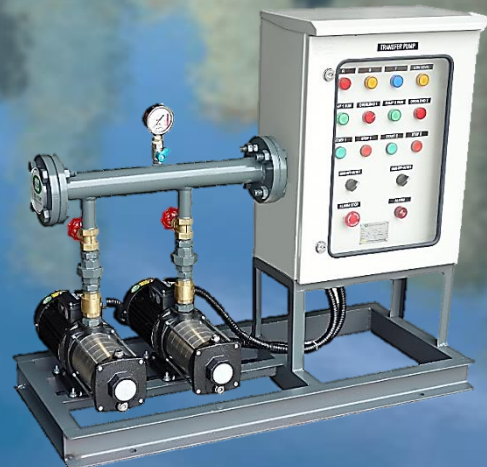


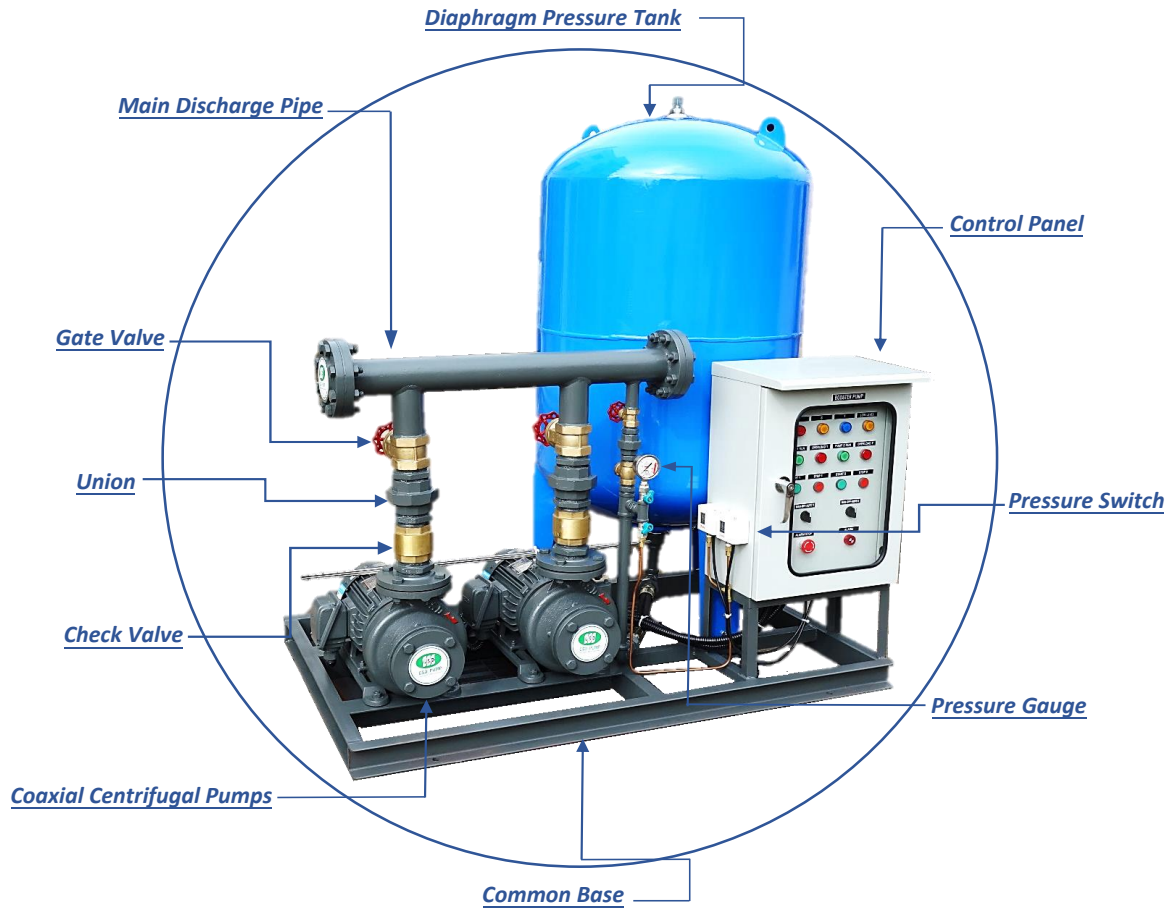


# BTP2D/TFP2D SERIES

PACKAGE BOOSTER PUMP & PACKAGE TRANSFER PUMP



## Package Booster Pump



### BTP2D GPS Series

#### Features

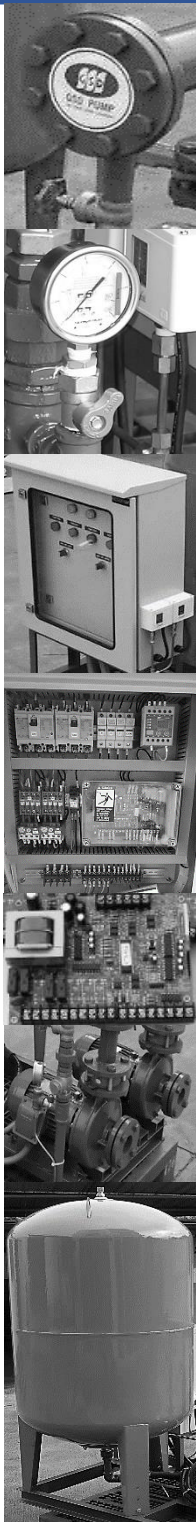
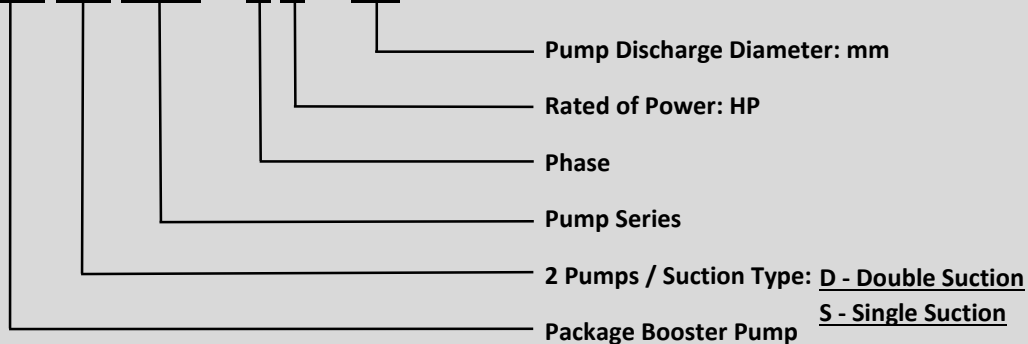
- Integrated with two units of coaxial centrifugal pumps.
- Operated by electronic control board with alternate and parallel function.
- Three levels detection in ground water tank: Start – Low cut off – Common.
- Have time delayer to prolong pumps operation after pressure switch working.
- Alarm buzzer/lamp: Low level – Overload 1 – Overload 2.
- All components are installed on common base fabricated by channel steel.
- Optional protection: Dry running protection

#### Applications

- Domestic high-rise building, Apartment
- Hotel, Commercial building, Department store
- Factories, Industrial application
- Hospital, University, School

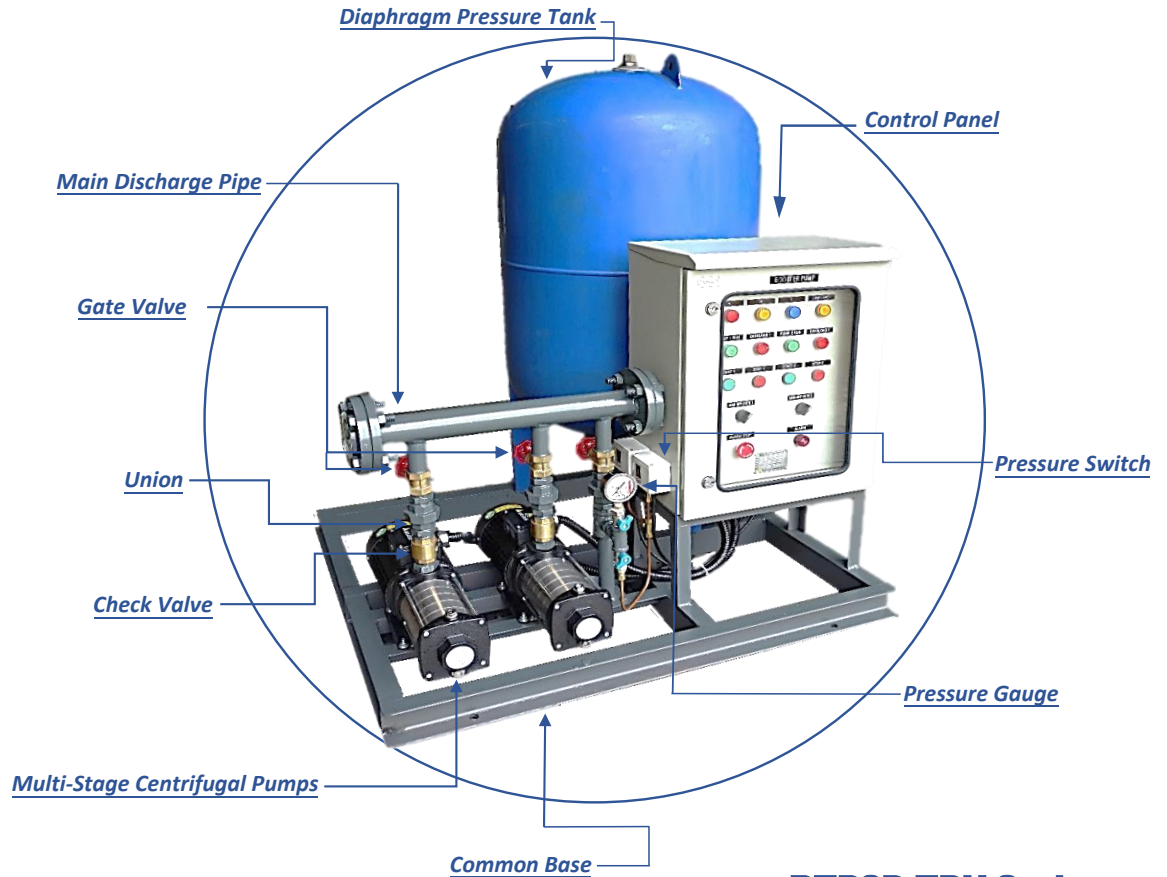
### Description (GPS Series)

**BTP 2D GPS – 3 5 – 50**





## Package Booster Pump



### BTP2D TPH Series

#### Features

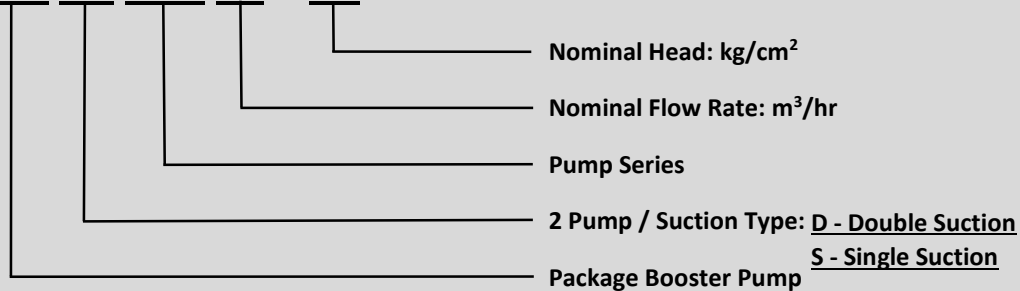
- Integrated with two units of horizontal multi-stage centrifugal pumps.
- Pump main working parts made by stainless steel.
- Operated by electronic control board with alternate and parallel function.
- Three levels detection in ground water tank:  
Start – Low cut off – Common.
- Have time delayer to prolong pumps operation after pressure switch working.
- Alarm buzzer/lamp: Low level – Overload 1 – Overload 2.
- All components are installed on common base fabricated by channel steel.
- Optional protection: Dry running protection

#### Applications

- Domestic high-rise building, Apartment
- Hotel, Commercial building, Department store
- Factories, Industrial application
- Hospital, University, School

### Description (TPH Series)

#### BTP 2D TPH 4T – 4K



# BTP2D Series

## Specification

Description		BTP2D GPS Series	BTP2D TPH Series
Pump	Pump Type	Coaxial Centrifugal Pump	Horizontal Multi-Stage Centrifugal Pump
	Pump Series	GPS Series	TPH Series
	Pump Operation No.	2	2
	Max. Flow rate	Up to 112.4 m <sup>3</sup> /hr	Up to 28 m <sup>3</sup> /hr
	Max. Head	Up to 52 m	Up to 52 m
	Liquid Type & Temp	Clean Water, ≤ 60 °C	
Power Source	AC, 380V, 50Hz, 3 Phase	AC, 200 / 380 V, 50 Hz, 1 or 3 Phase	
Control Panel	Type	Electronic Control Board	
	Operation Model	Alternate and Parallel	
	Starting Method	D.O.L (Up to 7.5 kW) or Star-Delta (11 kW)	D.O.L (Direct On-Line)
	Level Control	3 Levels / Start - Low cut off - Common	
	Operation Key	Push Button & Selector Switch Type	
Installation Area	Indoor		
Pressure Tank	Type	Air Pre-Charged Diaphragm Tank	
	Capacity	100L / 200L / 300L / 500L / 750L / (Refer to Model)	
Pressure Switch		Model: KP35 (0.2-7.5 bar)	
Accessories		Control Panel, Pressure Tank, Pressure Switch, Pressure Gauge, Common Base, Piping & Valves, Electrical Wiring	

## Performance Parameters

### GPS Series

Model	Speed (r/min)	Capacity (m <sup>3</sup> /hr)		Head (m)	Motor Power (kW)	Main Discharge (mm)
		Alternate	Parallel			
BTP2D GPS 32-50	2900	8.8	17.6	21.5	1.5	65
		12.5	25	20		
		16.3	32.6	17.8		
BTP2D GPS 33-50	2900	9.4	18.8	29.5	2.2	65
		11.7	23.4	28		
		14	28	25		
BTP2D GPS 35-50	2900	9.4	18.8	46	3.7	65
		11.7	23.4	44		
		13	26	40		
BTP2D GPS 37-50	2900	10	20	52	5.5	65
		12.5	25	50		
		15	30	47		
BTP2D GPS 33-65	2900	16	32	20	2.2	80
		22.3	44.6	18		
		29	58	14		
BTP2D GPS 35-65	2900	20	40	34	3.7	80
		25	50	32		
		30	60	28		
BTP2D GPS 37-65	2900	17.4	34.8	40.5	5.5	80
		21.7	43.4	38		
		26	52	34		
BTP2D GPS 310-65	2900	20	40	51.5	7.5	80
		25	50	50		
		30	60	47		
BTP2D GPS 37-80	2900	34.6	69.2	26	5.5	100
		43.4	86.8	24		
		52	104	21		
BTP2D GPS 310-80	2900	32	64	38	7.5	100
		40	80	36		
		48	96	33		
BTP2D GPS 315-80	2900	37.4	74.8	46.5	11	100
		46.8	93.6	44		
		56.2	112.4	41		

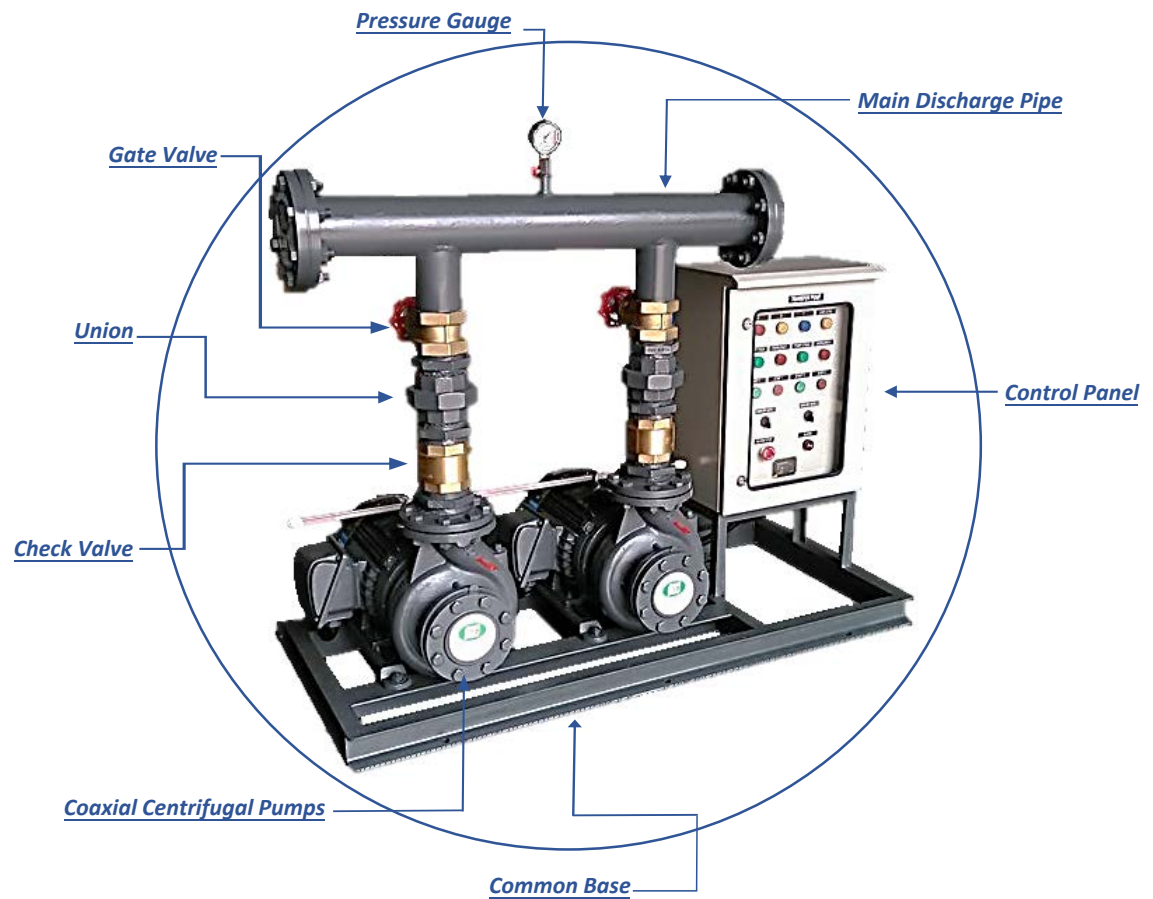
\*Other pump models are available upon request.

### TPH Series

Model	Speed (r/min)	Capacity (m <sup>3</sup> /hr)		Head (m)	Motor Power (W)	Main Discharge (mm)
		Alternate	Parallel			
BTP2D TPH 4T-4K	2900	2	4	33	1010	50
		4	8	28		
		6	12	23		
		8	16	15		
BTP2D TPH 4T-5K	2900	2	4	42	1300	50
		4	8	37		
		6	12	29		
		8	16	20		
BTP2D TPH 4T-6K	2900	2	4	52	1640	50
		4	8	45		
		6	12	36		
		8	16	24		
BTP2D TPH 8T-4K	2900	4	8	35	1600	50
		6	12	32		
		8	16	27		
		10	20	20		
BTP2D TPH 8T-5K	2900	4	8	39	2000	50
		6	12	37		
		8	16	33		
		10	20	27		
BTP2D TPH 8T-6K	2900	4	8	50	2230	50
		6	12	45		
		8	16	40		
		10	20	32		
BTP2D TPH 12T-4K	2900	6	12	35	2500	65
		8	16	33		
		10	20	32		
		12	24	28		
		14	28	24		
BTP2D TPH 12T-5K	2900	6	12	45	3050	65
		8	16	43		
		10	20	40		
		12	24	37		
		14	28	32		
BTP2D TPH 12T-6K	2900	6	12	52	3700	65
		8	16	49		
		10	20	47		
		12	24	43		
		14	28	38		

\*Other pump models are available upon request.

## Package Transfer Pump



### TFP2D GPS Series

#### Features

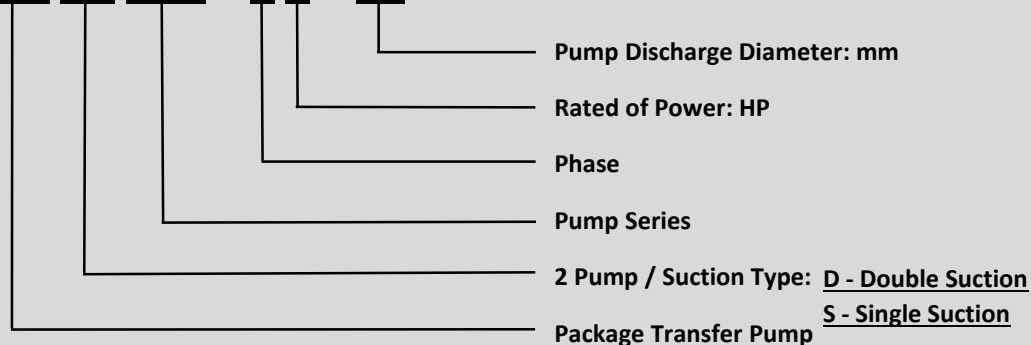
- Integrated with two units of coaxial centrifugal pumps.
- Operated by electronic control board with alternate and parallel function.
- Water level detectors in both ground and roof tank.
- Three levels detection in ground water tank: Start – Low cut off – Common.
- Four levels detection in roof water tank: Stop – Alternate – Parallel – Common.
- Alarm buzzer/lamp: Low level – Overload 1 – Overload 2.
- All components are installed on common base fabricated by channel steel.
- Optional protection: Dry running protection

#### Applications

- Domestic high-rise building, Apartment
- Hotel, Commercial building, Department store
- Factories, Industrial application
- Hospital, University, School

#### Description (GPS Series)

**TFP 2D GPS – 3 5 – 50**



Pump Discharge Diameter: mm

Rated of Power: HP

Phase

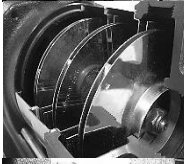
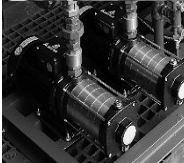
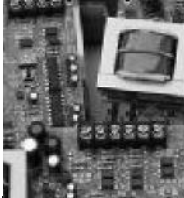
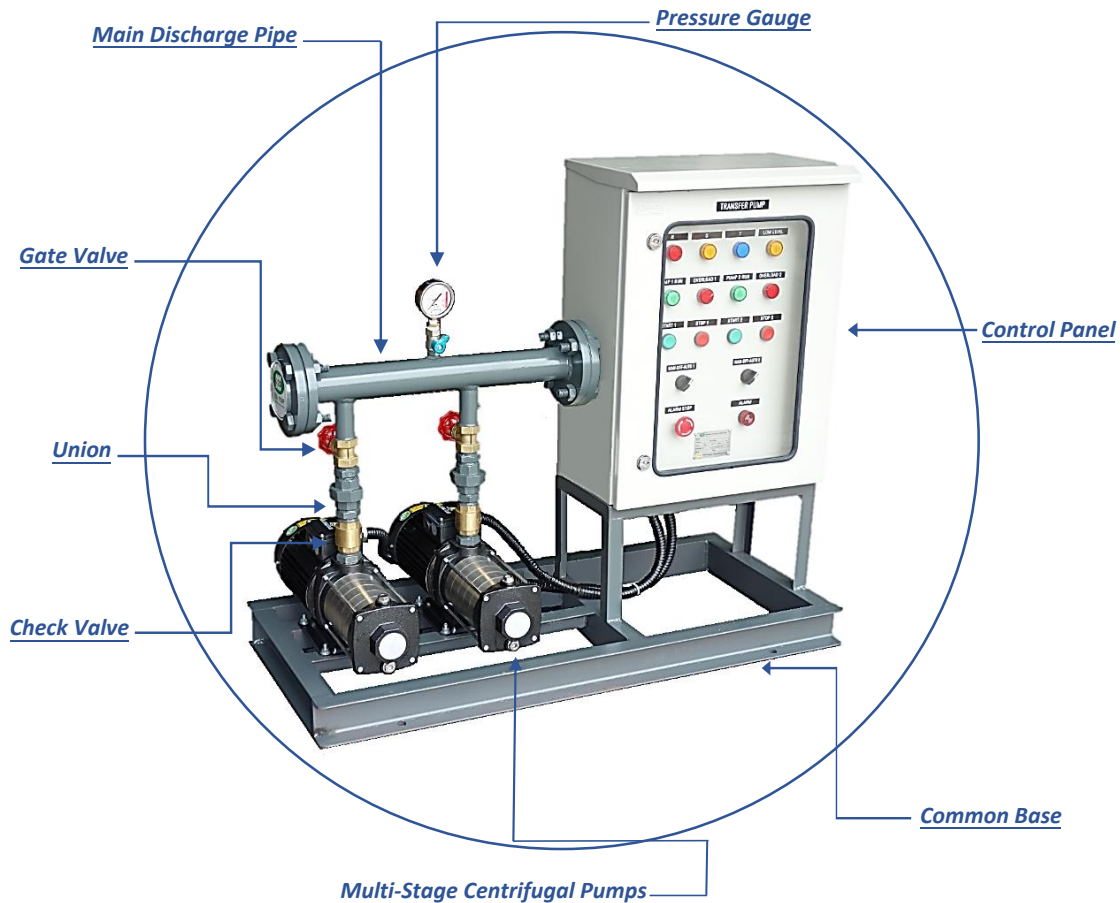
Pump Series

2 Pump / Suction Type: **D - Double Suction**

**S - Single Suction**

Package Transfer Pump

## Package Transfer Pump



### TFP2D TPH Series

#### Features

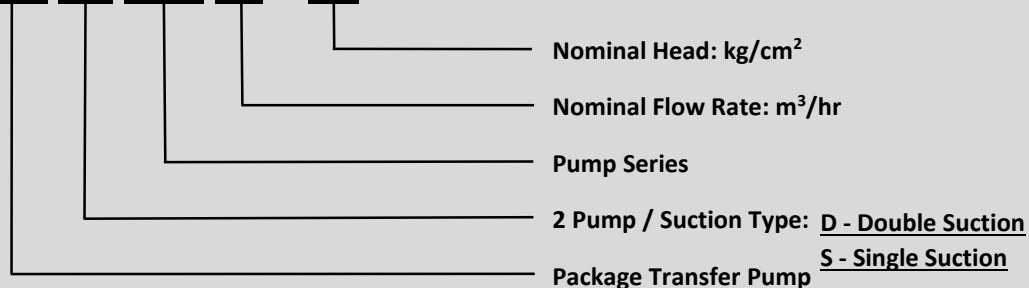
- Integrated with two units of horizontal multi-stage centrifugal pumps.
- Pump main working parts made by stainless steel.
- Operated by electronic control board with alternate and parallel function.
- Water level detectors in both ground and roof tank.
- Three levels detection in ground water tank:  
Start – Low cut off – Common.
- Four levels detection in roof water tank:  
Stop – Alternate – Parallel – Common.
- Alarm buzzer/lamp: Low level – Overload 1 – Overload 2.
- All components are installed on common base fabricated by channel steel.
- Optional protection: Dry running protection

#### Applications

- Domestic high-rise building, Apartment
- Hotel, Commercial building, Department store
- Factories, Industrial application
- Hospital, University, School

#### Description (TPH Series)

### TFP 2D TPH 4T – 4K





## Specification

Description		TFP2D GPS Series	TFP2D TPH Series
Pump	Pump Type	Coaxial Centrifugal Pump	Horizontal Multi-Stage Centrifugal Pump
	Pump Series	GPS Series	TPH Series
	Pump Operation No.	2	2
	Max. Flow rate	Up to 112.4 m <sup>3</sup> /hr	Up to 28 m <sup>3</sup> /hr
	Max. Head	Up to 52 m	Up to 52 m
	Liquid Type & Temp	Clean Water, ≤ 60 °C	
	Power Source	AC, 380V, 50Hz, 3 Phase	AC, 200 / 380 V, 50 Hz, 1 or 3 Phase
Control Panel	Type	Electronic Control Board	
	Operation Model	Alternate and Parallel	
	Starting Method	D.O.L (Up to 7.5 kW) or Star-Delta (11 kW)	D.O.L (Direct On-Line)
	Level Control	Roof Tank: 4 Levels / Start - Low cut off - Common	
		Ground Tank: 3 Levels / Start - Low cut off - Common	
	Operation Key	Push Button & Selector Switch Type	
Installation Area	Indoor		
Accessories		Control Panel, Pressure Gauge, Common Base, Piping & Valves, Electrical Wiring	

## Performance Parameters

Model	Speed (r/min)	Capacity (m <sup>3</sup> /hr)		Head (m)	Motor Power (kW)	Main Discharge (mm)
		Alternative	Parallel			
TFP2D GPS 32-50	2900	8.8	17.6	21.5	1.5	65
		12.5	25	20		
		16.3	32.6	17.8		
TFP2D GPS 33-50	2900	9.4	18.8	29.5	2.2	65
		11.7	23.4	28		
		14	28	25		
TFP2D GPS 35-50	2900	9.4	18.8	46	3.7	65
		11.7	23.4	44		
		13	26	40		
TFP2D GPS 37-50	2900	10	20	52	5.5	65
		12.5	25	50		
		15	30	47		
TFP2D GPS 310-50	2900	9.4	18.8	72	7.5	65
		11.7	23.4	70		
		13	26	66		
TFP2D GPS 33-65	2900	16	32	20	2.2	80
		22.3	44.6	18		
		29	58	14		
TFP2D GPS 35-65	2900	20	40	34	3.7	80
		25	50	32		
		30	60	28		
TFP2D GPS 37-65	2900	17.4	34.8	40.5	5.5	80
		21.7	43.4	38		
		26	52	34		
TFP2D GPS 310-65	2900	20	40	51.5	7.5	80
		25	50	50		
		30	60	47		
TFP2D GPS 315-65	2900	18.4	36.8	72	11	80
		23	46	70		
		27.6	55.2	66.5		
TFP2D GPS 37-80	2900	34.6	69.2	26	5.5	100
		43.4	86.8	24		
		52	104	21		
TFP2D GPS 310-80	2900	32	64	38	7.5	100
		40	80	36		
		48	96	33		
TFP2D GPS 315-80	2900	37.4	74.8	46.5	11	100
		46.8	93.6	44		
		56.2	112.4	41		
TFP2D GPS 320-80	2900	34.6	69.2	64	15	100
		43.3	86.6	60		
		52	104	57		
TFP2D GPS 325-80	2900	37	74	73.5	18.5	100
		46.8	93.6	70		
		56	112	65		

### GPS Series

### TPH Series

Model	Speed (r/min)	Capacity (m <sup>3</sup> /hr)		Head (m)	Motor Power (W)	Main Discharge (mm)
		Alternate	Parallel			
TFP2D TPH 4T-4K	2900	2	4	33	1010	50
		4	8	28		
		6	12	23		
TFP2D TPH 4T-5K	2900	8	16	15	1300	50
		2	4	42		
		4	8	37		
TFP2D TPH 4T-6K	2900	6	12	29	1640	50
		8	16	20		
		2	4	52		
TFP2D TPH 8T-4K	2900	4	8	35	1600	50
		6	12	32		
		8	16	27		
TFP2D TPH 8T-5K	2900	10	20	27	2000	50
		4	8	39		
		6	12	37		
TFP2D TPH 8T-6K	2900	8	16	40	2230	50
		10	20	32		
		4	8	50		
TFP2D TPH 12T-4K	2900	6	12	35	2500	65
		8	16	33		
		10	20	32		
		12	24	28		
TFP2D TPH 12T-5K	2900	14	28	24	3050	65
		6	12	45		
		8	16	43		
		10	20	40		
TFP2D TPH 12T-6K	2900	12	24	37	3700	65
		14	28	32		
		6	12	52		
		8	16	49		
TFP2D TPH 12T-6K	2900	10	20	47	3700	65
		12	24	43		
		14	28	38		

\*Other pump models are available upon request.

