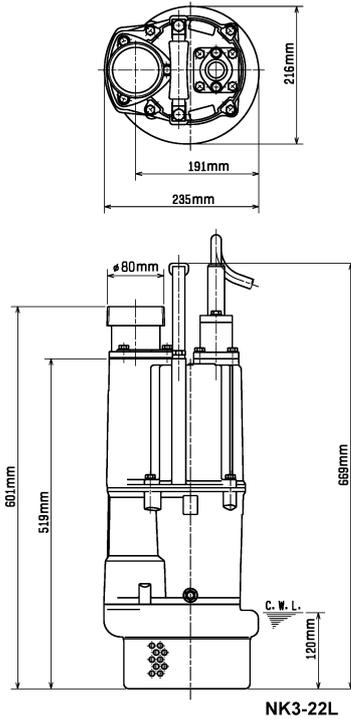
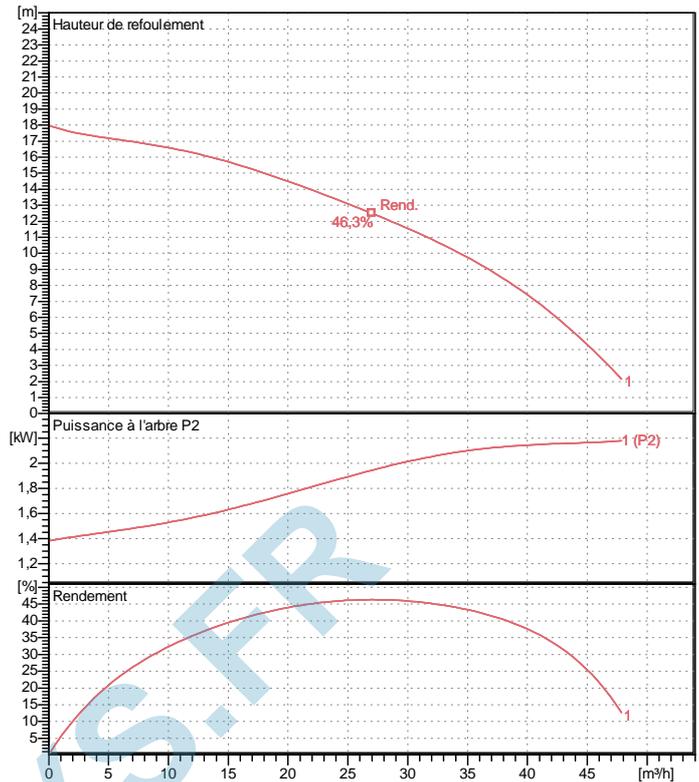


Feuille de données NK3-22L



CWL: Continuous running water level



Specification

Electric submersible pump
 Indice de protection IP 68
 Depth of submersion max. 25 m
 Type of impeller semi-vortex
 Max. solid handling 6 mm
 Suitable for:
 spring-/rain-/font water, water containing sand

Electric motor

Dry-type submersible induction motor
 Classe d'isolation E 2Pôles 2890 1/min
 Mode de démarrage Direct
 Tension nominale 230 V 50 Hz 1~
 Absorption de puissance 2,20 kW
 Puissance nominale 2,20 kW
 Intensité nominale 14,5 A
 Start current 69,0 A

Cable

20m H07RN-F 3Cx2,5mm²

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	Chromium Iron HiCrFC
Pompe boîte	FC200 (EN-GJL-200)
Motor Frame	Aluminium alloy casting
Shaft	SUS420J2 (EN-X30Cr13)

Bride de refoulement

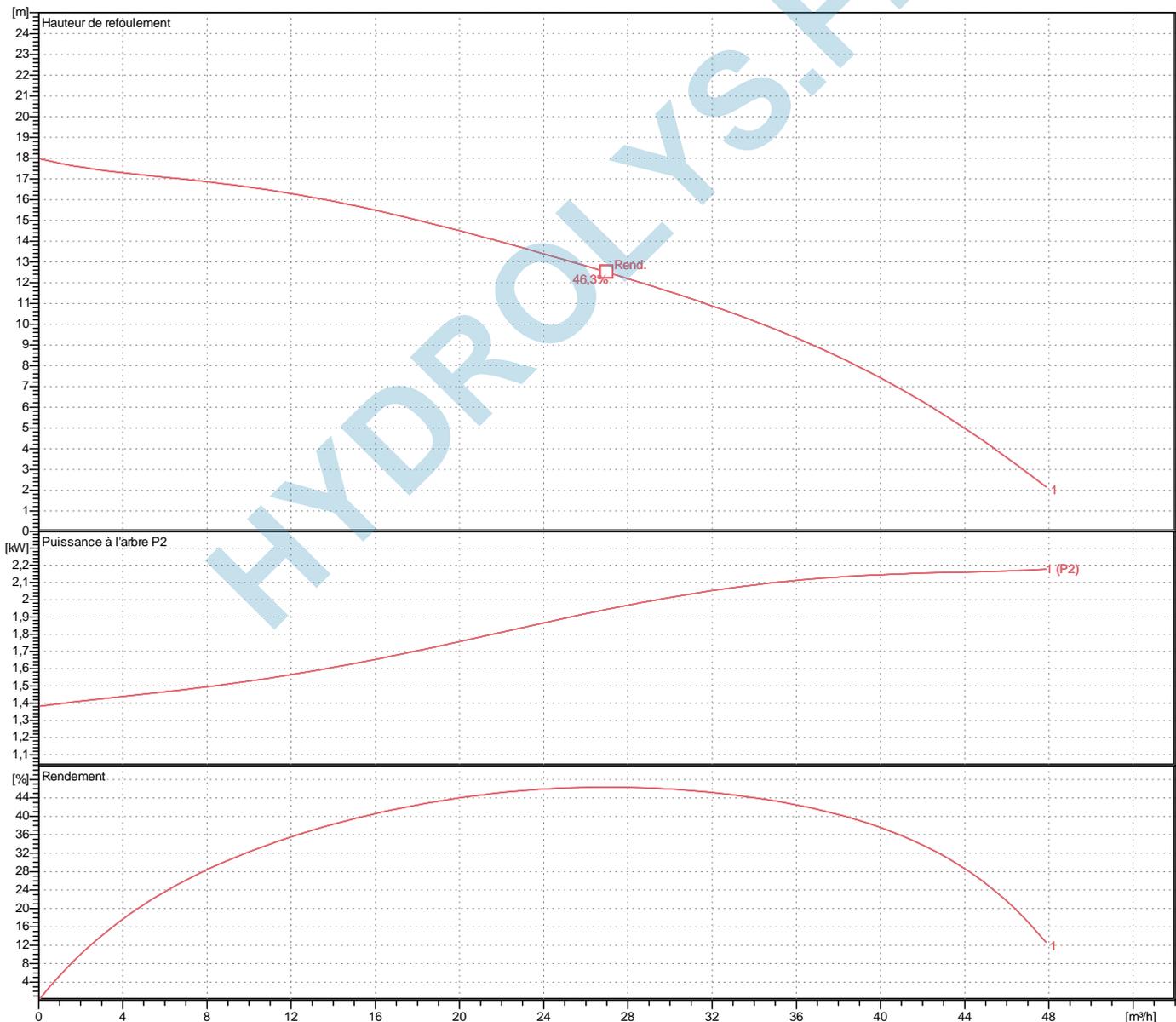
3" (80mm) BS-coupling (threaded flange)

Weight

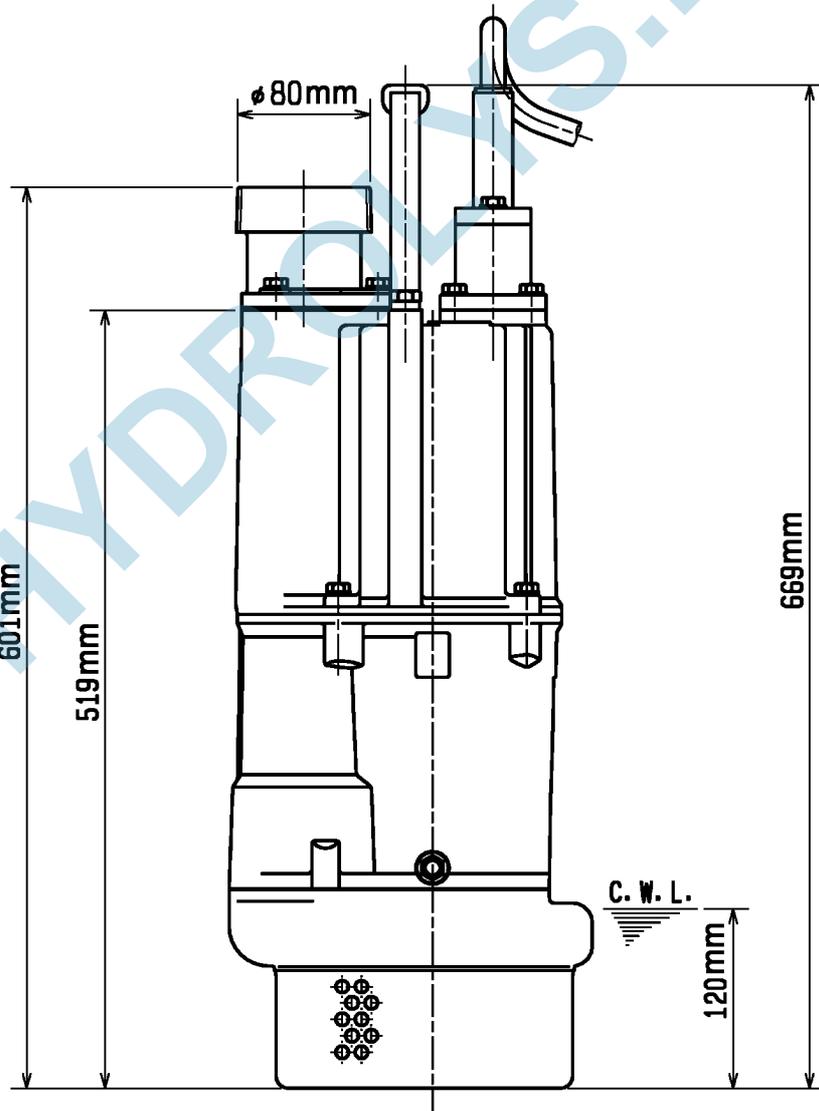
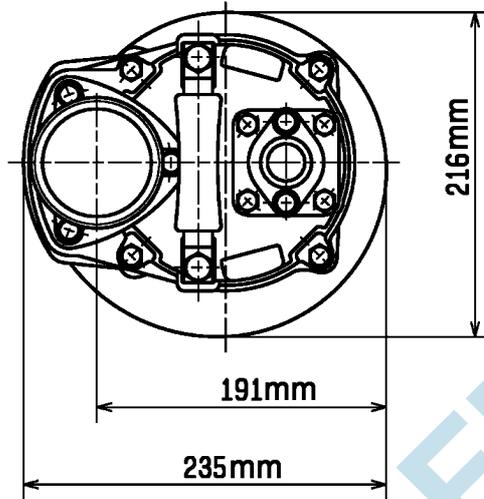
40 kg (dry weight of the pump only without cable)

courbe de puissance NK3-22L

Refoulement	3"
Hauteur de refoulement	18,0 m
Débit	47,9 m ³ /h
Puissance nominale	2,20 kW
Puissance absorbée	3,20 kW
Phases	1~
Tensions	230 V
Fréquence	50 Hz
Intensité nominale	14,5 A
Intensité de démarrage	69,02 A
Nombre de pôles	2
Vitesse	2890 1/min
Mode de démarrage	Direct
Classe d'isolation	E



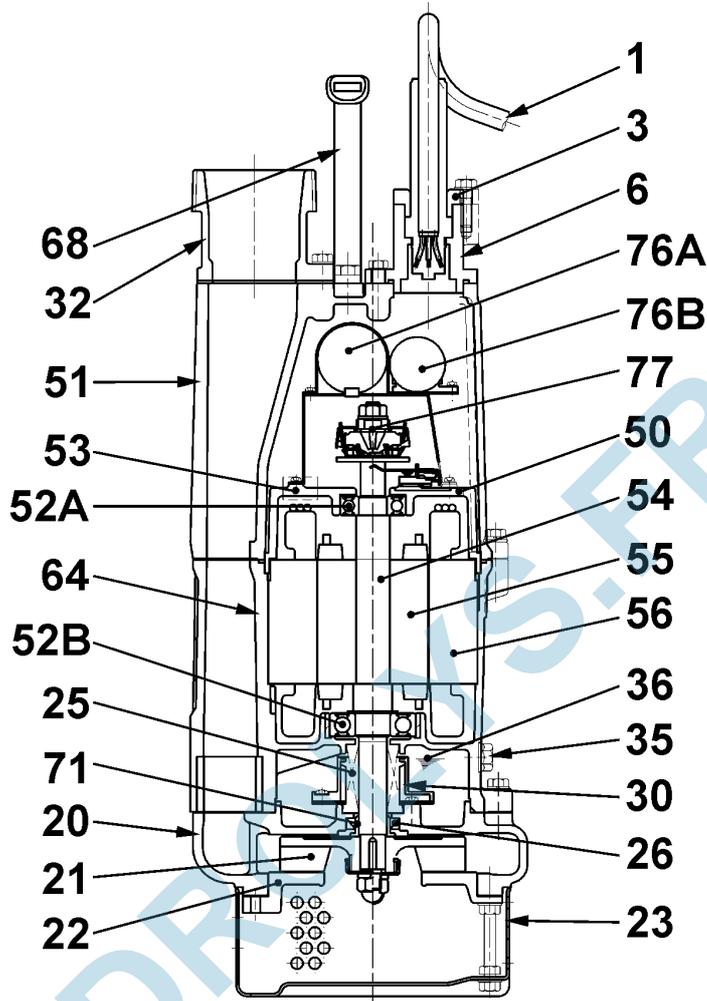
Dimensions NK3-22L



NK3-22L

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

Sectional drawing NK3-22L



NK3-22L

N°.	Désignation	Remarque	N°.	Désignation	Remarque
1	Cable	H07RN-F	52B	Lower bearing	6305ZZC3
3	Gland	Aluminium die casting	53	Motor Protector 380/400/415V	50Hz KA314-HRXL00 (H.C)
6	Cable entry	Aluminium alloy casting	54	Shaft	SUS420J2 (EN-X30Cr13)
20	Pompe boîte	FC200 (EN-GJL-200)	55	Rotor	.
21	Roue	Chromium Iron HiCrFC	56	Stator	.
22	Suction cover	FCD45 (EN-GJS-450-10)	64	Motor Frame	Aluminium alloy casting
23	Strainer	Steel plate	68	Handle	Steelplate and rubber
25	Mechanical seal	H-20T	71	Manchon protecteur arbre	SUS304 (EN-X5CrNi18-10)
26	Oil seal	TC25388	76A	Condenser	.
30	Oil distributor	Matière plastique	76B	Condenser	.
32	Discharge coupling	FC200 (EN-GJL-200)	77	Centrifugal force switch	.
35	Oil screw	SUS304 (EN-X5CrNi18-10)			
36	Lubricant	Turbine oil (ISO VG32)			
50	Motor cover	FC200 (EN-GJL-200)			
51	Main cover	Aluminium alloy casting			
52A	Upper bearing	6204ZZC3			