

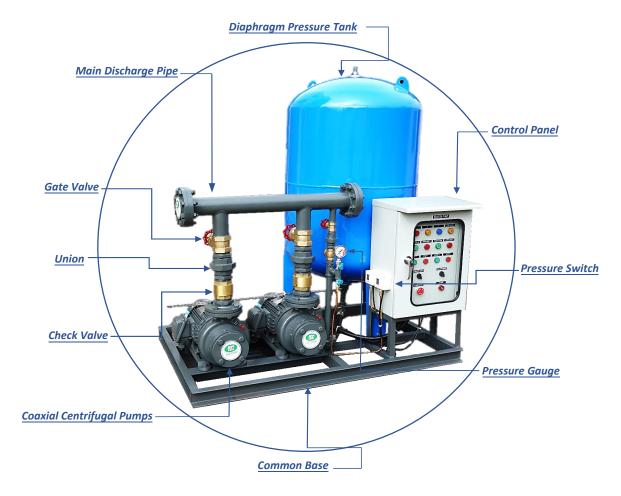
BTP2D/TFP2D SERIES







Package Booster Pump



BTP2D GPS Series

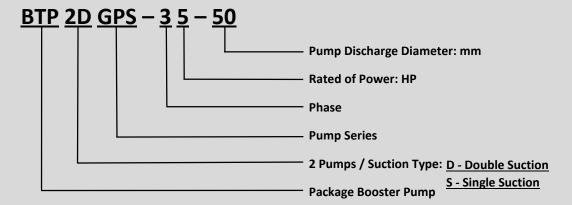
Features

- Integrated with two units of coaxial centrifugal pumps.
- Operated by electronic control broad 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

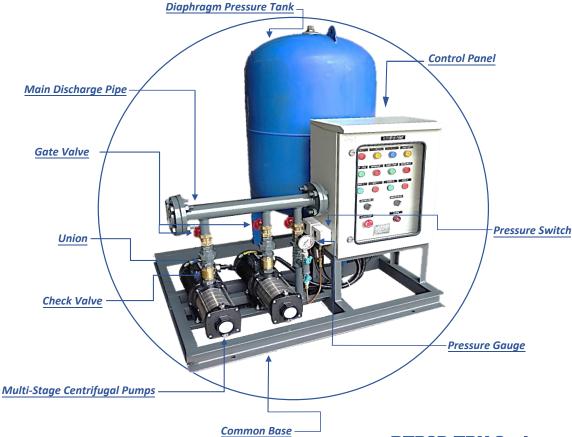
Description (GPS Series)







Package Booster Pump



Features

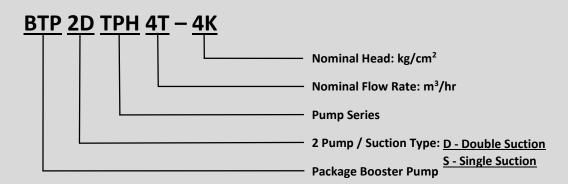
- Integrated with two units of horizontal multi-stage centrifugal pumps.
- Pump main working parts made by stainless steel.
- Operated by electronic control broad with alternate and parallel function.
- Three levels detection in ground water tank:
 Start Low cut off Common.
- Have time delayer to prolong 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

BTP2D TPH Series

Applications

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

Description (TPH Series)



BTP2D Series

Specification

Description		BTP2D GPS Series	BTP2D TPH Series		
	Pump Type	Coaxial Centrifugal Pump	Horizontal Multi-Stage Centrifugal Pump		
	Pump Series	GPS Series	TPH Series		
	Pump Operation No.	2	2		
Pump	Max. Flow rate	Up to 112.4 m ³ /hr	Up to 28 m³/hr		
	Max. Head	Up to 52 m	Up to 52 m		
	Liquid Type & Temp	Clean Wate	er, ≤ 60 °C		
	Power Source	AC, 380V, 50Hz, 3 Phase	AC, 200 / 380 V, 50 Hz, 1 or 3 Phase		
	Type	Electronic Control Board			
	Operation Model	Alternate and Parallel			
Control Panel	Starting Method	D.O.L (Up to 7.5 kW) or Star-Delta (11 kW)	D.O.L (Direct On-Line)		
Control Panel	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			
Pressure rank	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

TPH Series	
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	Speed	Capacity (m³/hr)		Head	Motor	Main
Model	(r/min)	Alternate	Parallel	(m)	Power (kW)	Discharge (mm)
DTD2D CDC		8.8	17.6	21.5		,
BTP2D GPS 32-50	2900	12.5	25	20	1.5	65
32-30		16.3	32.6	17.8		
BTP2D GPS		9.4	18.8	29.5		
33-50	2900	11.7	23.4	28	2.2	65
33-30		14	28	25		
BTP2D GPS		9.4	18.8	46		
35-50	2900	11.7	23.4	44	3.7	65
33-30		13	26	40		
BTP2D GPS		10	20	52		
37-50	2900	12.5	25	50	5.5	65
37-30		15	30	47		
BTP2D GPS		16	32	20		80
33-65	2900	22.3	44.6	18	2.2	
33-03		29	58	14		
BTP2D GPS	2900	20	40	34	3.7	80
35-65		25	50	32		
33-03		30	60	28		
BTP2D GPS		17.4	34.8	40.5	5.5	80
37-65	2900	21.7	43.4	38		
37-03		26	52	34		
BTP2D GPS	2900	20	40	51.5		80
310-65		25	50	50	7.5	
310-03		30	60	47		
BTP2D GPS		34.6	69.2	26	5.5	100
37-80	2900	43.4	86.8	24		
37-80		52	104	21		
BTP2D GPS		32	64	38	7.5	
310-80	2900	40	80	36		100
310-00		48	96	33		
BTP2D GPS		37.4	74.8	46.5	11	100
315-80	2900	46.8	93.6	44		
313-00		56.2	112.4	41		

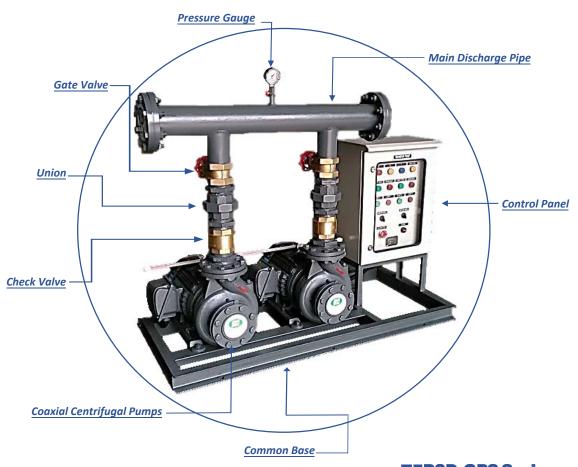
^{*}Other pump models are available upon request.

Model Speed (r/min) Capacity (m³/hr) Head (m) Motor Power (w) Main Power (w) BTP2D TPH 4T-4K 2900 44 88 28 1010 50 BTP2D TPH 4T-5K 2900 4 8 16 15 1010 50 BTP2D TPH 4T-5K 2900 4 8 37 1300 50 50 BTP2D TPH 4T-6K 2900 4 8 37 1300 50 50 BTP2D TPH 4T-6K 2900 4 8 45 1640 50	TPH Serie						PH Series
Model (r/min) Alternate Parallel (m) Power Common		Sneed	Capacity (m³/hr)		Head	Motor	Main
BTP2D TPH 4T-4K 2900 A	Model		Altornato	Parallol			
## BTP2D TPH AT-4K ## BTP2D TPH AT-5K ## BTP2D TPH AT-6K ## BTP2D		(.,,				(W)	(mm)
## AT-4K 2900 6							
BTP2D TPH 4T-5K 2900		2900				1010	50
BTP2D TPH 4T-5K 2900	4T-4K						
BTP2D TPH 4T-5K 2900							
## AT-5K 2900 6							
BTP2D TPH 4T-6K BTP2D TPH 4T-6K 2900 BTP2D TPH 4T-6K 2900 BTP2D TPH 8T-4K BTP2D TPH 8T-5K BTP2D TPH 8T-5K BTP2D TPH 8T-5K BTP2D TPH 8T-5K BTP2D TPH 8T-6K 2900 BTP2D TPH 8T-6K 2900 BTP2D TPH 8T-5K 2900 BTP2D TPH 8T-5K 2900 BTP2D TPH 8T-5K 2900 BTP2D TPH 8T-6K 2900 BTP2D TPH 8T-6K 2900 BTP2D TPH 12T-4K 2900 BTP2D TPH 12T-4K BTP2D TPH 12T-5K BTP2D TPH 12T-6K BTP		2900			_	1300	50
BTP2D TPH 2900	41-5K						
## BTP2D TPH AT-6K ## BTP2D TPH AT-6K ## BTP2D TPH BTP2D TPH 12T-5K ## BTP2D TPH 12T-5K ## BTP2D TPH 12T-5K ## BTP2D TPH 12T-6K ## BTP2D TPH 12T-6				_			
## AT-6K 2900 6							
BTP2D TPH 8T-4K BTP2D TPH 8T-4K BTP2D TPH 8T-5K BTP2D TPH 8T-5K BTP2D TPH 8T-5K BTP2D TPH 8T-6K BTP2D TPH 8T-6K BTP2D TPH 8T-6K BTP2D TPH 8T-6K BTP2D TPH 2900 BTP2D TPH 12T-4K BTP2D TPH 12T-5K BTP2D TPH 12T-5K BTP2D TPH 2900 BTP2D TPH 12T-6K BTP2D TPH 2900 BTP2D TPH 290		2900				1640	50
BTP2D TPH 8T-4K 2900 4 8 35 1600 50 BTP2D TPH 8T-5K 2900 4 8 39 2000 50 BTP2D TPH 8T-5K 2900 6 12 37 2000 50 BTP2D TPH 8T-6K 2900 4 8 50 2000 50 BTP2D TPH 8T-6K 2900 6 12 45 2230 50 BTP2D TPH 12T-4K 2900 6 12 45	41-6K						
BTP2D TPH 8T-4K 2900							
8T-4K 2900 8 16 27 1600 50 BTP2D TPH 8T-5K 2900 4 8 39 2000 50 BTP2D TPH 8T-6K 2900 6 12 37 2000 50 BTP2D TPH 8T-6K 2900 4 8 50 50 BTP2D TPH 12T-4K 2900 6 12 45 2230 50 BTP2D TPH 12T-4K 2900 10 20 32 2500 65 BTP2D TPH 12T-5K 2900 10 20 32 2500 65 BTP2D TPH 12T-5K 2900 10 20 40 3050 65 BTP2D TPH 12T-6K 2900 10 20 40 3050 65 BTP2D TPH 12T-6K 2900 10 20 47 3700 65							
BTP2D TPH 8T-5K 2900		2900				1600	50
BTP2D TPH 8T-5K 2900	8T-4K						
BTP2D TPH 8T-5K 2900 6 12 37 2000 50 BTP2D TPH 8T-6K 2900 6 12 45 50 8 16 40 2230 50 BTP2D TPH 8T-6K 2900 6 12 45 8 16 40 10 20 32 2230 50 BTP2D TPH 12T-4K 2900 10 20 32 2500 65 BTP2D TPH 12T-5K 2900 10 20 40 30 30 30 65 BTP2D TPH 12T-5K 2900 10 20 40 30 30 30 65 BTP2D TPH 12T-6K 2900 10 20 40 30 30 30 30 65 BTP2D TPH 12T-6K 2900 10 20 40 30 30 30 30 65							
8T-5K 2900 8 16 33 2000 50 BTP2D TPH 8T-6K 4 8 50 2230 50 BTP2D TPH 12T-4K 2900 6 12 45 2230 50 BTP2D TPH 12T-4K 2900 6 12 35 35 35 35 35 35 35 35 36 35		2900				2000	
BTP2D TPH 8T-6K 2900							50
BTP2D TPH 8T-6K 2900	8T-5K						
BTP2D TPH 8T-6K 2900							
8T-6K 2900 8 16 40 2230 50 BTP2D TPH 12T-4K 2900 6 12 35 33 2500 65 10 20 32 2500 65 12 24 28 24 14 28 24 8 16 43 12T-5K 8 16 43 12 24 37 14 28 32 8 16 49 14 28 32 8 16 49 12T-6K 10 20 47 10 20 47 3700 65 12 24 43				_		2230	50
BTP2D TPH 12T-5K 2900		2900					
BTP2D TPH 12T-4K 2900	8T-6K						
BTP2D TPH 12T-4K 2900			_	_	_		
BTP2D TPH 12T-4K 2900							
12T-4K 2900 10 20 32 2500 65 12 24 28 14 28 24 BTP2D TPH 12T-5K 2900 10 20 40 3050 65 12 24 37 14 28 32 BTP2D TPH 12T-6K 2900 10 20 47 3700 65 BTP2D TPH 12T-6K 2900 10 20 47 3700 65	BTP2D TPH						
BTP2D TPH 12T-5K 2900		2900				2500	65
BTP2D TPH 12T-5K 2900							
BTP2D TPH 12T-5K 2900							
BTP2D TPH 12T-5K 2900 10 20 40 3050 65 12 24 37 14 28 32			_		_		
12T-5K 2900 10 20 40 3050 65 12 24 37 14 28 32 6 12 52 8 16 49 12T-6K 2900 10 20 47 3700 65	BTP2D TPH						
BTP2D TPH 2900 10 20 47 3700 65 12 24 43		2900				3050	65
BTP2D TPH 12T-6K 2900 65 8 16 49 3700 65 12 24 43							
BTP2D TPH 12T-6K 2900 8 16 49 10 20 47 12 24 43 3700 65							
BTP2D TPH 12T-6K 2900 10 20 47 3700 65 12 24 43		2900				3700	
12T-6K 2900 10 20 47 3700 65 12 24 43	BTP2D TPH		8				65
12 24 43							
14 28 38	IZI-UK						
			14	28	38		

^{*}Other pump models are available upon request.



Package Transfer Pump



Features

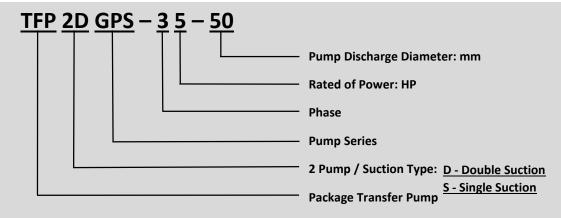
- Integrated with two units of coaxial centrifugal pumps.
- Operated by electronic control broad with alternate and parallel function.
- Water level detectors in both ground and roof tank.
- Three levels detection in ground water tank: Start Low cut off Common.
- Four levels detection in roof water tank: 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

TFP2D GPS Series

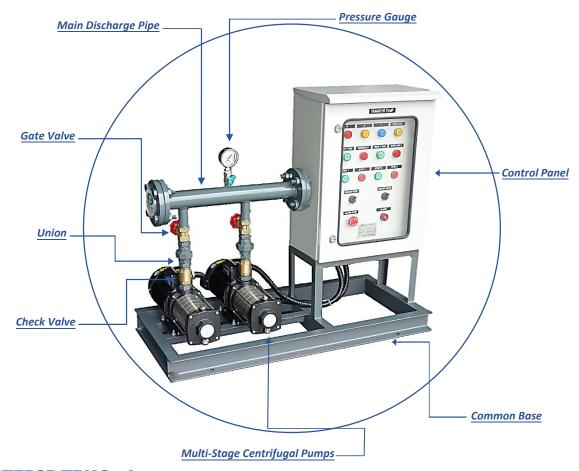
Applications

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

Description (GPS Series)



Package Transfer Pump



TFP2D TPH Series

Features

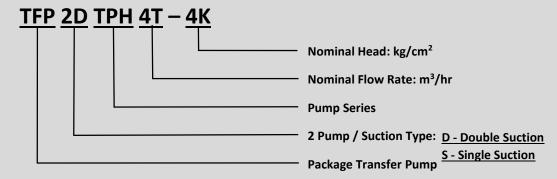
- Integrated with two units of horizontal multi-stage centrifugal
- Pump main working parts made by stainless steel.
- Operated by electronic control broad with alternate and parallel function.
- Water level detectors in both ground and roof tank.
- Three levels detection in ground water tank: Start - 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,
- Hotel, Commercial building, Department store
- Factories, Industrial application
- Hospital, University, School



Description (TPH Series)



Specification

Description		TFP2D GPS Series	TFP2D TPH Series			
	Pump Type	Coaxial Centrifugal Pump	Horizontal Multi-Stage Centrifugal Pump			
	Pump Series	GPS Series	TPH Series			
	Pump Operation No.	2	2			
Pump	Max. Flow rate	Up to 112.4 m³/hr	Up to 28 m³/hr			
	Max. Head	Up to 52 m	Up to 52 m			
	Liquid Type & Temp	Clean Wate	er, ≤ 60 °C			
	Power Source	AC, 380V, 50Hz, 3 Phase	AC, 200 / 380 V, 50 Hz, 1 or 3 Phase			
	Туре	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)			
Control Panel	Level Control	Roof Tank: 4 Levels / Start - Low cut off - Common				
	Level Control	Ground Tank: 3 Levels / Start - Low cut off - Common				
	Operation Key	Push Button & Selector Switch Type				
	Installation Area	Indo	oor			
Accessories		Control Panel, Pressure Gauge, Common Base, Piping & Valves, Electrical Wiring				

Performance Parameters

GPS Series

TPH Series

80.1.1	Speed	Capacity (m³/hr)		Head	Motor	Main
Model	(r/min)	Alternative	Parallel	(m)	Power (kW)	Discharge (mm)
TFP2D GPS		8.8	17.6	21.5		,
	2900	12.5	25	20	1.5	65
32-50		16.3	32.6	17.8		
TEDAD CDC		9.4	18.8	29.5		
TFP2D GPS 33-50	2900	11.7	23.4	28	2.2	65
33-30		14	28	25		
TFP2D GPS		9.4	18.8	46		
35-50	2900	11.7	23.4	44	3.7	65
33-30		13	26	40		
TFP2D GPS		10	20	52		
37-50	2900	12.5	25	50	5.5	65
37-30		15	30	47		
TEDAD CDC		9.4	18.8	72		
TFP2D GPS	2900	11.7	23.4	70	7.5	65
310-50		13	26	66		
		16	32	20		
TFP2D GPS	2900	22.3	44.6	18	2.2	80
33-65		29	58	14		
		20	40	34		80
TFP2D GPS	2900	25	50	32	3.7	
35-65	2500	30	60	28		
		17.4	34.8	40.5	5.5	80
TFP2D GPS	2900	21.7	43.4	38		
37-65	2900	26	52	34		
		20	40	51.5		80
TFP2D GPS	2900	25	50	50	7.5	
310-65	2900	30	60	47	7.5	
		18.4	36.8	72	11	80
TFP2D GPS	2900	23	46	70		
315-65	2900	27.6	55.2	66.5	11	
		34.6	69.2	26		
TFP2D GPS	2900	43.4	86.8	24	5.5	100
37-80	2300	52	104	21	5.5	100
		32	64	38		
TFP2D GPS	2900	40	80	36	7.5	100
310-80	2900	48	96	33		
		_				
TFP2D GPS	2000	37.4	74.8	46.5	11	100
315-80	2900	46.8	93.6	44	11	100
		56.2	112.4	41	15	100
TFP2D GPS 320-80	2900	34.6	69.2	64		
		43.3	86.6	60		
		52	104	57		
TFP2D GPS		37	74	73.5		
325-80	2900	46.8	93.6	70	18.5	100
		56	112	65		

Model	Speed (r/min)	Capacity (m³/hr)		Head	Motor Main	
		Alternate	Parallel	(m)	Power (W)	Discharge (mm)
		2	4	33	(,	(,
TFP2D TPH	2000	4	8	28	4040	
4T-4K	2900	6	12	23	1010	50
		8	16	15		
		2	4	42		
TFP2D TPH	2000	4	8	37	4200	50
4T-5K	2900	6	12	29	1300	50
		8	16	20		
		2	4	52		
TFP2D TPH	2000	4	8	45	4640	50
4T-6K	2900	6	12	36	1640	50
		8	16	24		
		4	8	35		50
TFP2D TPH	2000	6	12	32	1000	
8T-4K	2900	8	16	27	1600	
		10	20	20		
	2900	4	8	39	2000	50
TFP2D TPH		6	12	37		
8T-5K		8	16	33		
		10	20	27		
		4	8	50		50
TFP2D TPH	2900	6	12	45	2230	
8T-6K	2900	8	16	40	2230	
		10	20	32		
		6	12	35	2500	65
TFP2D TPH		8	16	33		
12T-4K	2900	10	20	32		
121-4K		12	24	28		
		14	28	24		
		6	12	45		
TFP2D TPH		8	16	43		
12T-5K	2900	10	20	40	3050	65
		12	24	37		
		14	28	32		
		6	12	52	3700	65
TFP2D TPH		8	16	49		
12T-6K	2900	10	20	47		
121-0K		12	24	43		
		14	28	38		

 $[\]ensuremath{^{*}\text{Other}}$ pump models are available upon request.

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