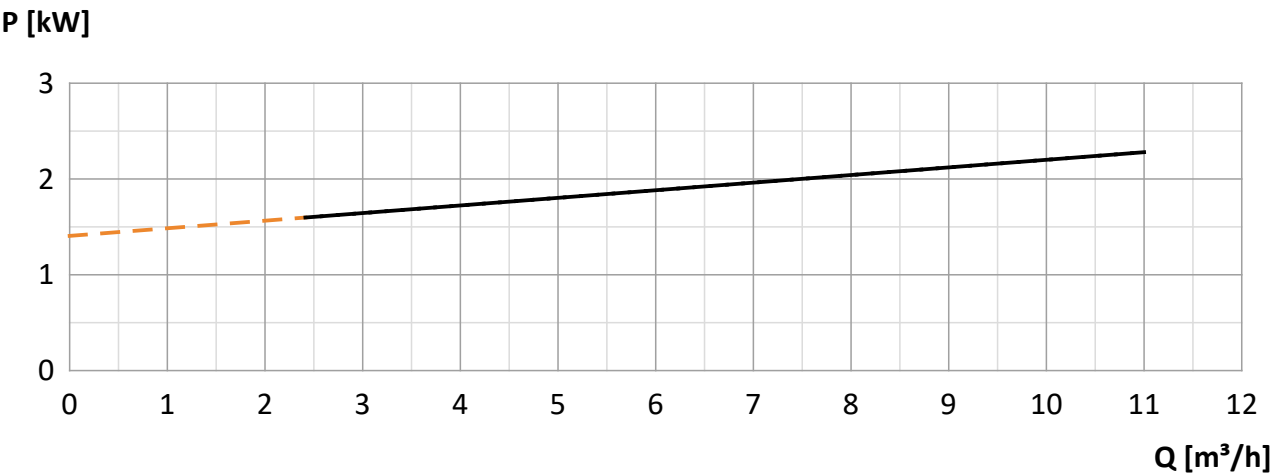
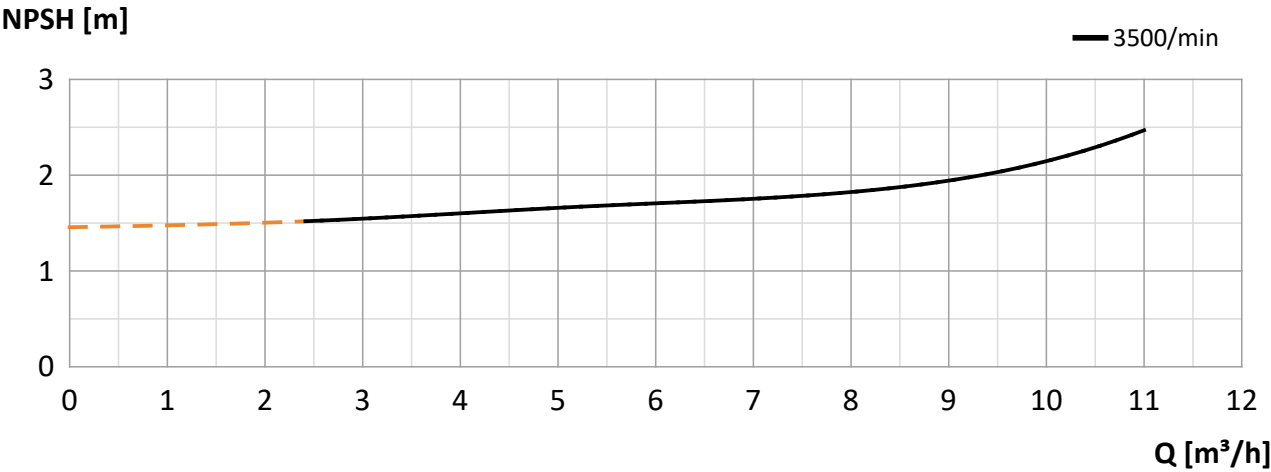
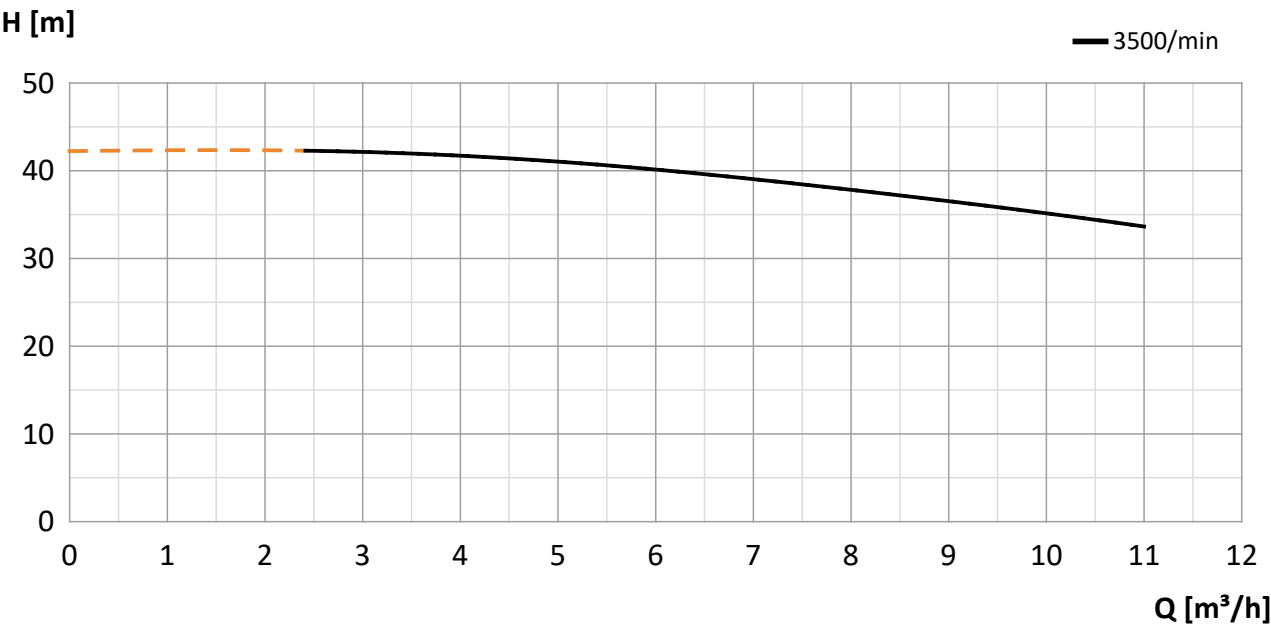


Technical Datasheet

LBU 401 A142L II2GCT4 / 3,0 KW



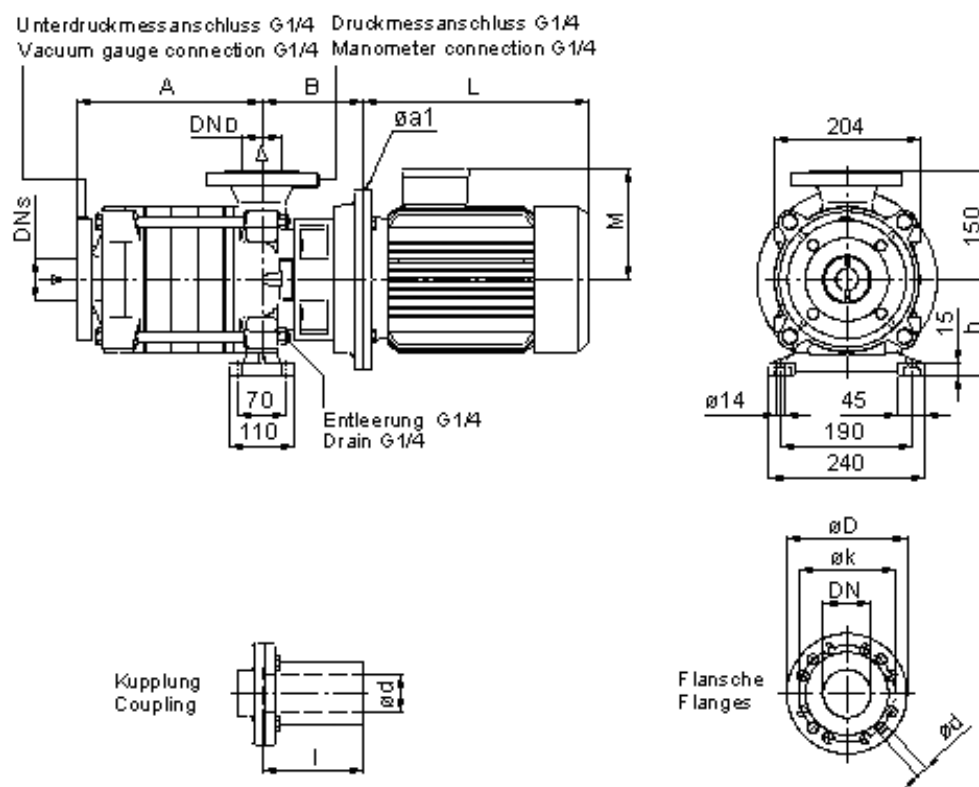
Characteristic curves for pumped media Water, pure with a density of 0,998 kg/dm³, viscosity 1,003mm²/s,temperature of 20°C



Technical Datasheet

LBU 401 A142L II2GCT4 / 3,0 KW

Measurements (in mm) and weight
Subject to technical alterations



Motor

L 371 M 166

Weight

58 kg

Flanges

DIN EN 1092-2

Inlet branch

DNs 65

Holes: 4

PN 16

D 185

k 145

d 19

Outlet branch

DNd 40

Holes: 4

PN 40

D 150

k 110

d 19

Pump

A 146

B 117

a1 160

d 28

h 130

I 62

Technical Datasheet

LBU 401 A142L II2GCT4 / 3,0 KW



design data and execution

design data

pumped liquid	Water, pure
temperature	20 °C
kinematic viscosity	1,003 mm ² /s
dynamic viscosity	1,001 mPas
density	0,998 kg/dm ³
steam pressure	0,02 bar
working point	
design flow rate	-
design head	-

nominal data

performance data	
nominal flow rate	-
nominal pressure head	-
speed of rotation	3500 1/min
nominal power consumption	-
max. power consumption	2,46 kW
nominal NPSH required	-

material execution

impeller	CuSn12-C (CC483K)
casing	EN-GJL-250 (EN-JL-1040)
shaft	1.4057 (X22CrNi16 2)

Standard Execution

shaft seal

name	433.4048
material execution	AQ7EGG

mechanical seal

stage seal

name	ø188x3E
material execution	EPDM (ethylene-propylene-diene rubber)

o-ring

motor

nominal power	3 kW
nominal voltage	230/400V star delta
frequency	60 Hz
protection class	IP 55
insulation class	F