

# PUMP PACK CATALOGUE



**JOHNTECH**  
*PUMPS*



# 3" Water Pack

3" Water Pack

## Application

- Pumping Clean water with sand content less than 150g/m<sup>3</sup>.
- For well pumping, river pumping, farm irrigation, water supply.

## Operating Conditions

- Submersible Depth: 100m
- Liquid temperature up to + 40 Degree
- Ambient temperature up to + 40 Degree
- Minimum well diameter: 3.5"

## Material

- Pump Body: Stainless steel
- Motor Bracket: Stainless Steel
- Pump Shaft & motor shaft: Stainless steel.
- Mechanical Seal: Graphite-Silicon carbide.
- Impeller: POM
- Coupling and outlet: Brass

## Motor and Pump

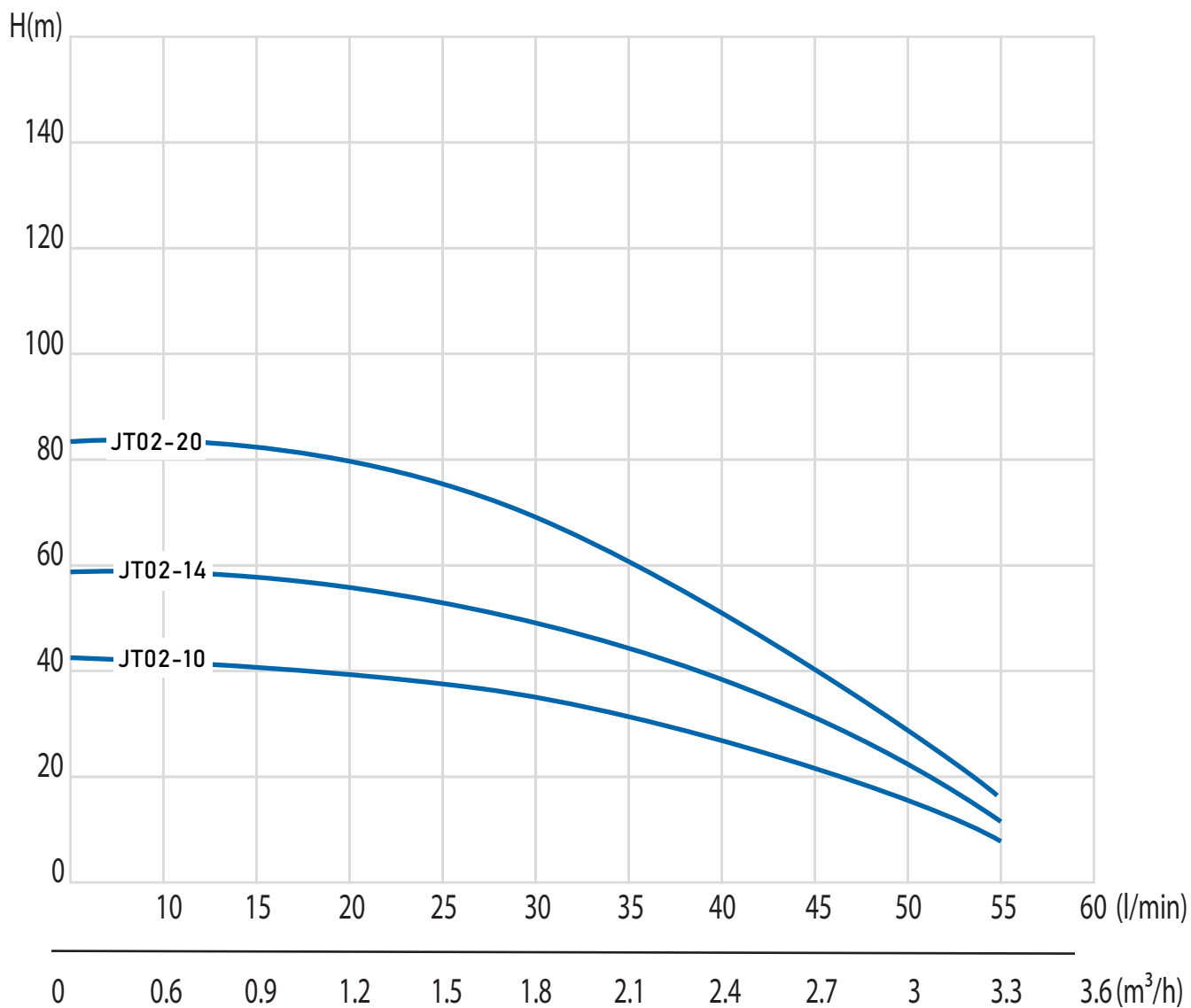
- 2 pole induction motor
- Single-phase: 220V 50Hz
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8
- Outlet diameter: 1"



**Includes: Pump, Motor, Control Box, Cable, Safety Rope, Baseplate and 3x Compression Fittings**

MODEL	PUMP	KW	ROPE (M)	CABLE (M)	M <sup>3</sup> /H	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3
		230V				L/MIN	0	5	10	15	20	25	30	35	40	45
WATER PACK 1	JT 02-10	0.25	40	50	HEAD (M)	42	41	41	39	37	34	30	26	21	15	9
WATER PACK 2	JT 4-02-11	0.37	50	60		59	57	57	55	52	48	42	36	29	20	13
WATER PACK 3	JT 4-02-14	0.55	60	70		84	82	81	78	74	68	60	52	41	29	18

# Performance Curves



3" Water Pack



# 4" Water Pack

4" Water Pack

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## Motor and Pump

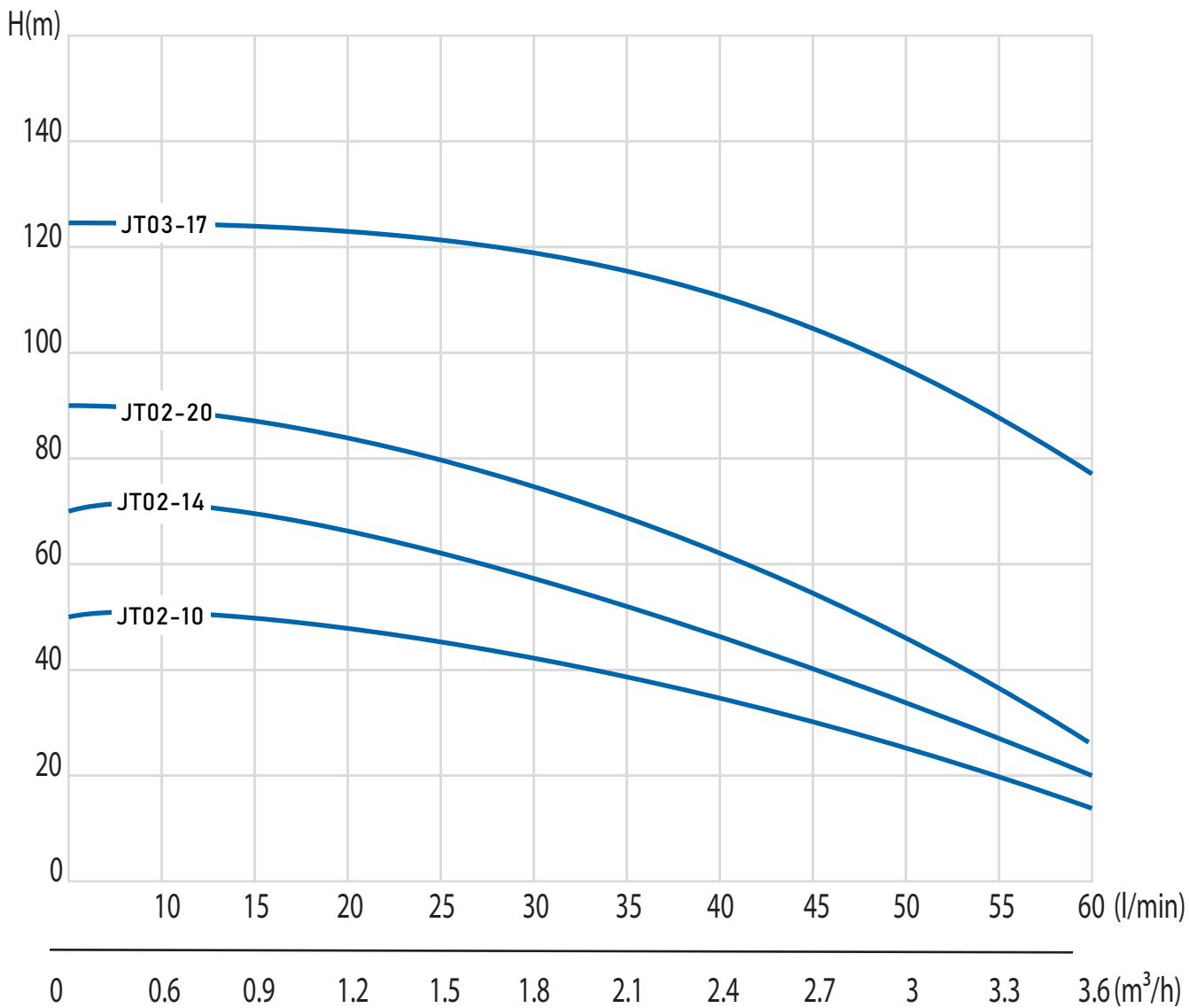
- 2 pole induction motor
- Single-phase: 220V 50Hz
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8
- Outlet diameter: 1"



**Includes: Pump, Motor, Control Box, Cable, Safety Rope, Baseplate and 3x Compression Fittings**

MODEL	PUMP	KW	ROPE (M)	CABLE (M)	M <sup>3</sup> /H	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
		230V				L/MIN	0	10	20	30	40	50	60	70
JOHN TECH PACK 1	JT 4-02-08	0.37	50	50	HEAD (M)	51	47	45	42	36	26	15		
JOHN TECH PACK 2	JT 4-02-11	0.55	60	60		70	65	62	57	49	36	20		
JOHN TECH PACK 3	JT 4-02-14	0.75	70	70		90	83	79	72	62	45	26		
JOHN TECH PACK 4	JT 4-03-17	1.1	80	80		129	127	124	119	109	95	77	56	32

# Performance Curves





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