

Technical data

flow: up to 120 m³/h
 head: up to 42 m
 free passage up to 15 mm
 medium temperature: max. 40°C
 voltage: 3 x 400 V, 50 Hz

Application

Pumping of clear and lightly polluted water without fibrous contents. For stationary or mobile operation
 Safe, continuous operation up to 40°C with fully submerged pump.

Main application

De-watering pumps are multi purpose units and can be used for various watering and de-watering purposes.

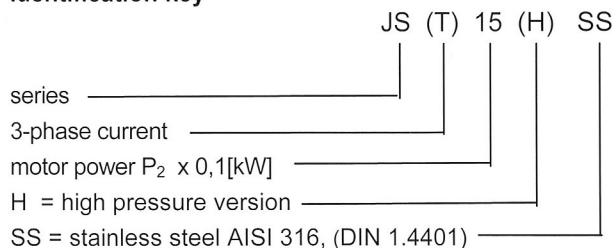
Extent of delivery

Including 10m electrical cable
 JST 08 bis JST 37 with hore nozzle connection,
 JST 55 und JST 75 with flange connection.

Accessories

Storz couplings with double nipple, none-return valves, hoses, motor protection switch with/without automatic float switch and control units.

Identification key



Pump

single stage, submersible block unit with open impeller, pressure connection and sieved foot. The motor is cooled by the surrounding medium.

Motor

3-phase-motor with integrated overload protection.
 400 V (3-phase), 50 Hz, IP 68, insulation: class E.

Sealing

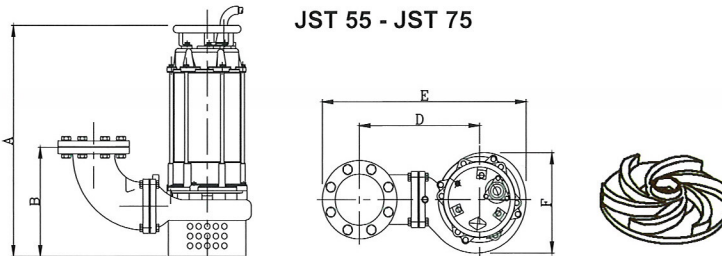
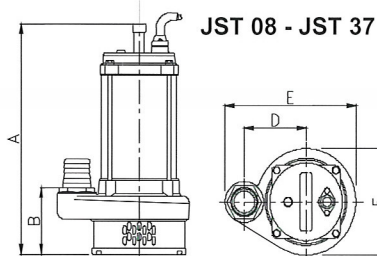
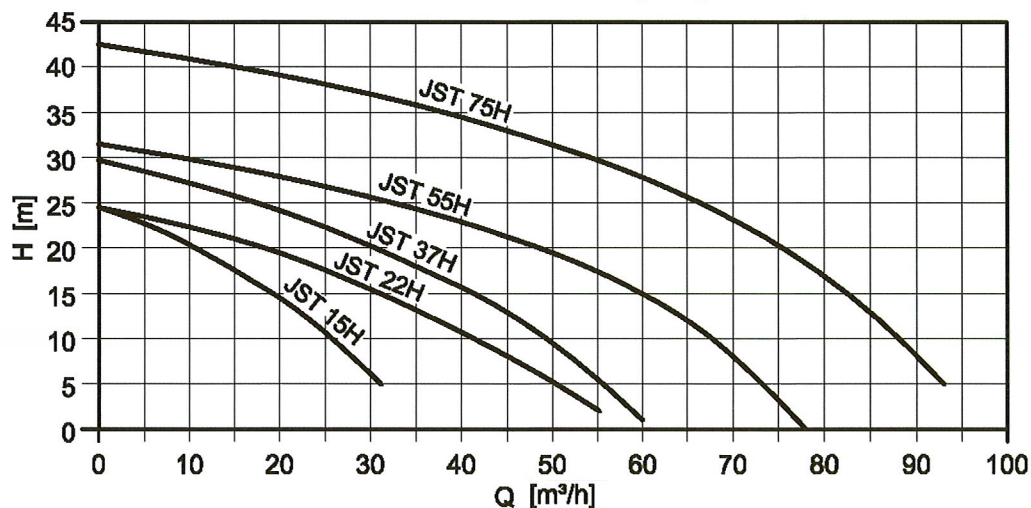
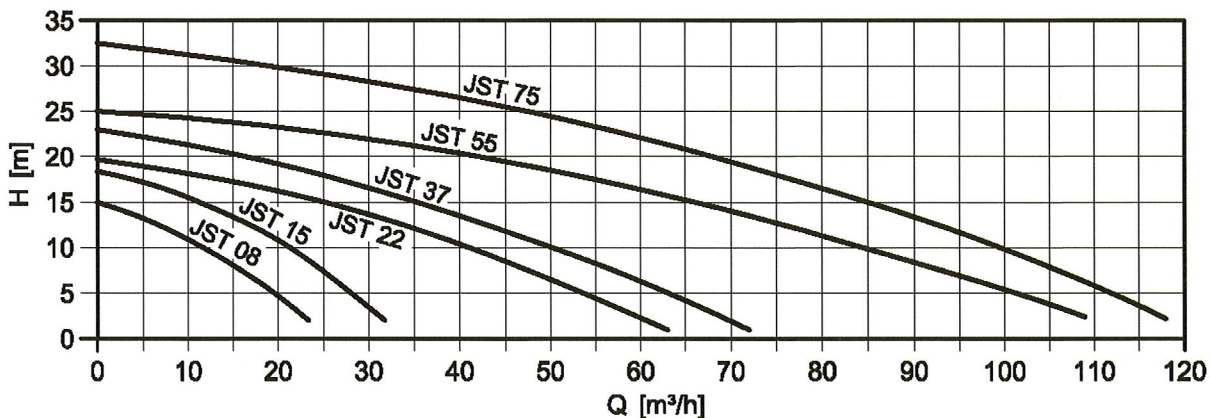
Triple sealing system. motor: slip ring seal carbon/ceramics, pump: slip ring seal SIC/SIC and shaft seal ring Nitrile, with intervening oil retention chamber

Material

| component | material | |
|------------------|------------------------|------------------------|
| | JST / JST H | JST-SS / JST-H SS |
| motor housing | stainless steel 1.4301 | stainless steel 1.4401 |
| motor head | cast iron EN GJL 250 | stainless steel 1.4401 |
| pump housing | cast iron EN GJL 250 | stainless steel 1.4401 |
| impeller | cast iron EN GJL 250 | stainless steel 1.4401 |
| screen | stainless steel 1.4301 | stainless steel 1.4401 |
| transport handle | stainless steel 1.4301 | stainless steel 1.4401 |

Specification

| type | motor output P ₂ [kW] | rated current [A] | 3 x 400 V, 50 Hz | | | | | | |
|---------------|----------------------------------|-------------------|------------------|------|------|-----|-----|-----|---|
| | | | Q | H | Q | H | Q | H | Q |
| JST 08 (SS) | 0,75 | 2,0 | 0 | 7 | 12 | 16 | 20 | 24 | |
| | | | 15 | 12,5 | 10 | 7,5 | 5 | 2 | |
| JST 15 (SS) | 1,5 | 3,4 | 0 | 5 | 10 | 20 | 25 | 32 | |
| | | | 18 | 17,5 | 15,5 | 11 | 7,5 | 2 | |
| JST 15 H (SS) | 1,5 | 3,4 | 0 | 5 | 10 | 15 | 25 | 31 | |
| | | | 24,5 | 23 | 20 | 17 | 11 | 5 | |
| JST 22 (SS) | 2,2 | 5,0 | 0 | 10 | 25 | 40 | 50 | 63 | |
| | | | 20 | 18 | 15 | 10 | 7 | 1 | |
| JST 22 H (SS) | 2,5 | 5,0 | 0 | 20 | 30 | 40 | 45 | 55 | |
| | | | 24,5 | 19 | 16 | 11 | 8 | 2 | |
| JST 37 (SS) | 3,7 | 7,5 | 0 | 20 | 35 | 45 | 60 | 73 | |
| | | | 23 | 19 | 15 | 12 | 7 | 1 | |
| JST 37 H (SS) | 3,7 | 7,5 | 0 | 17 | 30 | 40 | 50 | 60 | |
| | | | 30 | 25 | 20 | 16 | 10 | 1 | |
| JST 55 (SS) | 5,5 | 11,0 | 0 | 40 | 65 | 80 | 100 | 110 | |
| | | | 25 | 20 | 15 | 12 | 5 | 2 | |
| JST 55 H (SS) | 5,5 | 11,0 | 0 | 30 | 40 | 50 | 60 | 75 | |
| | | | 32 | 26 | 23 | 19 | 15 | 3 | |
| JST 75 (SS) | 7,5 | 16,0 | 0 | 25 | 50 | 80 | 100 | 120 | |
| | | | 32 | 29 | 24 | 17 | 10 | 2 | |
| JST 75 H (SS) | 7,5 | 16,0 | 0 | 20 | 40 | 60 | 80 | 93 | |
| | | | 42 | 39 | 35 | 28 | 17 | 5 | |



| type | motor output | | voltage 50 Hz | rated current [A] | H _{max} [m] | Q _{max} [m³/h] | siev ø [mm] | outlet R | size | | | | | weight [kg] |
|---------------|---------------------|---------------------|------------------|----------------------|-------------------------|----------------------------|----------------|-------------|--------|--------|--------|--------|--------|----------------|
| | P ₁ [kW] | P ₂ [kW] | | | | | | | A [mm] | B [mm] | D [mm] | E [mm] | F [mm] | |
| JST 08 (SS) | 1,2 | 0,75 | 400 V ~ 3 ph | 2,0 | 15 | 24 | 8 | 2" | 421 | 106 | 132 | 255 | 193 | 21,0 |
| JST 15 (SS) | 2,2 | 1,5 | 400 V ~ 3 ph | 3,4 | 18 | 32 | 12 | 3" | 447 | 106 | 132 | 285 | 190 | 26,0 |
| JST 15 H (SS) | 2,2 | 1,5 | 400 V ~ 3 ph | 3,4 | 24,5 | 31 | 12 | 2" | 447 | 106 | 132 | 285 | 190 | 26,0 |
| JST 22 (SS) | 3,5 | 2,2 | 400 V ~ 3 ph | 5,0 | 20 | 63 | 12 | 3" | 503 | 170 | 150 | 313 | 223 | 39,0 |
| JST 22 H (SS) | 3,5 | 2,5 | 400 V ~ 3 ph | 5,0 | 24,5 | 55 | 12 | 2" | 503 | 170 | 150 | 313 | 223 | 39,0 |
| JST 37 (SS) | 5,0 | 3,7 | 400 V ~ 3 ph | 7,5 | 23 | 73 | 15 | 3" | 518 | 170 | 150 | 325 | 223 | 45,0 |
| JST 37 H (SS) | 5,0 | 3,7 | 400 V ~ 3 ph | 7,5 | 30 | 60 | 15 | 2" | 518 | 170 | 150 | 325 | 223 | 45,0 |
| JST 55 (SS) | 7,5 | 5,5 | 400 V ~ 3 ph | 11,0 | 25 | 110 | 15 | 4" | 651 | 242 | 200 | 580 | 270 | 65,0 |
| JST 55 H (SS) | 7,5 | 5,5 | 400 V ~ 3 ph | 11,0 | 32 | 75 | 15 | 3" | 651 | 242 | 200 | 580 | 270 | 65,0 |
| JST 75 (SS) | 12,0 | 7,5 | 400 V ~ 3 ph | 16,0 | 32 | 118 | 15 | 4" | 704 | 242 | 200 | 655 | 270 | 75,0 |
| JST 75 H (SS) | 12,0 | 7,5 | 400 V ~ 3 ph | 16,0 | 42 | 93 | 15 | 3" | 704 | 242 | 200 | 655 | 270 | 75,0 |



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