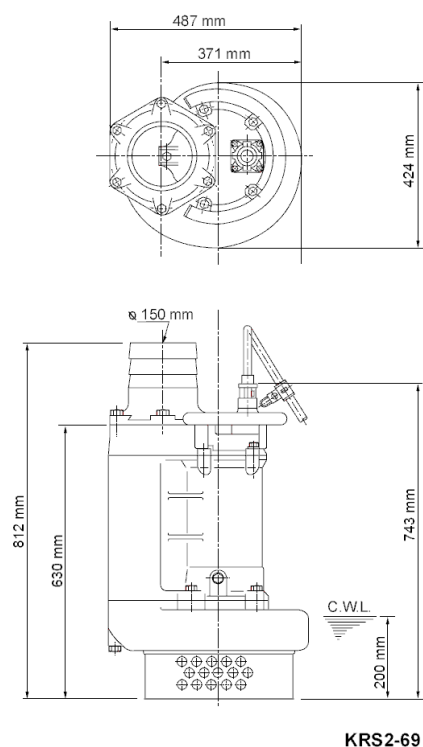
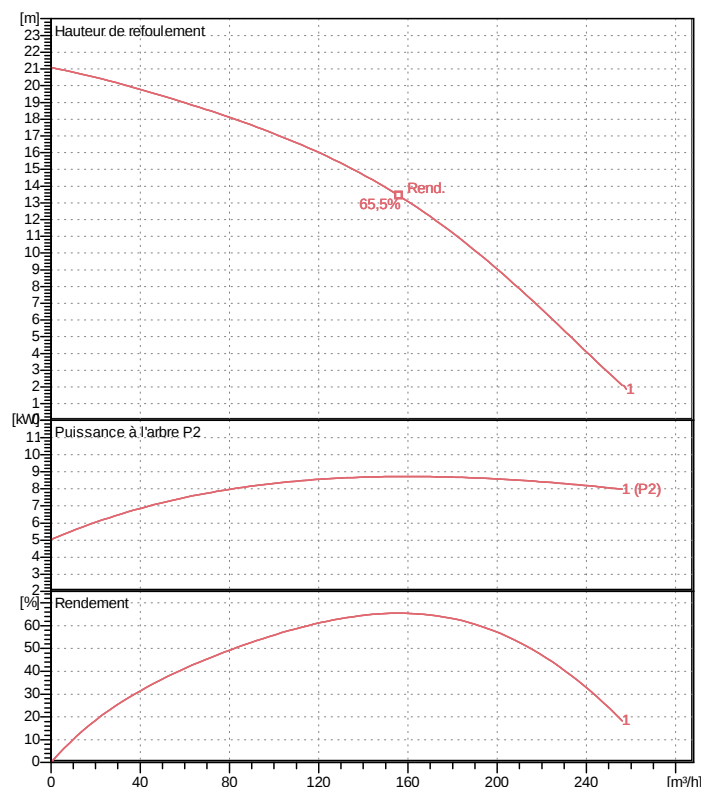


## Feuille de données KRS2-69



CWL: Continuous running water level



## Specification

Electric submersible pump  
 Indice de protection IP 68  
 Depth of submersion max. 15 m  
 Type of impeller Semi-ouvert  
 Max. solid handling 20 mm  
 Suitable for:  
 rain water, ground water, sand water

## Electric motor

Dry-type submersible induction motor  
 Classe d'isolation B 4Pôles 1440 1/min  
 Mode de démarrage Direct  
 Tension nominale 400 V 50 Hz 3~  
 Absorption de puissance 10,90 kW  
 Puissance nominale 9,00 kW  
 Intensité nominale 19 A  
 Start current 130,0 A

## Cable

20m NSSHÖU 4Cx4mm²

## Motor Protection

Circle thermal protector  
 (snap-action bi-metal device)

## Garniture d'arbre

Double inside mechanical seal in oil bath  
 additional lubrication by oil lifting device

Primary seal

Silicon carbide on silicon carbide

Secondary seal

Silicon carbide on silicon carbide

## Bearings

Shielded ball bearings, maintenance-free

## Materials

|               |                       |
|---------------|-----------------------|
| Roue          | FCD700 (EN-GJS-700-2) |
| Pompe boîte   | FC200 (EN-GJL-200)    |
| Suction cover | FC200 (EN-GJL-200)    |
| Motor Frame   | FC150 (EN-GJL-150)    |
| Shaft         | SUS420J2 (EN-X30Cr13) |

## Bride de refoulement

6" (150mm) hose coupling

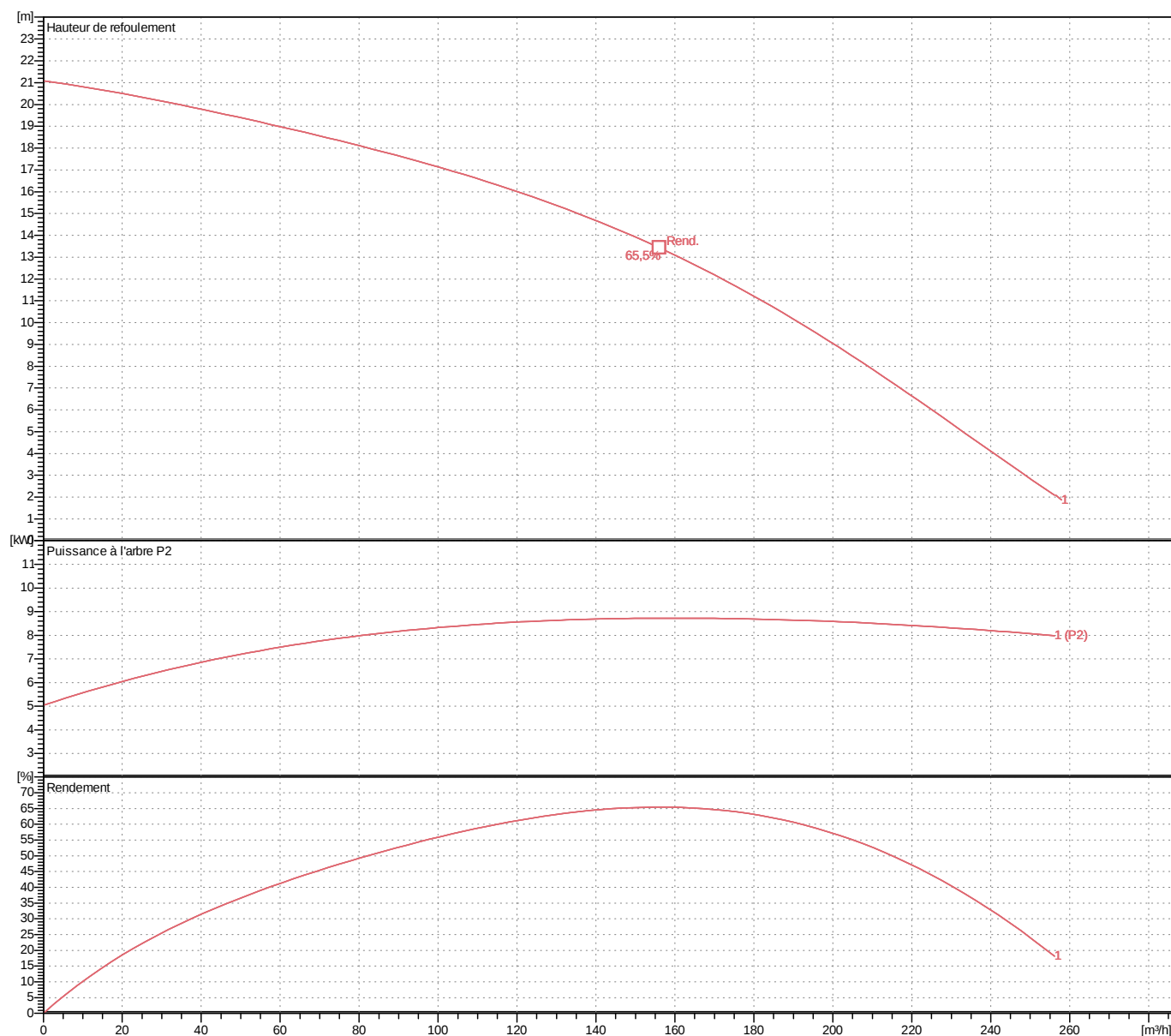
## Weight

155 kg (dry weight of the pump only without cable)

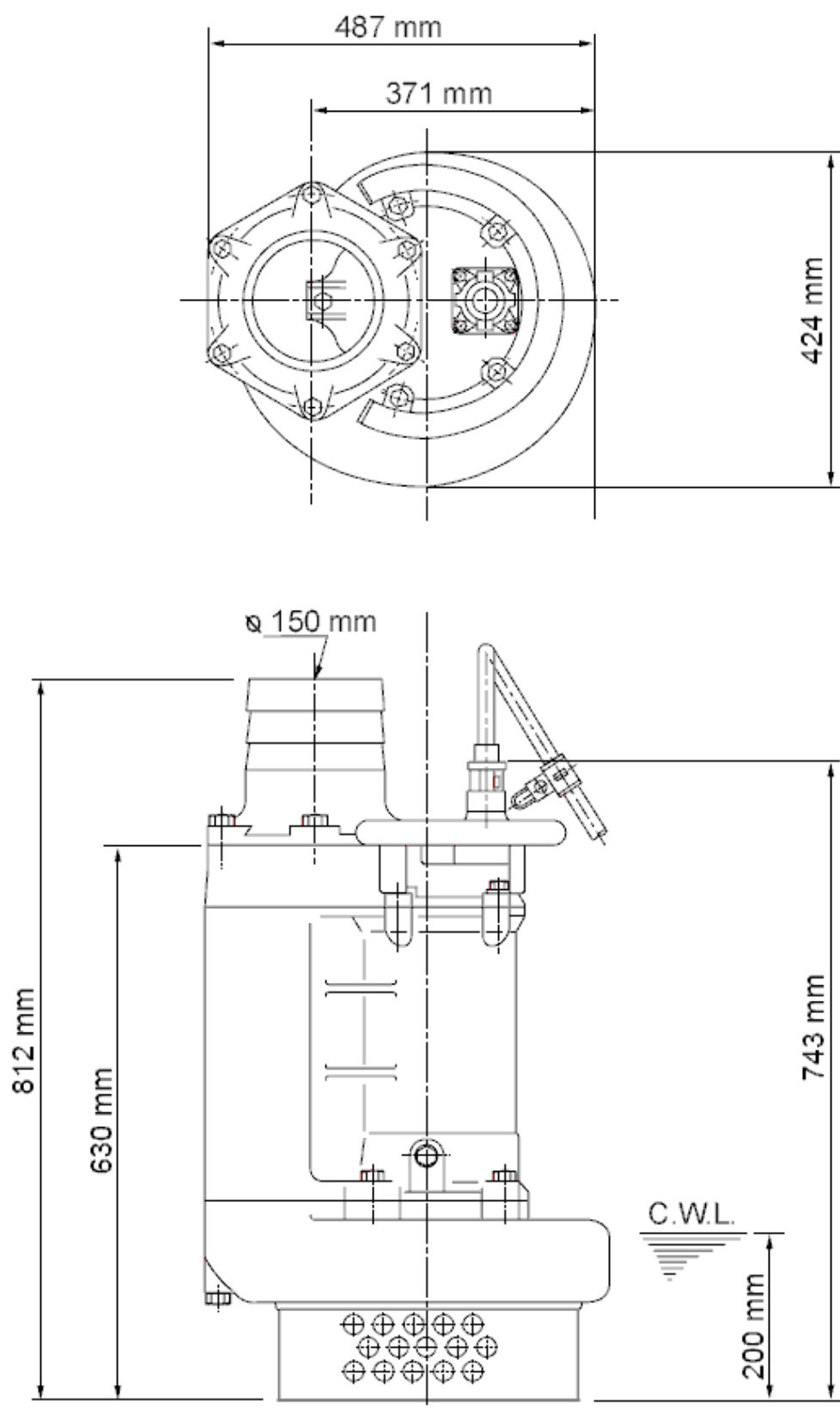
## courbe de puissance

### KRS2-69

|                        |            |
|------------------------|------------|
| Refoulement            | 6"         |
| Hauteur de refoulement | 21,1 m     |
| Débit                  | 256,1 m³/h |
| Puissance nominale     | 9,00 kW    |
| Puissance absorbée     | 10,90 kW   |
| Phases                 | 3~         |
| Tensions               | 400 V      |
| Fréquence              | 50 Hz      |
| Intensité nominale     | 19 A       |
| Intensité de démarrage | 129,96 A   |
| Nombre de pôles        | 4          |
| Vitesse                | 1440 1/min |
| Mode de démarrage      | Direct     |
| Classe d'isolation     | B          |



## Dimensions KRS2-69

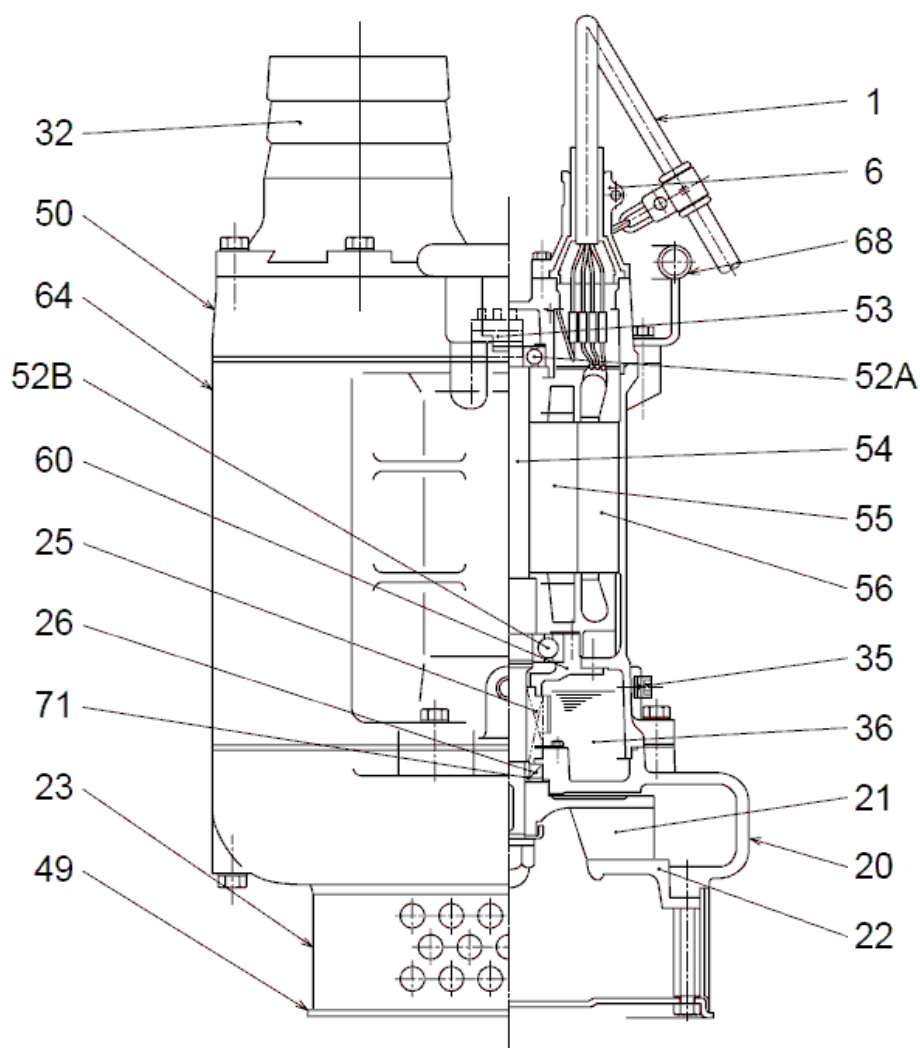


**KRS2-69**

CWL: Continuous running water level  
LWL: Lowest running water level

 **TSURUMI PUMP**

## Sectional drawing KRS2-69



**KRS2-69**

| N°. | Désignation                                          | Remarque                | N°. | Désignation              | Remarque                 |
|-----|------------------------------------------------------|-------------------------|-----|--------------------------|--------------------------|
| 1   | Cable                                                | 20m NSSHÖU              | 54  | Shaft                    | SUS420J2 (EN-X30Cr13)    |
| 6   | Stuffing box                                         | FC200 (EN-GJL-200)      | 55  | Rotor                    | .                        |
| 20  | Pompe boîte                                          | FC200 (EN-GJL-200)      | 56  | Stator                   | .                        |
| 21  | Roue                                                 | FCD700 (EN-GJS-700-2)   | 60  | Bearing Housing          | FC150 (EN-GJL-150)       |
| 22  | Suction cover                                        | FC200 (EN-GJL-200)      | 64  | Motor Frame              | FC150 (EN-GJL-150)       |
| 23  | Strainer                                             | Steel plate             | 68  | Handle                   | electroplated steel pipe |
| 25  | Mechanical seal                                      | H-30T                   | 71  | Manchon protecteur arbre | SUS403 (EN-X6Cr13)       |
| 26  | Oil seal                                             | .                       |     |                          |                          |
| 32  | Discharge coupling                                   | FC200 (EN-GJL-200)      |     |                          |                          |
| 35  | Oil screw                                            | SUS304 (EN-X5CrNi18-10) |     |                          |                          |
| 36  | Lubricant                                            | Turbine oil (ISO VG32)  |     |                          |                          |
| 49  | Bottom Plate                                         | Steel plate SPCC        |     |                          |                          |
| 50  | Main cover                                           | FC150 (EN-GJL-150)      |     |                          |                          |
| 52A | Upper bearing                                        | .                       |     |                          |                          |
| 52B | Lower bearing                                        | .                       |     |                          |                          |
| 53  | Motor Protector 380/400/415V-50Hz KA314-HRXL00 (H.C) |                         |     |                          |                          |