## KCX-08.11.6HG

### Requested data

| | |
|---|---|
| Flow | 0 l/s |
| Head | 0 m |
| Fluid | |
| Pumpe type | Single head pump |
| No. of pumps | 1 |

### Operating pump data

| | |
|---|---|
| Flow | |
| Head | |
| Shaft power | |
| Efficiency | % |
| Head H(Q=0) | 5 m |
| Discharge connection | 80 mm |
| Installation | Permanent subm. installation DN80/PN10 |
| Impeller | |
| Free passage | 75 mm |

### Motor data

| | |
|---|---|
| Frequency | 50 Hz |
| Rated voltage | 400 V |
| Nominal speed | 960 1/min |
| Number of poles | 6 |
| Rated power P2 | 1,1 kW |
| Rated current | 2,8 A |
| Motor type | 3~ |
| Insulation class | F |
| Degree of protection | IP 68 |

### Operating limits

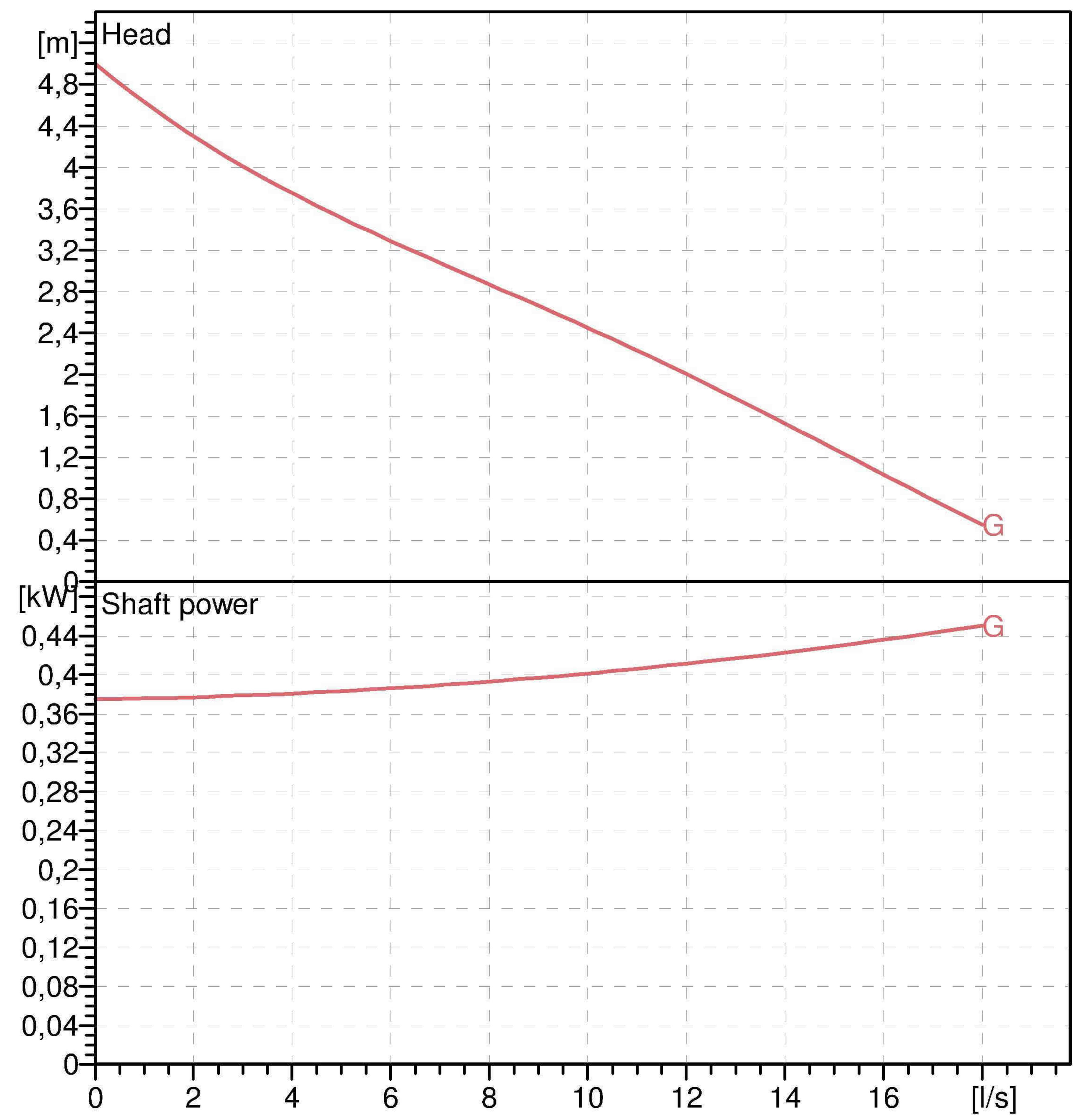
| | |
|---|---|
| Starts per hour max. | 20 |
| Maximum temperature of pumped fluid | 40 °C |
| Max. Density | 998 kg/m³ |
| Max. viscosity | 1 mm²/s |

### General data

| | |
|---|---|
| Weight | 73 kg |
| Flameproof version | ATEX II 2G EExd IIB T4 |

### Materials

| | |
|---|---|
| Pump casing | Grey cast iron |
| Impeller | Grey cast iron |
| Wear ring | Steel/rubber |
| Suction casing | Grey cast iron |
| Mech. seal on pump side | Silicon carbide/Ceramics |
| Oil chamber | Grey cast iron |
| Motor casing | Grey cast iron |
| Shaft | Stainless steel |
| Thermal probes | Yes |
| Conductivity probe | Yes |
| Mech. seal on motor side | Graphite/Ceramics |
| Handle | Stainless steel |
| Power supply cable | 10m |
| Screws and nuts | Stainless steel |



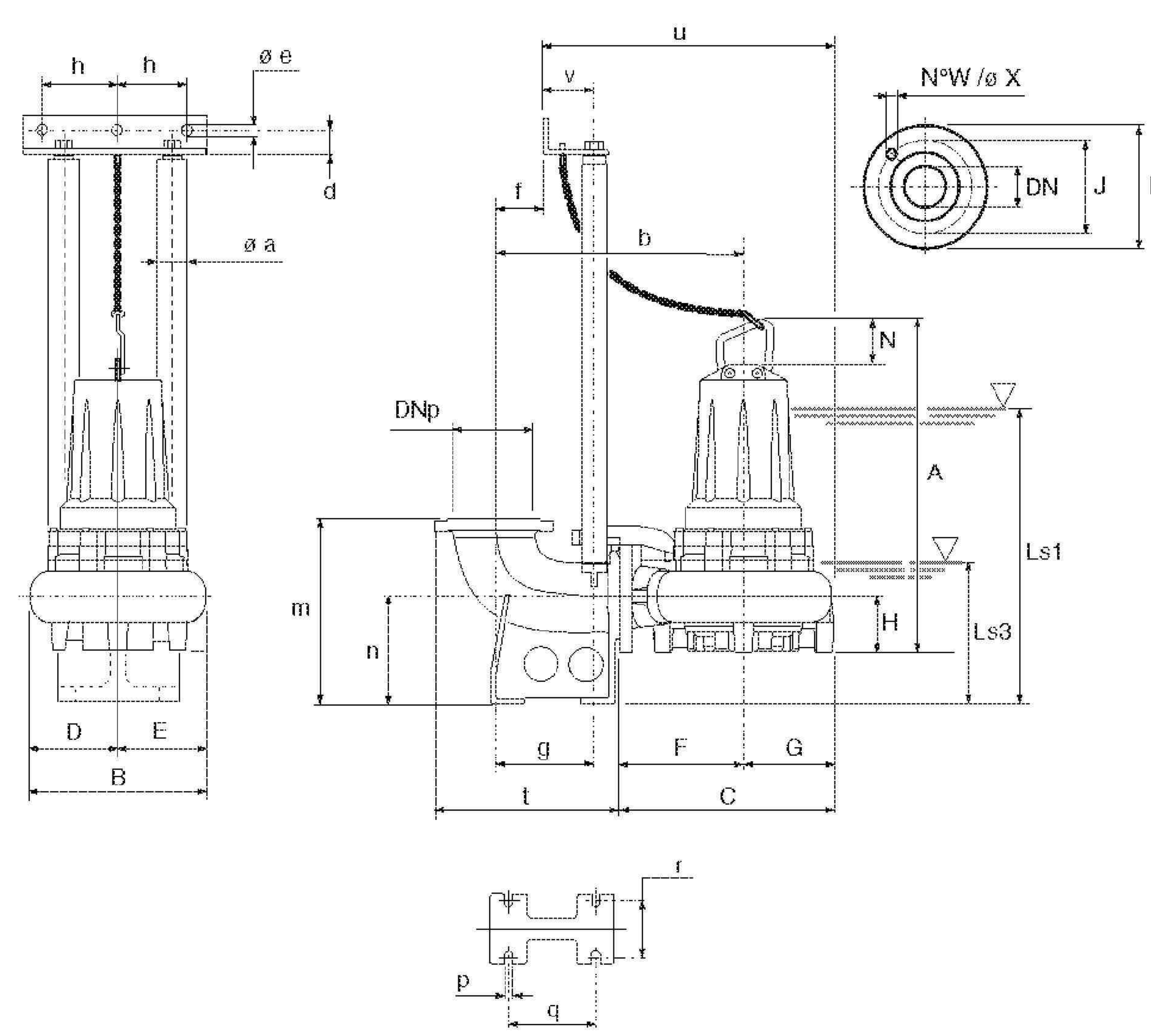

### Operating data

ISO 9906 grade 2

| Q [l/s] | H [m] | P [kW] | Eff. [%] | NPSH [m] |
|---|---|---|---|---|
| | | | | |

**DIMENSIONS mm**

A = 585
a = o2"
B = 317
b = 465
C = 407
D = 173
d = 35
DN = 80/PN10
DNp = 80/PN10
E = 144
e = o12,5
F = 245
f = 40
G = 162
g = 173
H = 121
h = 130
J = 160
K = 200
Ls1 = 477
Ls3 = 255
m = 320
n = 180
N = 80
oX = 18
p = 18
q = 156
r = 110
t = 320
u = 587
v = 102
W = 4



Remarks:

| Date | Page | Offer no. | Pos.no |
|---|---|---|---|