KC-80.510.4RD

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)	57,1 m
Discharge connection	150 mm
Installation	Submersed automatic coupling
Impeller	Single channel
Free passage	102 mm

Motor data

Frequency	50 Hz
Rated voltage	400 V
Nominal speed	1450 1/min
Number of poles	4
Rated power P2	51 kW
Rated current	93 A
Motor type	3~
Insulation class	F
Degree of protection	IP 68

Operating limits

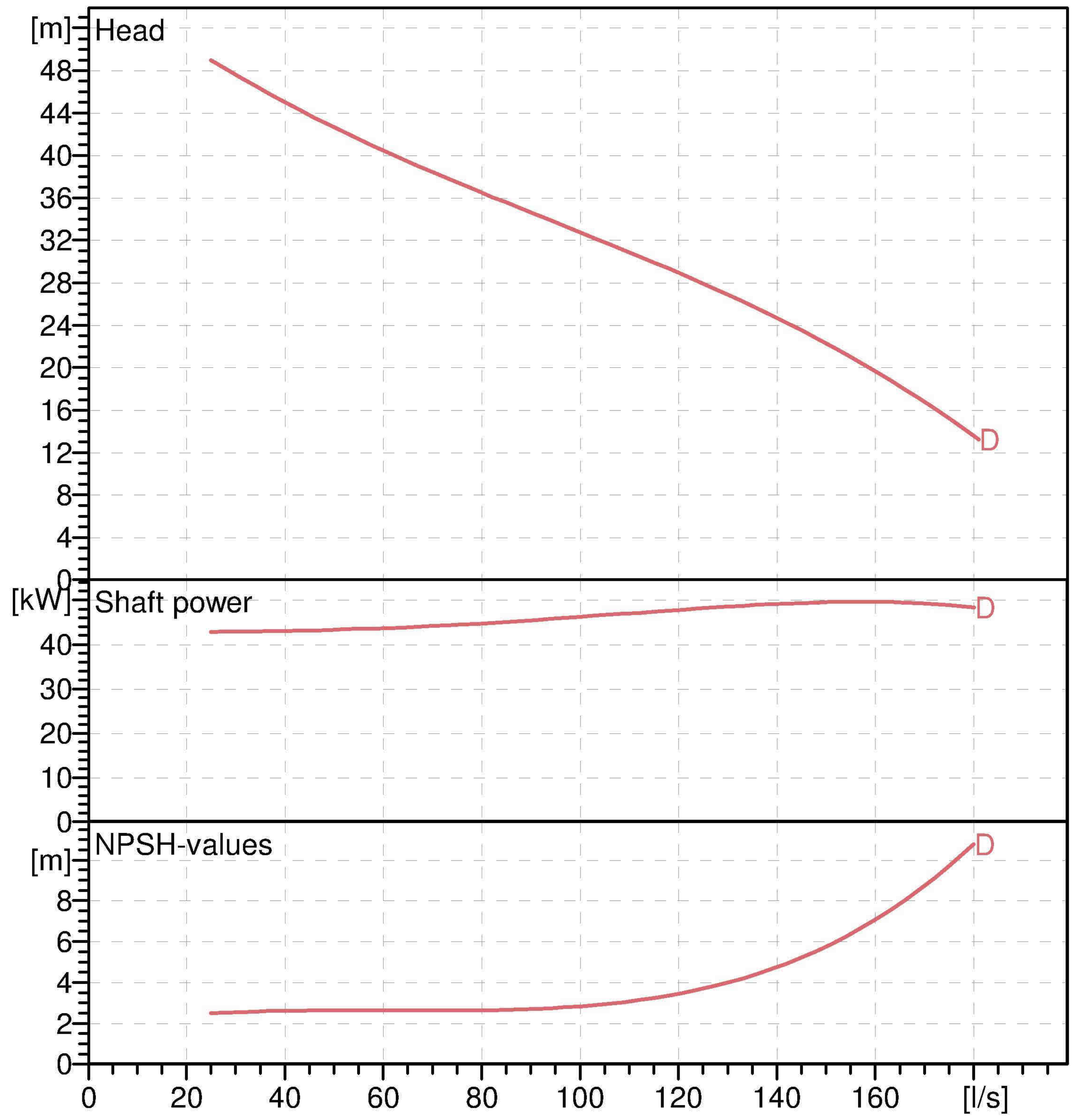
Starts per hour max.	10
Maximum temperature of pumped fluid	40 °C
Max. Density	998 kg/m³
Max. viscosity	1 mm²/s

General data

Weight	607 kg

Materials

Pump casing	Cast iron
Impeller	Cast iron
Wear ring	Steel/rubber
Shaft	Stainless steel
Mech. seal on pump side	Silicon carbide/Sil. Carbide
Oil chamber	Cast iron
Motor casing	Cast iron
Outer shell (version R)	Stainless steel
Thermal probes	Yes
Conductivity probe	Yes
Mech. seal on motor side	Graphite/Stainless steel
Screws and nuts	Stainless steel
Power supply cable	10m



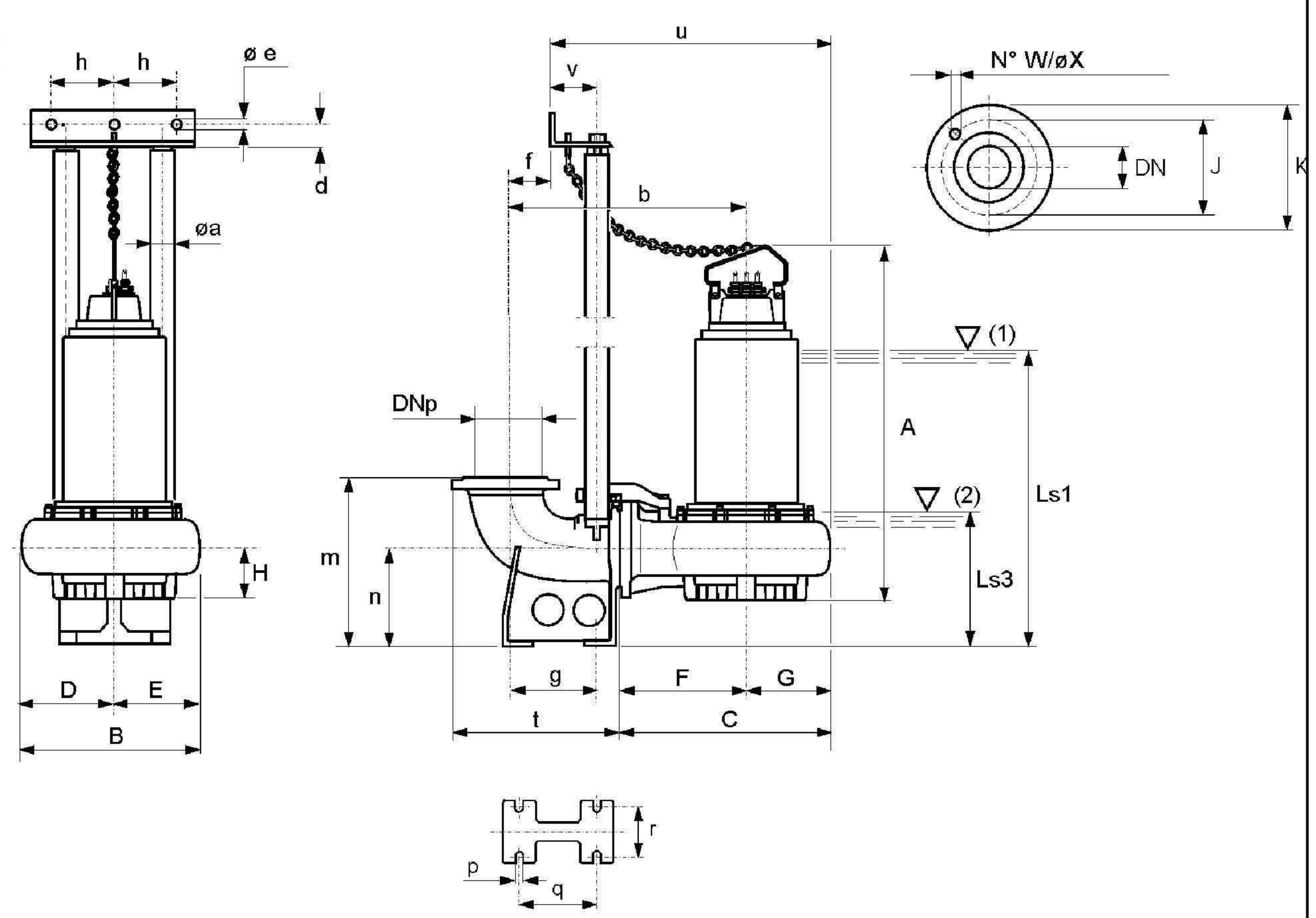
Operating data

ISO 9906 grade 2

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

DIMENSIONS mm

A = 1557
B = 670
b = 885
C = 825
d = 35
D = 365
DN = 150/PN16
DNp = 200/PN10
E = 305
f = 180
F = 500
g = 305
G = 325
h = 157,5
H = 195
J = 295
K = 340
Ls1 = 1190
Ls3 = 445
m = 540
n = 290
oa = 3"
oe = 12,5
oX = 22
p = 24
q = 280
r = 210
t = 555
u = 1030
v = 117
W = 8



Remarks:

Date	Page	Offer no.	Pos.no