outlet (mm)	Max.flow (l/min)	Max.head (m)	Max.grain size (mm)
TV180F	0.18	40	133	7	15
TV250F	0.25	40	150	7.5	15
TV370F	0.37	40	180	8	15
TVB450F	0.45	50	310	8.5	25
TVB750F	0.75	50	333	10	25
TVB1100F	1.1	50	375	10	25
TVB1500F	1.5	40	260	17.5	25
TVB1500F-B	1.5	50	460	14.5	25
TVB2200F	2.2	80	620	14	25

V SERIES CAST IRON SEWAGE PUMP

- . With free-flow (vortex) impeller
- . For domestic or industrial waste water, dirty water with solids
- . For draining rooms or emptying tanks
- . Extraction of water from ponds, flowing water or pits and for rainwater collection



Model	Power (kW)	Outlet (mm)	Max.flow (l/min)	Max.head (m)	Max.grain size (mm)
V6-5-0.25F	0.25	40	150	7.5	8
V8-7-0.45F	0.45	50	216	11	15
V9-10-0.9F	0.9	50	380	12	15
V16-8-1.5F	1.5	80	630	12	20

7. SEWAGE AND SLURRY PUMPS

TV-DF SERIES SUBMERSIBLE GRINDER PUMP

- . With free-flow (vortex) impeller
- . WITH A GRINDER SYSTEM
- . For grinding up solid bodies in waste and reflux water from domestic and civil applications and conveys it under pressure into the sewers through small diameter pipes



Model	Power (kW)	Outlet (mm)	Max.flow (l/min)	Max.head (m)
TV1100DF	1.1	50	270	10
TV1300DF	1.3	50	300	12
TV1800DF	1.8	80	466	12

TV-DF/THGF SERIES SUBMERSIBLE CUTTING PUMP

A high speed CUTTER system in the pump inlet can effectively cut off impurities containing long fiber and solids, and prevents impeller from clogging



Model	Power (kW)	Outlet (mm)	Max.flow (l/min)	Max.head (m)
TV7-12-1.1DF	1.1	50	283	15
TV7-16-1.5DF	1.5	50	358	19.5
THGF-1500F	1.5	50	180	18
THGF-1800F	1.8	50	230	21

TWQ SERIES TWO POLE SEWAGE PUMP

- . For pumping slurry, sewage, waste water (non-aggressive) with solids and filamentous parts in industrial and residential installations and drainage applications
- . For water supply and drainage in farming, construction sites, etc
- . Available with an agitator to assist smooth suction of the pumping fluid

- . Single phase pumps
- With thermal protector incorporated into the winding
- Available with float switch for automatic start/stop
- . Three phase pumps
- Equipped with built-in thermal protector



Model	Power (kW)	Outlet (mm)	Max.flow (m³/h)	Max.head (m)	Max.grain size (mm)
TWQ(D)27-9-1.5	1.5	80	50	15	50
TWQ(D)30-11-2.2	2.2	80	58	20	50
TWQ36-15-3	3	80	55	27	50

TWQ SERIES TWO POLE SEWAGE PUMP



Compact design, easy installation, auto-coupling is available on request. Double mechanical seal, high quality deep groove ball bearings. Wide channel impeller extending from inlet to exit, non clog from the solids. Full head, full performance

*Model range: Outlet DN50, 65, 80, 100, 150mm, Power from 0.55kW ~ 11kW, Solid size from 20mm ~ 50mm

TWQ SERIES FOUR POLE SEWAGE PUMP

- . Four-pole induction motor
- . Single phase pumps
- Maximum 1.5kW
- With thermal protector incorporated into the winding
- Available with float switch for automatic start/stop
- . Three phase pumps
- Equipped with built-in thermal protector



Model	Power (kW)	Outlet (mm)	Max.flow (m³/h)	Max.head (m)	Max.grain size (mm)
50TWQ(D)0.37	0.37	50	24	5.5	38
50TWQ(D)0.55	0.55	50	24	6.5	38
50TWQ(D)0.75	0.75	50	27	7	38
80TWQ(D)0.37	0.37	80	36	5	50
80TWQ(D)0.55	0.55	80	48	7.5	50
80TWQ(D)0.75	0.75	80	48	9	50
80TWQ(D)1.1	1.1	80	60	9.5	50
80TWQ(D)1.5	1.5	80	60	10.5	50
80TWQ2	2.2	80	60	11.5	50
100TWQ(D)1.5	1.5	100	72	10	45
100TWQ2.2	2.2	100	84	12.5	45
100TWQ3.7	3.7	100	84	13.5	45

TWQ SERIES FOUR POLE SEWAGE PUMP

Compact design, easy installation, auto-coupling is available on request. Double mechanical seal, high quality deep groove ball bearings. Wide channel impeller extending from inlet to exit, non clog from the solids. Full head, full performance

*Model range: Outlet DN100, 150, 200, 250, 300, 400mm, Power from 5.5kW ~ 75kW, Solid size from 50mm ~ 120mm



7. SEWAGE AND SLURRY PUMPS

WQX SERIES VORTEX IMPELLER SEWAGE PUMP



- . For pumping slurry, sewage, waste water (non-aggressive) in industrial and residential installations and drainage applications
- . For applications with big size solids up to 100mm
- . For water supply and drainage in farming, construction sites, etc

Model	Power (kW)	Outlet (mm)	Max.flow (m³/h)	Max.head (m)	Max.grain size (mm)
65WQX25-10-2.2	2.2	65	35	16	56
65WQX25-15-3	3	65	40	20	56
80WQX40-12-4	4	80	65	21	56
80WQX50-12-5.5	5.5	80	70	23	56
80WQX60-12-5.5	5.5	80	95	15	80
100WQX80-9-5.5	5.5	100	135	14	100
80WQX80-14-7.5	7.5	80	110	17	80
100WQX110-10-7.5	7.5	100	165	15	100
100WQX110-13-11	11	100	190	18	100

GRWQ SERIES CUTTING PUMP



- . For pumping slurry, sewage, waste water (non-aggressive) with solids and filamentous parts in industrial and residential installations and drainage applications
- . For water supply and drainage in farming, construction sites, etc
- . A high speed CUTTING system in the pump inlet can effectively cut off impurities containing long fiber and solids, and prevents impeller from clogging

Model	Power (kW)	Outlet (mm)	Max.flow (m³/h)	Max.head (m)
50GRWQ10-10-0.75	0.75	50	20	14
50GRWQ7-15-1.1	1.1	50	24	16
50GRWQ15-15-1.5	1.5	50	35	20
65GRWQ25-10-1.5	1.5	65	35	20
50GRWQ9-22-2.2	2.2	50	36	24
65GRWQ25-15-2.2	2.2	65	52	24
80GRWQ45-9-2.2	2.2	80	52	24
50GRWQ20-22-3	3	50	40	25
65GRWQ35-15-3	3	65	58	25
80GRWQ43-13-3	3	80	58	25
65GRWQ25-22-4	4	65	66	30
80GRWQ45-17-4	4	80	76	30
80GRWQ45-20-5.5	5.5	80	90	30
100GRWQ65-15-5.5	5.5	100	114	33
80GRWQ45-25-7.5	7.5	80	140	32
100GRWQ100-15-7.5	7.5	100	150	34
100GRWQ80-25-11	11	100	210	28
150GRWQ150-15-11	11	150	165	34

TBZ/TBZE SERIES SEWAGE PUMP



- . For pumping sewage, waste water (non-aggressive) in industrial and residential installations and drainage applications
- . For construction, aggregate and mining applications

TBZE INTELLIGENT CONTROL SYSTEM

The pump can operate automatically with built-in INTELLIGENT CONTROL SYSTEM

Model	Power (kW)	Outlet (mm)	Max.flow (m³/h)	Max.head (m)	Max.grain size (mm)
TBZ(E)21.5	1.5	50	27	22	8.5
TBZ(E)31.5	1.5	80	40	14.5	8.5
TBZ(E)22.2	2.2	50	33	26	8.5
TBZ(E)32.2	2.2	80	55	19	8.5
TBZ(E)23.7	3.7	50	33	34	8.5
TBZ(E)33.7	3.7	80	55	29	8.5
TBZ(E)43.7	3.7	100	90	18.5	8.5
TBZ(E)35.5	5.5	80	75	34	8.5
TBZ(E)45.5	5.5	100	105	23	8.5
TBZ47.5	7.5	100	84	40	11.5
TBZ67.5	7.5	100	125	31	19.5
TBZ411	11	100	86.5	48.5	11.5
TBZ611	11	150	147	32	19.5
TBZ415	15	150	84	56	11.5
TBZ615	15	150	156	40	19.5

TBS SERIES SEWAGE PUMP

- . For pumping sewage, waste water (non-aggressive) in industrial and residential installations and drainage applications
- . It is ideal pump for transferring or draining slurry used for slurry drilling, draining slurry mixed water and liquids containing sandy mud in civil engineering works or foundation works

FEATURES

- . An agitator is provided to assist smooth suction of the pumping fluid
- . The side-flow, top-discharge keeps the motor cooling even the pump runs continuously
- . High chrome iron Semi-open impeller enables the pump to maintain its original performance



Model	Power (kW)	Outlet (mm)	Max.flow (m³/h)	Max.head (m)	Max.grain size (mm)
80TBS44	4	80	99	14.8	30
100TBS46	6	100	144	16.9	30
150TBS49	9	150	192	21.5	30
200TBS415	15	200	372	22	30
200TBS422	22	200	360	32	30

8. GARDEN PUMPS

STP/STPD SERIES SUBMERSIBLE PUMP



STP

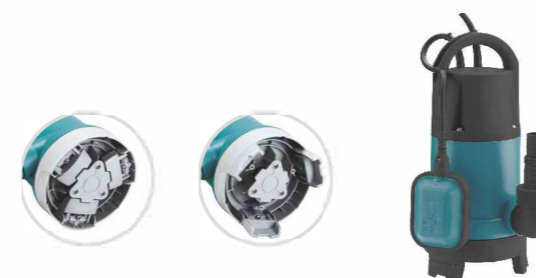
- . For clean water containing solids up to 5mm
- . For discharging domestic waste water
- . For draining rooms or emptying tanks
- . Extraction of water from ponds, streams and for rainwater collection . For irrigation purpose.

STPD

- . For dirty water, containing solids up to 35mm

Model	Power (kW)	Outlet	Q.max (l/h)	H.max (m)
STP250-C	0.25	G1", 1¼", 1½"	6000	6
STP400-C	0.4	G1", 1¼", 1½"	7000	8
STP550-C	0.55	G1", 1¼", 1½"	11000	8.5
STP750-C	0.75	G1", 1¼", 1½"	12500	8.5
STP900-C	0.9	G1", 1¼", 1½"	15000	9.5
STPD400-C	0.4	G1", 1¼", 1½"	8000	5
STPD550-C	0.55	G1", 1¼", 1½"	10000	7
STPD750-C	0.75	G1", 1¼", 1½"	13000	8
STPD900-C	0.9	G1", 1¼", 1½"	14000	8.5

TPC- SERIES CLEAN/DIRTY COMBINATION PUMP



Adjustable pump base, for draining both clean water and dirty water: When you open the pump base by hand, it could be used for dirty water application, when you close the pump base by hand, it could be used for clean water application only

Model	Power (kW)	Outlet	Q.max (l/h)	H.max (m)
TPC400-COMB	0.4	G1", 1¼", 1½"	8000	5
TPC550-COMB	0.55	G1", 1¼", 1½"	10000	7
TPC750-COMB	0.75	G1", 1¼", 1½"	13000	8
TPC900-COMB	0.9	G1", 1¼", 1½"	14000	8.5

STS/STSD SERIES SUBMERSIBLE PUMP



SS

- . For clean water containing solids up to 5mm
- . For the disposal of waste water in the home, from dish washers washing machines, etc
- . For draining small flooded areas, such as rooms, cellars and garages
- . For pumping water for filling/emptying containers, ponds, tanks, etc
- . For pumping water from ponds, rivers and lakes

SSD

- . For dirty water, containing solids up to 35mm

Model	Power (kW)	Outlet	Q.max (l/h)	H.max (m)
SST400-B	0.4	G1", 1¼", 1½"	7500	6.5
STS550-B	0.55	G1", 1¼", 1½"	8500	7.5
STS750-B	0.75	G1", 1¼", 1½"	11000	8.5
STS900-B	0.9	G1", 1¼", 1½"	13000	9
STSD550-B	0.55	G1", 1¼", 1½"	10000	7
STSD750-B	0.75	G1", 1¼", 1½"	13000	8
STSD900-B	0.9	G1", 1¼", 1½"	14000	9
STSD1100-B	1.1	G1", 1¼", 1½"	16500	10.5

TSP- SERIES BUILT-IN FLOW SWITCH PUMP



TSP-AUTO

TSPD-AUTO

Model	Power (kW)	Outlet	Q.max (l/h)	H.max (m)
TSP250 AUTO-B	0.25	G1", 1¼", 1½"	6000	6
TSP400 AUTO-B	0.4	G1", 1¼", 1½"	7000	8
TSP550 AUTO-B	0.55	G1", 1¼", 1½"	11000	8.5
TSP750 AUTO-B	0.75	G1", 1¼", 1½"	12500	8.5
TSPD400 AUTO-B	0.4	G1", 1¼", 1½"	8000	5
TSPD550 AUTO-B	0.55	G1", 1¼", 1½"	10000	7
TSPD750 AUTO-B	0.75	G1", 1¼", 1½"	13000	8

8. GARDEN PUMPS

SP-MULTI SERIES MULTISTAGE SUBMERSIBLE PUMP

. Ideal for use in rain water systems and watering networks, to pump water from cisterns, ponds and wells, and for other applications requiring high pressure

- . Available with 3 or 4 impellers
- . Available with float switch (B type) or integrated electronics (D type) for automatic start/stop



Model	Power (kW)	Outlet	Q.max (l/h)	H.max (m)
SP800 MULTI-B	0.8	G1"	5500	30
SP1000 MULTI-B	1	G1"	5500	40
SP800 MULTI-D	0.8	G1"	5700	35
SP1000 MULTI-D	1	G1"	6000	45

DSm SERIES DEEP WELL SUBMERSIBLE PUMP

- . Single phase
- With thermal protector incorporated into the winding
- Available with the float switch for automatic start/stop
- Available with the built-in sensor for automatic start/stop



Model	Power (kW)	Outlet	Q.max (m ³ /h)	H.max (m)
100DSm3/5	0.37	G1"	6	35
100DSm3/6	0.55	G1"	6	44
100DSm3/7	0.75	G1"	6	49
100DSm3/8	0.9	G1"	6	56
100DSm3/10	1.1	G1"	6	69

SCm SERIES DEEP WELL SUBMERSIBLE PUMP

- . Single phase
- With thermal protector incorporated into the winding
- Available with the float switch for automatic start/stop
- Available with the start control box or automatic control box



Model	Power (kW)	Outlet	Q.max (m ³ /h)	H.max (m)
100SCm3/5	0.37	G1"	5.8	27
100SCm3/6	0.55	G1"	5.8	38
100SCm3/7	0.75	G1"	5.8	47
100SCm3/8	1.1	G1"	5.8	75
100SCm3/10	1.5	G1"	5.8	94
125SCm4/3	0.55	G1 1/4"	7.8	32
125SCm4/4	0.75	G1 1/4"	7.8	43
125SCm4/5	0.9	G1 1/4"	7.8	54
125SCm4/6	1.1	G1 1/4"	7.8	65
125SCm4/7	1.5	G1 1/4"	7.8	75

JTGP SERIES SURFACE GARDEN PUMP



This pump is designed for pumping clean water in the house and garden. It is ideal for ideal for garden irrigation, pressure boosting and clean water transfer. The high head ensures this pump can carry the water wherever you need it

Model	Power (kW)	In/Out (mm)	Q.max (m ³ /h)	H.max (m)
JT GP900	0.9	25x25	3.6	42
JT GP1100	1.1	25x25	4.6	45
JT GP1300	1.5	25x25	4.8	50
JT GP900INOX	0.9	25x25	3.6	42
JT GP1100INOX	1.1	25x25	4.6	45
JT GP1300INOX	1.5	25x25	4.8	50
JT GP600HT	0.6	25x25	3	36
JT GP800HT	0.8	25x25	3.2	38
JT GP900HT	0.9	25x25	3.6	42
JT GP1100HT	1.1	25x25	4.6	45
JT GP1300HT	1.5	25x25	4.8	50

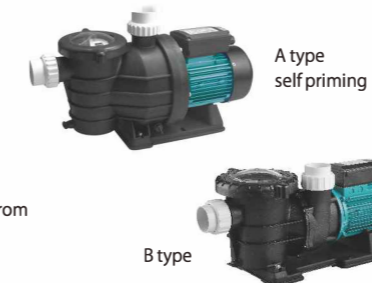
The pump is suitable in particular for distributing water in combination with an Electronic flow switch or small pressure sets for automatic start-up and shut-off. Also can be used for garden watering and washing cars combined with a trigger nozzle and hose



9. SWIMMING POOL PUMPS

PTPm SERIES SWIMMING POOL PUMP

- . For water circulation in swimming pool filtration system
- . For clean and slight dirty water with solids in suspension
- . The pump should be installed in an enclosed environment or sheltered from inclement weather



Model	Power (kW)	Fitting size (mm)	Q.max (l/min)	H.max (m)
PTPm250-A	0.25	48.5/50	190	7.5
PTPm370-A	0.37	48.5/50	220	9
PTPm550-A	0.55	48.5/50	280	11
PTPm750-A	0.75	48.5/50	310	14.5
PTPm900-A	0.9	48.5/50	340	15.5
PTPm1100-A	1.1	48.5/50	350	17.5
PTPm180-B	0.18	48.5/50	140	5
PTPm250-B	0.25	48.5/50	160	8
PTPm370-B	0.37	48.5/50	210	11
PTPm550-B	0.55	48.5/50	140	10.5
PTPm750-B	0.75	48.5/50	175	11
PTPm900-B	0.9	48.5/50	300	13
PTPm1100-B	1.1	60.3/63	430	16.5
PTPm1500-B	1.5	60.3/63	520	18
PTPm1850-B	1.85	60.3/63	600	19
PTPm2200-B	2.2	60.3/63	635	19.5

FTS FILTRATION SYSTEM

- . Systems are designed for quick assembly and precise alignment of components
- . Pumps and filters are performance-matched to provide maximum flow and energy efficiency
- . Filter bases interconnect with fiberglass stand for long lasting, all-weather performance
- . 6-position multiport valve
- . Combination water and sand drain makes servicing and winterizing fast and easy
- . All models are one carton systems
- . Maximum working pressure: 200kPa / 28psi / 2.0bar
- . Factory testing pressure: 300kPa / 44psi / 3.0bar
- . Maximum water temperature: 40°C
- . Size of silica sand: 0.5~0.8mm



Model	Power (kW)	Sand filter DIA. (mm/inch)	Rate flow (m ³ /h)	Max. flow (m ³ /h)	Pipe size (inch)
FTS180-12	180	304/12"	4.5	7.5	1 1/4"
FTS250-12	250	304/12"	6	10.2	1 1/4"
FTS180-14	180	350/14"	4.5	7.5	1 1/4"
FTS250-14	250	350/14"	6	10	1 1/4"
FTS370-14	370	350/14"	7	11	1 1/4"
FTS250-16	250	400/16"	6.8	10	1 1/2"
FTS370-16	370	400/16"	7.9	14.4	1 1/2"
FTS250-18	250	460/18"	6.8	10	1 1/2"
FTS550-18	550	460/18"	10	15.9	1 1/2"
FTS550-19	550	500/19"	9	15.9	1 1/2"

STWP SERIES SELF PRIMING PUMP



Model	Power (kW)	Fitting size (mm)	Q.max (l/min)	H.max (m)
STWP075	0.37	60.3/63	285	12
STWP100	0.55	60.3/63	315	15
STWP120	0.9	60.3/63	335	17
STWP150	1.1	60.3/63	400	19
STWP200	1.5	60.3/63	480	21
STWP250	1.85	60.3/63	530	21
STWP300	2.2	60.3/63	550	22

SPS1 SERIES SELF PRIMING PUMP



Model	Power (kW)	Fitting size (mm)	Q.max (l/min)	H.max (m)
SPS1-025	0.37	60.3/63	195	12
SPS1-035	0.55	60.3/63	255	15
SPS1-050	0.75	60.3/63	340	17
SPS1-075	0.9	60.3/63	400	19
SPS1-100	1.1	60.3/63	480	21
SPS1-150	1.5	60.3/63	530	21

SPS2/SSPS S2 SERIES SELF PRIMING PUMP



Model	Power (kW)	Fitting size (mm)	Q.max (l/min)	H.max (m)
SPS2-120	0.9	60.3/63	350	12
SPS2-150	1.1	60.3/63	350	14
SPS2-200	1.5	60.3/63	450	17
SPS2-250	1.85	60.3/63	500	19
SPS2-300	2.2	60.3/63	550	20
SPS2-400	3	60.3/63	650	22
SPSS2-120	0.9	60.3/63	350	12
SPSS2-150	1.1	60.3/63	350	14
SPSS2-200	1.5	60.3/63	450	17
SPSS2-250	1.85	60.3/63	500	19
SPS2-300	2.2	60.3/63	550	20
SPSS2-400	3	60.3/63	650	22

10. MACERATOR PUMPS

TWC SERIES MACERATOR PUMP

. The macerating pumping system has been designed to pump away the waste from WC, washbasin, bidet, shower, domestic kitchen sink, dishwasher and washing machine - all working at the same time if required.
 . With the help of this system, it is possible to install a complete bathroom in a basement conversion or loft extension, also makes the addition of a domestic kitchen or utility room easy even when below or distant from a drain
 . The system is installed in a case specially designed for horizontal outlet spigots, installed and used correctly, this unit will give consistent and reliable service
 . The system has a grinder pump and a carbon filter.
 . It is provided with flexible sleeves, elbow, metal hose clips



TWC-600A

- * 600W, single phase
- * H.max: 8m, Q.max: 145l/min, Max. horizontal discharge: 80m
- * Water temp: 0-65°C
- * 4 inlet + 1 outlet
- * One repair panel, can easy to take out the block

DC SOLAR SURFACE PUMP

. Solar power is the primary power source, in almost all cases the water requirements can be met with as well designed solar system and water storage, replacing the need for grid power or diesel. It has all the inputs and outputs needed in a self-managing system.
 . The controller manages both system operations, analyzing inputs and constantly optimizing the system for maximum water output



DC pump TSQB



TDC pump TSJET



DC pump TSCPM



MPPT controller

Model	Power (W)	Flow (l/min)	Head (m)	Length (m)	Weight (kg)
TSQ2.0/25-24/210	210	25x25	2	25	24
TSQ2.2/35-24/280	280	25x25	2	25	24
TSQ3.0/50-48/550	550	25x25	3	50	48
TSQ3.0/50-2/550	550	25x25	3	50	72
TSQ3.0/60-72/750	750	25x25	3	60	72
TSJET2.5/35-48/370	370	25x25	2.5	35	48
TSJET2.7/45-48/550	550	25x25	2.7	45	48
TSJET3.0/55-72/750	750	25x25	3	55	72
TSCPM4.8/22-48/370	370	25x25	4.8	22	48
TSCPM6.6/35-48/750	750	25x25	6.6	35	48
TSCPM 16/18-48/750	750	40x40	6	9	48
TSCPM27/15-72/1100	1100	50x50	17	15	72

11. SOLAR PUMPS

DC SOLAR SCREW PUMP

Built in MPPT controller

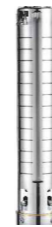


DC screw pump 3TSQG/4BSQG

Model	Power (W)	Flow (l/min)	Head (m)	Length (m)	Weight (kg)
3TSQG1.3-70-44-260	260	3/4"	1.3	70	44
3TSQG1.4-135-48-600	600	3/4"	1.4	135	48
4TSQG2.5-70-48-600	600	1"	2.5	70	48
4TSQG2.5-100-72-800	800	1"	2.5	100	72

DC SOLAR SUBMERSIBLE PUMP

Built in MPPT controller



DC borehole pump BSQJ/BSSP

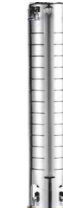
Model	Power (W)	Flow (l/min)	Head (m)	Length (m)	Weight (kg)
3TSQJ2.7-42-44-270	270	1"	2.7	42	44
4TSQJ4-30-48-350	350	1.25"	4	30	48
4TSQJ4-50-72-600	600	1.25"	4	50	72
4TSQJ4-60-96-650	650	1.25"	4	60	96
4TSQJ4-100-130-900	900	1.25"	4	100	130
4TSQJ6-40-72-600	600	1.5"	6	40	72
4TSQJ6-60-108-850	850	1.5"	6	60	108
4TSQJ6-80-72-950	950	1.5"	6	80	72
4TSQJ6-110-108-1600	1600	1.5"	6	110	108
4TSQJ6-160-138-2100	2100	1.5"	6	160	138
4TSQJ10-60-72-1100	1100	1.5"	10	60	72
4TSQJ10-100-108-1700	1700	1.5"	10	100	108
4TSQJ10-140-138-2100	2100	1.5"	10	140	138
4TSQJ12-30-72-800	800	1.5"	12	30	72
4TSQJ12-60-108-1500	1500	1.5"	12	60	108
4TSQJ12-100-138-1900	1900	1.5"	12	100	138
4TSSP4-50-48-400	400	1.25"	4	50	48
4TSSP4-80-72-550	550	1.25"	4	80	72
4TSSP4-100-96-650	650	1.25"	4	100	96
4TSSP4-130-130-880	880	1.25"	4	130	130
4TSSP4-190-108-1400	1400	1.25"	4	190	108
4TSSP8-140-130-2000	2000	2"	8	140	130

11. SOLAR PUMPS

DC SOLAR SUBMERSIBLE PUMP



MPPT controller



DC borehole pump 3SQJ/4SSP

Model	Power (W)	Flow (l/min)	Head (m)	Length (m)	Weight (kg)
3STJ2.5-15-24-140	140	1"	2.5	15	24
3STJ2.7-22-24-180	140	1"	2.7	22	24
3STJ3.4-35-24-300	300	1"	3.4	35	24
3STJ3.4-35-48-300	300	1"	3.4	35	48
3STJ3.4-40-48-400	400	1"	3.4	40	48
3STJ3.4-54-48-550	550	1"	3.4	54	48
3STJ5-35-48-550	550	1"	5	35	48
3STJ3.4-65-48-600	600	1"	3.4	65	48
3STJ3.4-80-48-750	750	1"	3.4	80	48
3STJ5-50-48-750	750	1"	5	50	48
3STJ3.4-80-72-750	750	1"	3.4	80	72
3STJ5-50-72-750	750	1"	5	50	72
3STJ3.4-120-72-1100	1100	1"	3.4	120	72
3STJ5-72-72-1100	1100	1"	5	72	72
3STJ5.4-85-96-1300	1300	1"	5.4	85	96
4STSP3.8-50-48-550	550	1.25"	3.8	50	48
4STSP5.5-36-48-550	550	1.25"	5.5	36	48
4STSP7-30-48-550	550	1.25"	7	30	48
4STSP10-21-48-550	550	1.5"	10	21	48
4STSP4-80-48-750	750	1.25"	4	80	48
4STSP5.5-54-48-750	750	1.25"	5.5	54	48
4STSP7-40-48-750	750	1.25"	7	40	48
4STSP10-32-48-750	750	1.5"	10	32	48
4STSP3.8-96-72-1100	1100	1.25"	3.8	96	72
4STSP5.5-72-72-1100	1100	1.25"	5.5	72	72
4STSP7-60-72-1100	1100	1.25"	7	60	72
4STSP10-43-72-1100	1100	1.5"	10	43	72
4STSP18-22-72-1100	1100	2"	18	22	72
4STSP4-140-96-1300	1300	1.25"	4	140	96
4STSP5.5-120-96-1300	1300	1.25"	5.5	120	96
4STSP7-95-96-1300	1300	1.25"	7	95	96
4STSP10-60-96-1300	1300	1.5"	10	60	96
4STSP18-33-96-1300	1300	2"	18	33	96
4STSP3.7-154-96-1500	1500	1.25"	3.7	154	96
4STSP5.5-132-96-1500	1500	1.25"	5.5	132	96
4STSP7.7-105-96-1500	1500	1.25"	7.7	105	96
4STSP11-66-96-1500	1500	1.5"	11	66	96
4STSP20-36-96-1500	1500	2"	20	36	96

DC SOLAR SCREW PUMP



MPPT controller



DC screw pump SQG

Model	Power (W)	Flow (l/min)	Head (m)	Length (m)	Weight (kg)
3STG1.0/30-24/80	80	3/4"	1	30	24
3STG1.3/50-24/140	140	3/4"	1.3	50	24
3STG1.8/80-24/210	210	3/4"	1.8	80	24
3STG1.8/100-24/270	270	3/4"	1.8	100	24
3STG1.8/120-48/500	500	3/4"	1.8	120	48
3STG2.3/140-48/750	750	3/4"	2.3	140	48
3STG2.3/160-72/1100	1100	3/4"	2.3	160	72
3STG2.3/180-72/1200	1200	3/4"	2.3	180	72

SOLAR PUMPING INVERTERS

Solar pumping inverter regulates and controls the whole system, driving the pumps which are with 1 or 3 phase AC induction motor, by converting DC power produced by solar array into AC power, using MPPT (Maximum Power Point Tracking) to adjust output frequency, and fully apply the solar power on the pumps.



Solar array

Solar pumping inverter



1 or 3 phase pumps with AC induction motor

Power range	0.75-2.2kW	0.75-1.5kW	0.75-2.2kW	0.75-110kW
Max.DC voltage (V)	400	400	400	800
Start up voltage (V)	200	70	200	300
Lowest working voltage (V)	150	60	150	250
Recommended DC input voltage range (V)	200-400	70-400	200-400	300-750
Recommended MPPT voltage range (V)	300	156	330	550