

Bomba sumergible para lodo, montada con motor de 4 polos (1450 rpm) para una larga vida útil. Rodete de aleación alta en cromo, combinado con un agitador de servicio pesado.

Diseño angosto con descarga superior.

Ideal para agua mezclada con bentonita en trabajos de excavación o agua barrosa en trabajos de ingeniería civil.



## Especificaciones

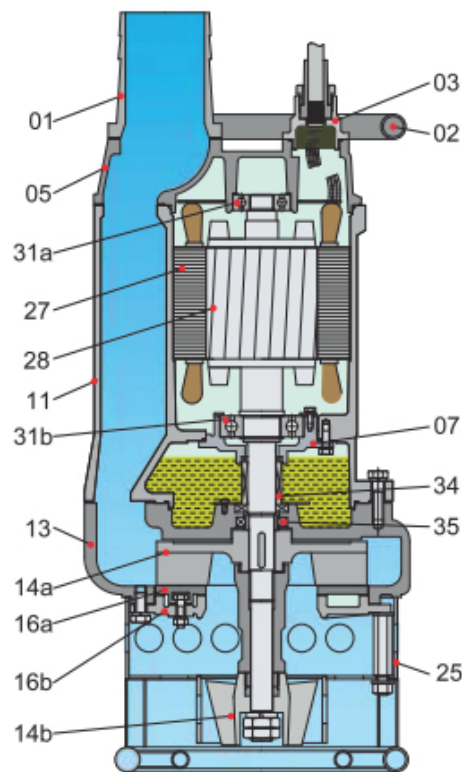
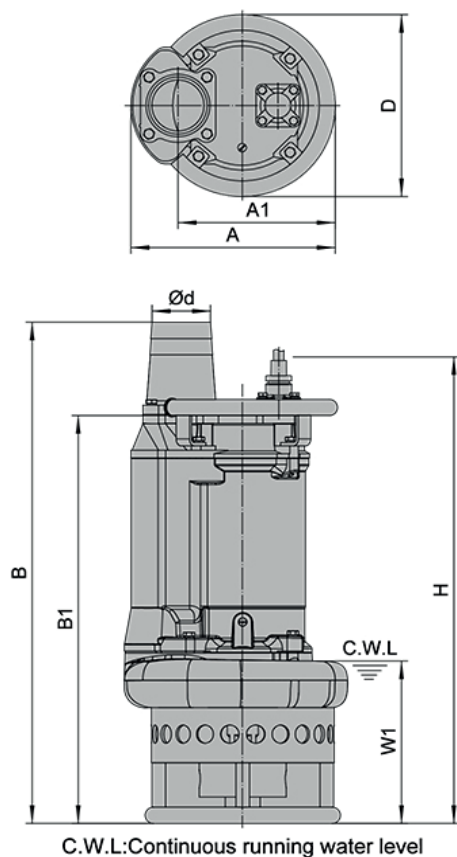
- Caudal: hasta 372 m<sup>3</sup>/h
- Descarga: 80mm (3") hasta 200mm (8")
- Potencia: 4 kW (5.5 HP) a 22 kW (30 HP)
- Alimentación: trifásico 380 V  $\pm$ 10%, 50Hz
- Aislación: clase F
- Cable: largo 8m
- Temperatura del agua: hasta 40°C
- Sumergencia máxima: 15m

## Aplicaciones

- Obras civiles
- Minas, canteras, minerales, slurries
- Riles, plantas de tratamientos
- Trabajos de bombeo en general
- Fluidos con contenido de lodo y bentonita

## Ejecuciones especiales

- Otros voltajes



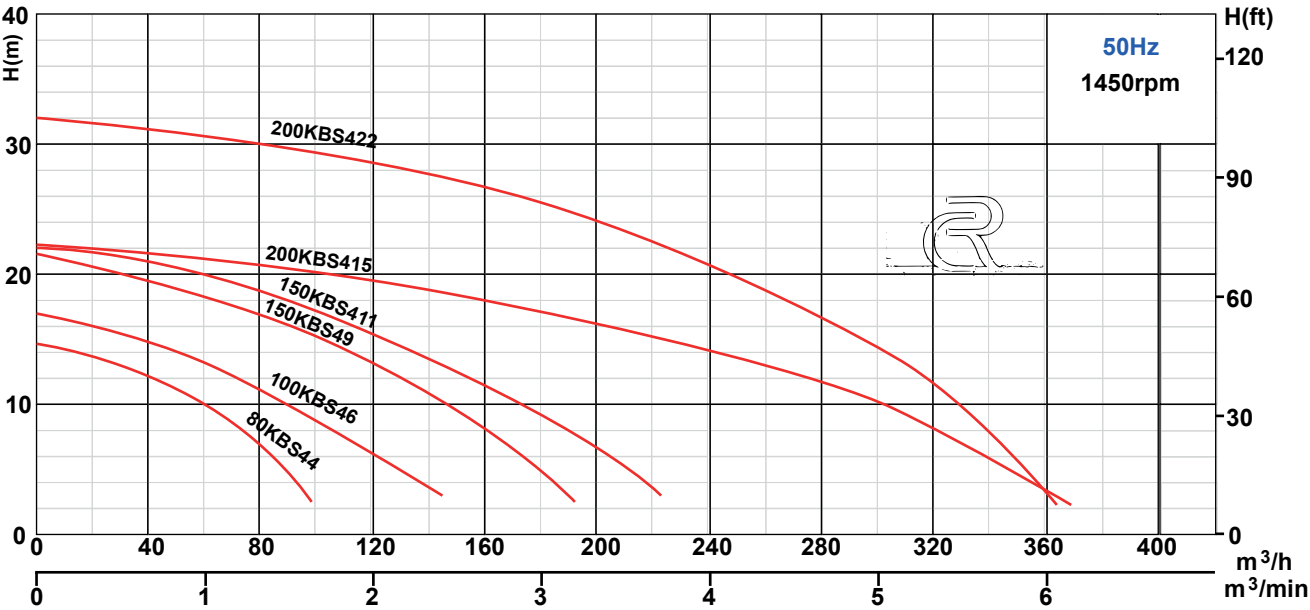
| Item No. | Part name     | Material          | Item No. | Part name       | Material                                   |
|----------|---------------|-------------------|----------|-----------------|--------------------------------------------|
| 01       | Hose coupling | Cast Iron         | 25       | Strainer        | Seel                                       |
| 02       | Handle        | Steel             | 27       | Stator          |                                            |
| 05       | Upper cover   | Cast Iron         | 28       | Rotor           | Shaft:AISI420SS                            |
| 07       | Bearing house | Cast Iron         | 31a      | Bearing         | Ball bearing                               |
| 11       | Motor body    | Cast Iron         | 31b      | Bearing         | Ball bearing                               |
| 13       | Pump body     | Cast Iron         | 34       | Mechanical seal | Sic-Sic/Sic-Sic<br>Tc-Sic/Sic-Sic (> 15kW) |
| 14a      | Impeller      | High chrome alloy | 35       | Oil seal        |                                            |
| 14b      | Agitator      | High chrome alloy | 47       | Cable           |                                            |
| 16a      | Inlet plate   | High chrome alloy |          |                 |                                            |
| 16b      | Inlet plate   | Cast Iron         |          |                 |                                            |

| Modelo    | d<br>mm | A<br>mm | A1<br>mm | B<br>mm | B1<br>mm | D<br>mm | H<br>mm | W1<br>mm | N.W<br>Kg | G.W<br>Kg | Packing dimension<br>mm |
|-----------|---------|---------|----------|---------|----------|---------|---------|----------|-----------|-----------|-------------------------|
| 80KBS44   | 80      | 350     | 260      | 816     | 678      | 326     | 730     | 250      | 108.5     | 119       | 855x385x395             |
| 100KBS46  | 100     | 415     | 305      | 844     | 682      | 373     | 768     | 250      | 141       | 151       | 880x450x455             |
| 150KBS49  | 150     | 434     | 324      | 889     | 727      | 407     | 813     | 250      | 171       | 183       | 940x470x475             |
| 150KBS411 | 150     | 434     | 324      | 926     | 764      | 407     | 850     | 250      | 197       | 210       | 980x465x465             |
| 200KBS415 | 200     | 484     | 352      | 1121    | 889      | 457     | 1025    | 295      | 260       | 278       | 670x500x1275            |
| 200KBS422 | 200     | 578     | 442      | 1245    | 1015     | 528     | 1200    | 330      | 408       | 434       | 740x570x1450            |

W1: Nivel del agua para uso continuo

Curvas de operación

50 Hz    n~ 1450 rpm



| Modelo    | Descarga | Potencia Motor |     | Partida     | Corriente | Caudal Nominal |        | H elev. Nominal | Caudal Máximo |        | H elev. Máxima | Paso Libre |
|-----------|----------|----------------|-----|-------------|-----------|----------------|--------|-----------------|---------------|--------|----------------|------------|
|           | mm       | kW             | HP  |             | A         | m³/h           | m³/min | m               | m³/h          | m³/min | m              | mm         |
| 80KBS44   | 80       | 4              | 5.5 | D.O.L       | 10.2      | 60             | 1.0    | 10              | 99            | 1.65   | 14.8           | 30         |
| 100KBS46  | 100      | 6              | 8   | D.O.L       | 13.8      | 90             | 1.50   | 10              | 144           | 2.40   | 16.9           | 30         |
| 150KBS49  | 150      | 9              | 12  | D.O.L       | 19.5      | 100            | 1.67   | 15              | 192           | 3.20   | 21.5           | 30         |
| 150KBS411 | 150      | 11             | 15  | D.O.L       | 22        | 120            | 2.0    | 15              | 234           | 3.90   | 23             | 30         |
| 200KBS415 | 200      | 15             | 20  | Start-Delta | 30.1      | 200            | 3.33   | 16              | 372           | 6.20   | 22             | 30         |
| 200KBS422 | 200      | 22             | 30  | Start-Delta | 42        | 200            | 3.33   | 24              | 360           | 6      | 32             | 30         |