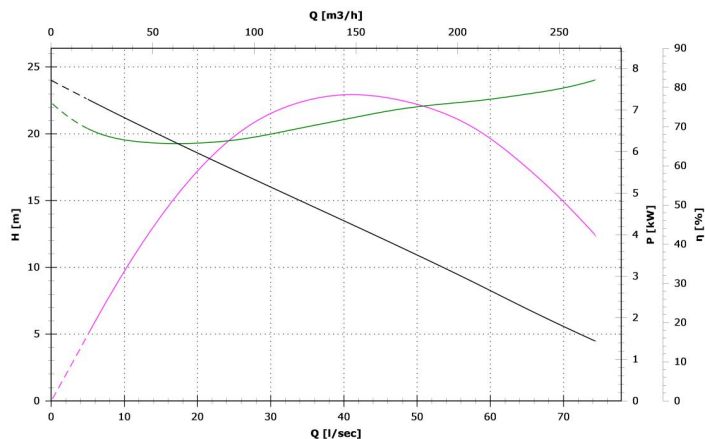


## SMP 1000/4/100 A0HT/50



Single-channel closed impeller  
 Rated power output (P2) 8.9 kW  
 Free passage 80 mm

## Technical data

Number of poles	4
Rated power output (P2)	8.9 kW
Input power (P1)	11.5 kW
Nominal absorbed current (In)	20 A
rated power factor (cos phi)	0.83
Nominal power frequency (f)	50 Hz
Rated nominal voltage(Vn)	400/700 V
N° phases	3
IPMotor	68
ATEX thermal class	not applicable
insulation class	H

## Constructive characteristics

Outlet	DN100 PN10
Outlet orientation	H (horizontal)
Type of starting	Y/D
Weight	141 kg
Standard cable type	07RN-F 7G1.5+3x0.75
EX cable type	N.A.
Standard paint type	Bicomponent epoxy paint
Maximum acoustic pressure	70 dB
Set of standard mechanical seals	Two Silicon carbide mechanical seals (SiC) and One Carbon-Aluminium oxide mechanical seal (AL)
Probe for water presence	✓

## Use limits

Maximum operating temperature	40 °C
Maximum immersion depth	20 m
PH of treated fluid	6 to 14 pH
max starts per hour	20

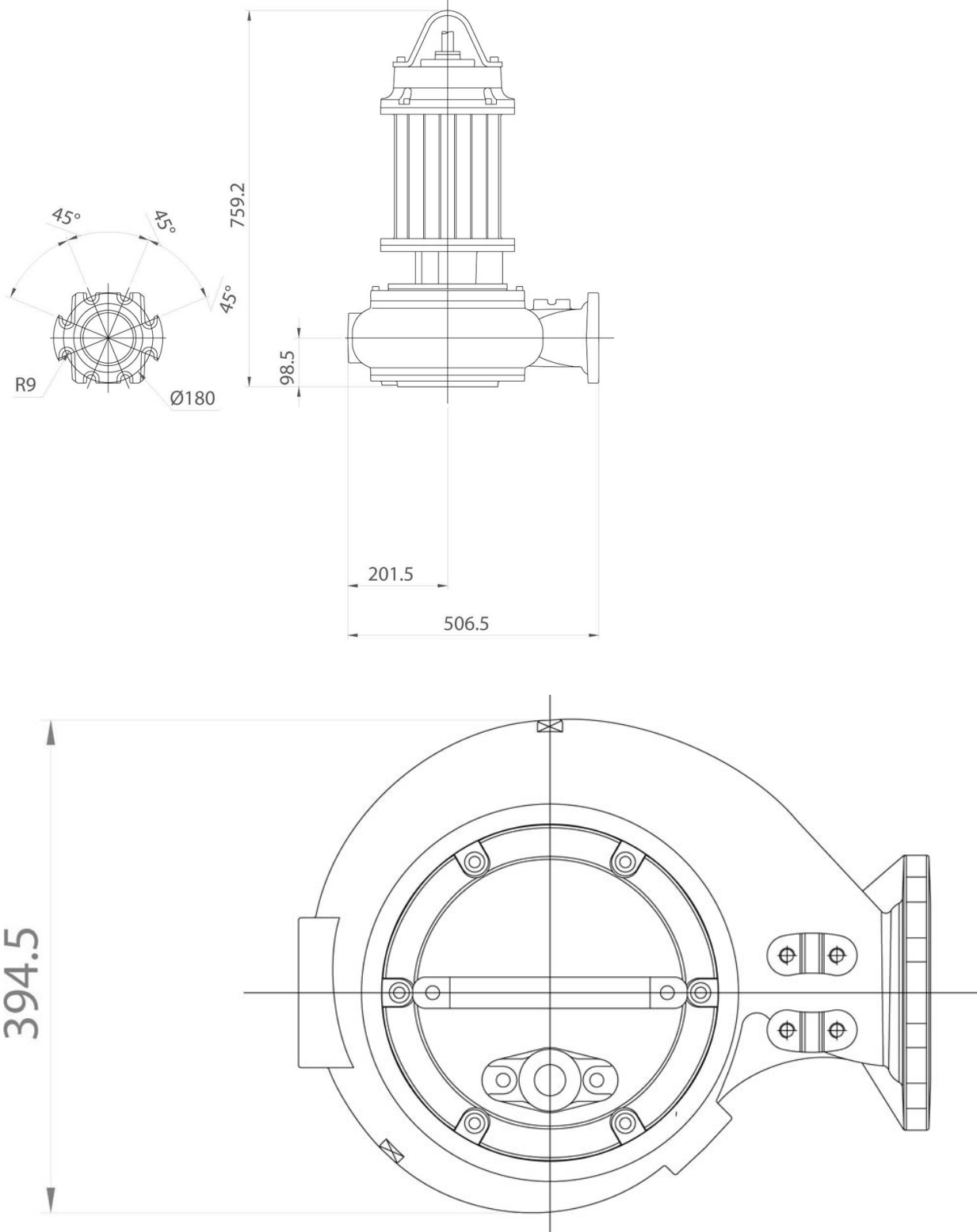
## Materials

Case	Grey Cast Iron - EN-GJL 250 (02)
Shaft	Stainless Steel - AISI 420 (23)
Cooling jacket	Carbon Steel - Fe360 ÷ Fe370 (55)
Standard gasket	Rubber - NBR (77)
EX gasket	Not applicable (00)
Nuts and bolts	Stainless Steel - Class A2-70 (42)
Hydraulic	Grey Cast Iron - EN-GJL 250 (02)
Impeller	Grey Cast Iron - EN-GJL 250 (02)
Cutting disk	Not applicable (00)
Cutter	Not applicable (00)
Grid	Not applicable (00)

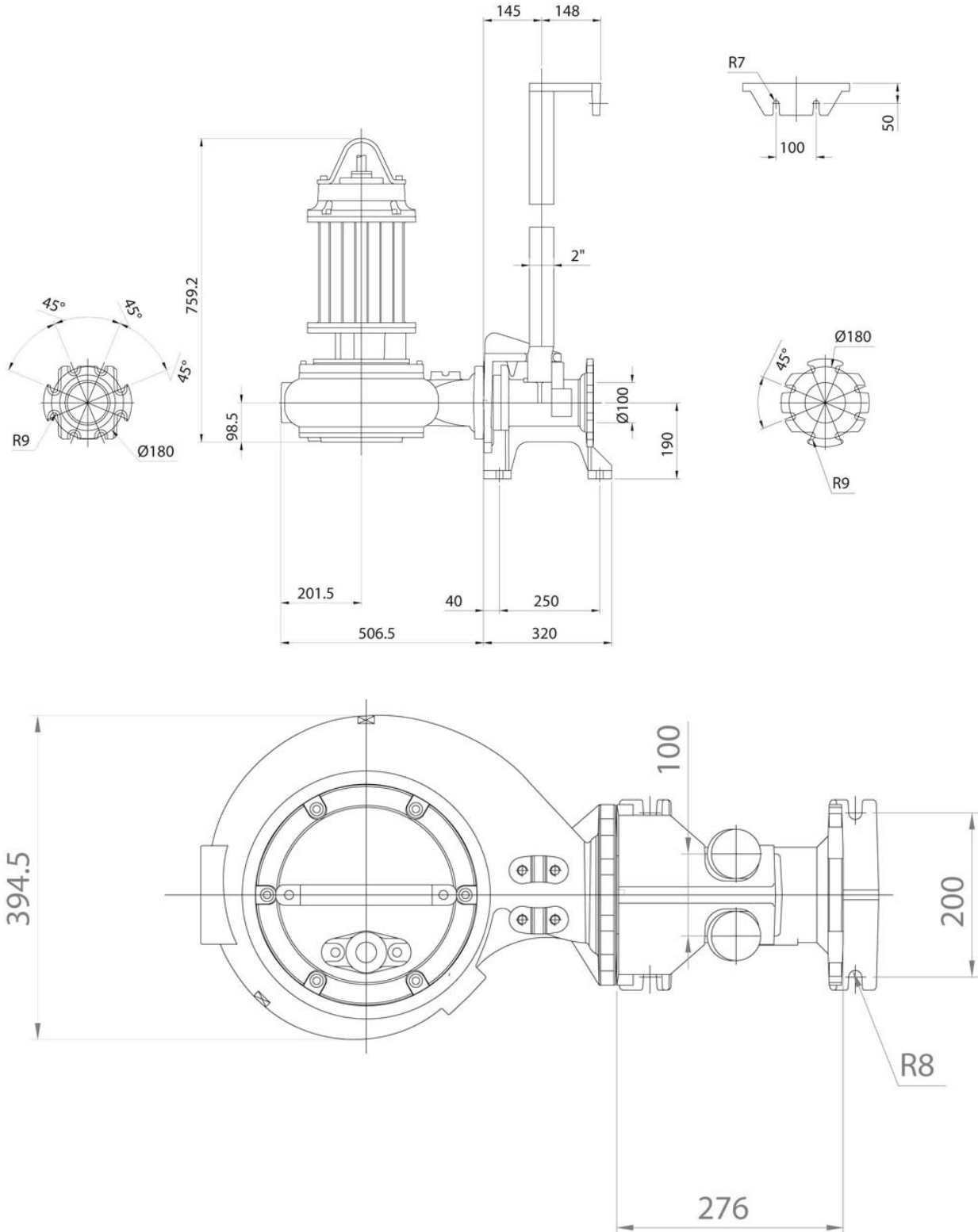
## Test limits

Density of treated fluid	1 Kg/dm³
Viscosity of treated fluid	1 mm²/s

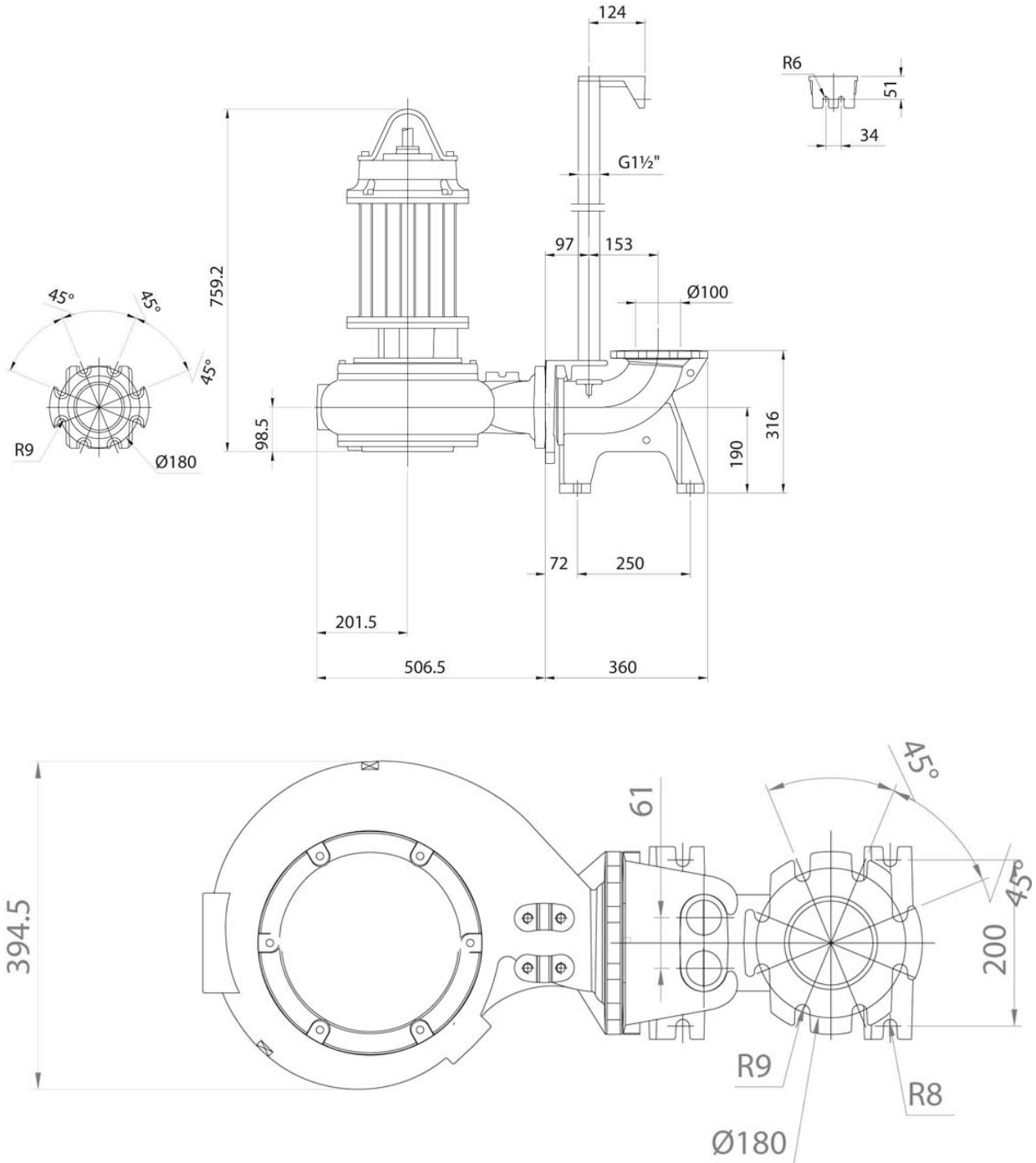
## Pump

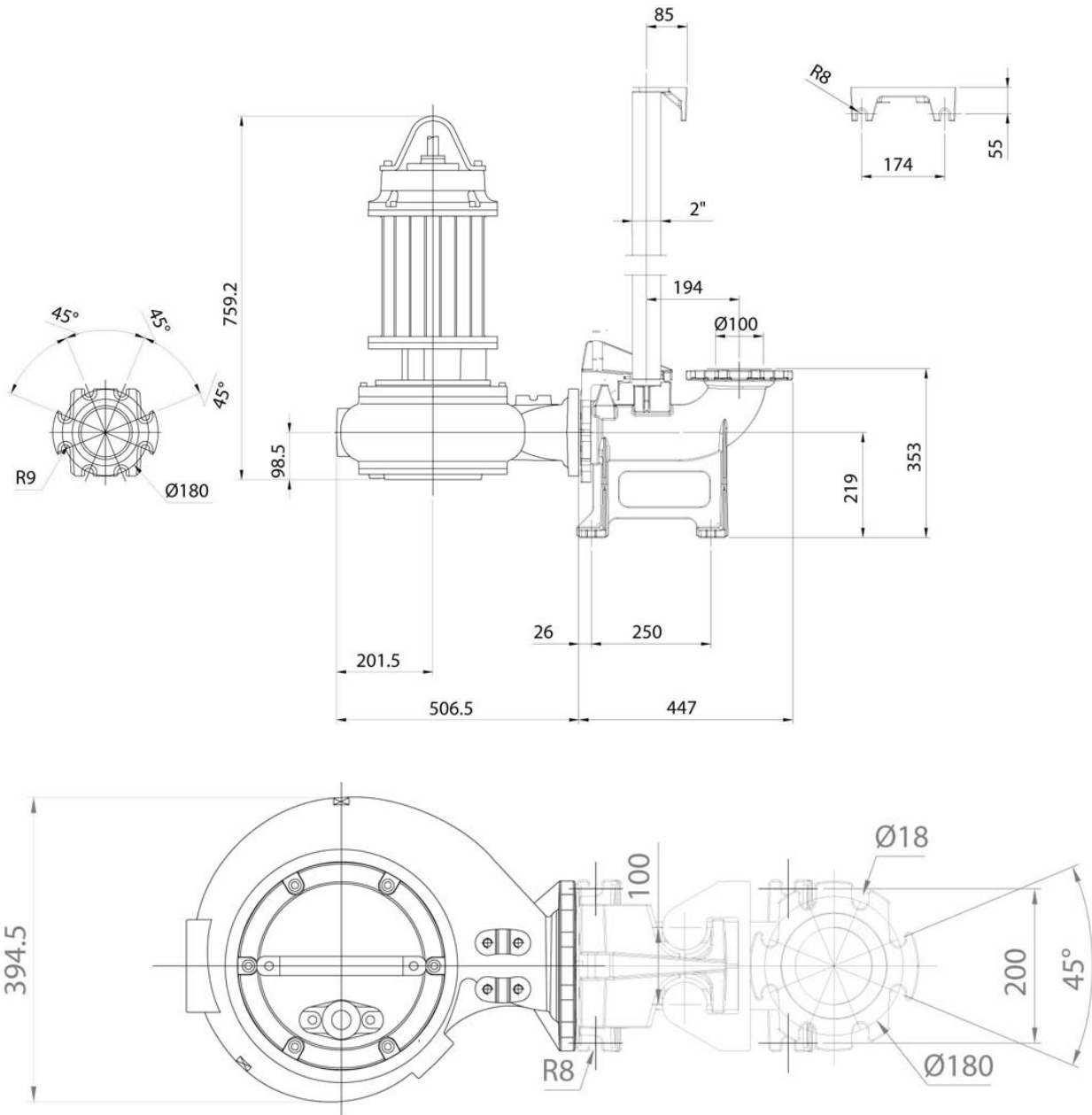


## Bottom coupling devices with horizontal outlet



## Bottom coupling devices with vertical outlet





## Outlet bends

