

Customer

Technical data

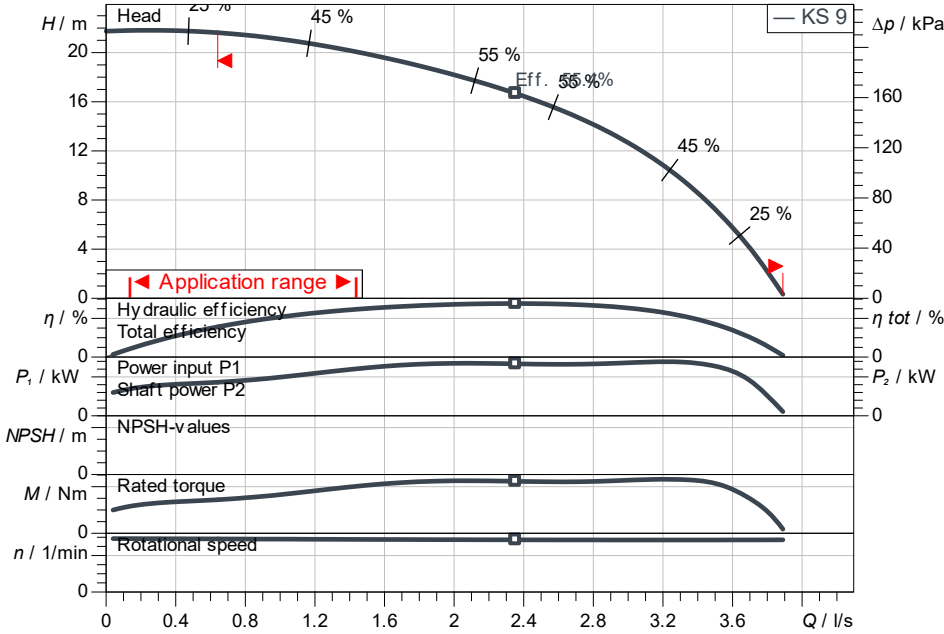
Submersible drainage pump KS 9ES GG

Project ID: Untitled project 2025-03-03 12:32:55.181

Project name
Installation location
Customer pos. No.

Date: 2025-03-03

Duty chart



Requested data

| | |
|-------------------|--------------------------|
| Flow | |
| Head | |
| Media | Water 100 % |
| Fluid temperature | 20.00 °C |
| Density | 998.30 kg/m ³ |
| Kin. viscosity | 1.00 mm ² /s |

Hydraulic data (Duty point)

| | |
|------------------|--|
| Flow | |
| Head | |
| Power input P1 | |
| Total efficiency | |

Product data

| | |
|----------------------------------|-----------------|
| Submersible drainage pump | |
| KS 9ES GG | |
| Max. operating pressure | 240 kPa |
| Fluid temperature | 3 °C ... +40 °C |
| Maximum submergence depth | 12.5 m |
| Free ball passage | 5 mm |
| Max. fluid temp. for up to 3 min | |

Motordata per Motor/Pump

| | |
|-------------------------------|---------------------|
| Type of motor | F 12.1-2/6 0,75kW |
| Mains connection | 1~ 230 V / 50 Hz |
| Permitted voltage tolerance | ±10 % |
| Nominal speed | 2,900 1/min |
| Rated power P2 | 0.75 kW |
| Power input P1 | 1.1 kW |
| Rated current | 5.70 A |
| Activation type | Direct online (DOL) |
| Degree of protection | IP68 |
| Float switch | Yes |
| Motor protection | No |
| Insulation class | F |
| Operating mode (immersed) | S1 |
| Operating mode (non-immersed) | S1 |
| Max. operating rate | 15 1/h |

Cable

| | |
|----------------------------|------------|
| Length of connecting cable | 10 m |
| Cable type | H07RN-F |
| Cable cross section | 4G1,5 |
| Type of connecting cable | Detachable |
| Mains plug | SMP 6MA |

Fitting dimensions

| | |
|--------------------------------------|----------|
| Pipe connection on the suction side, | |
| Pipe connection (pressure side) | Storz C, |

Materials

| | |
|-----------------------|-------------------|
| Pump housing | 5.1301/EN-GJL-250 |
| Impeller | 5.1301/EN-GJL-250 |
| Shaft | 1.4021 |
| Sealing on pump side | QQPGG |
| Sealing on motor side | BVPGG |
| Gasket material | FKM |
| Motor housing | 5.1301/EN-GJL-250 |

Information for order placements

| | |
|----------------|-------|
| Weight approx. | 25 kg |
| Item number | |

