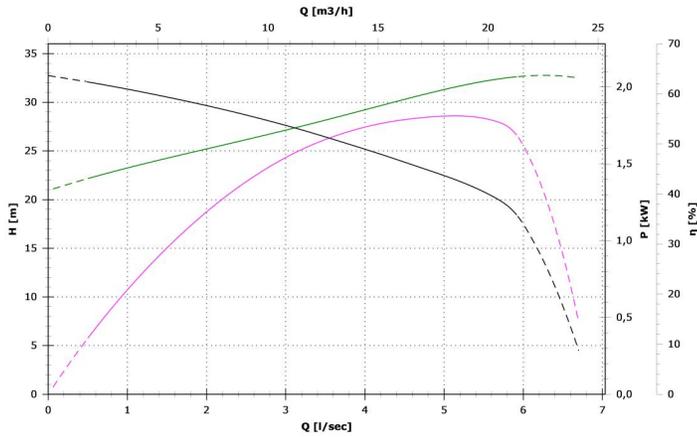


GRN 300/2/G50H A1DT/50



Impeller with grinder system

Rated power output (P2) 2.2 kW

Free passage 0 mm

Technical data

Number of poles	2
Rated power output (P2)	2.2 kW
Input power (P1)	2.9 kW
Nominal absorbed current (In)	5.1 A
rated power factor (cos phi)	0.83
Nominal power frequency (f)	50 Hz
Rated nominal voltage(Vn)	400 V
N° phases	3
IPMotor	68
ATEX thermal class	T5
insulation class	H

Constructive characteristics

Outlet	G2" DN32 PN6
Outlet orientation	H (horizontal)
Type of starting	D
Weight	44 kg
Standard cable type	07RN-F 4G1.5+3x1
EX cable type	NSSHOU-J 4G1.5+2x0.75
Standard paint type	Bicomponent epoxy paint
Maximum acoustic pressure	70 dB
Set of standard mechanical seals	Two Silicon carbide mechanical seals (SiC)
Probe for water presence	✓

Use limits

Maximum operating temperature	40 °C
Maximum immersion depth	30 m
PH of treated fluid	6 to 14 pH
max starts per hour	30

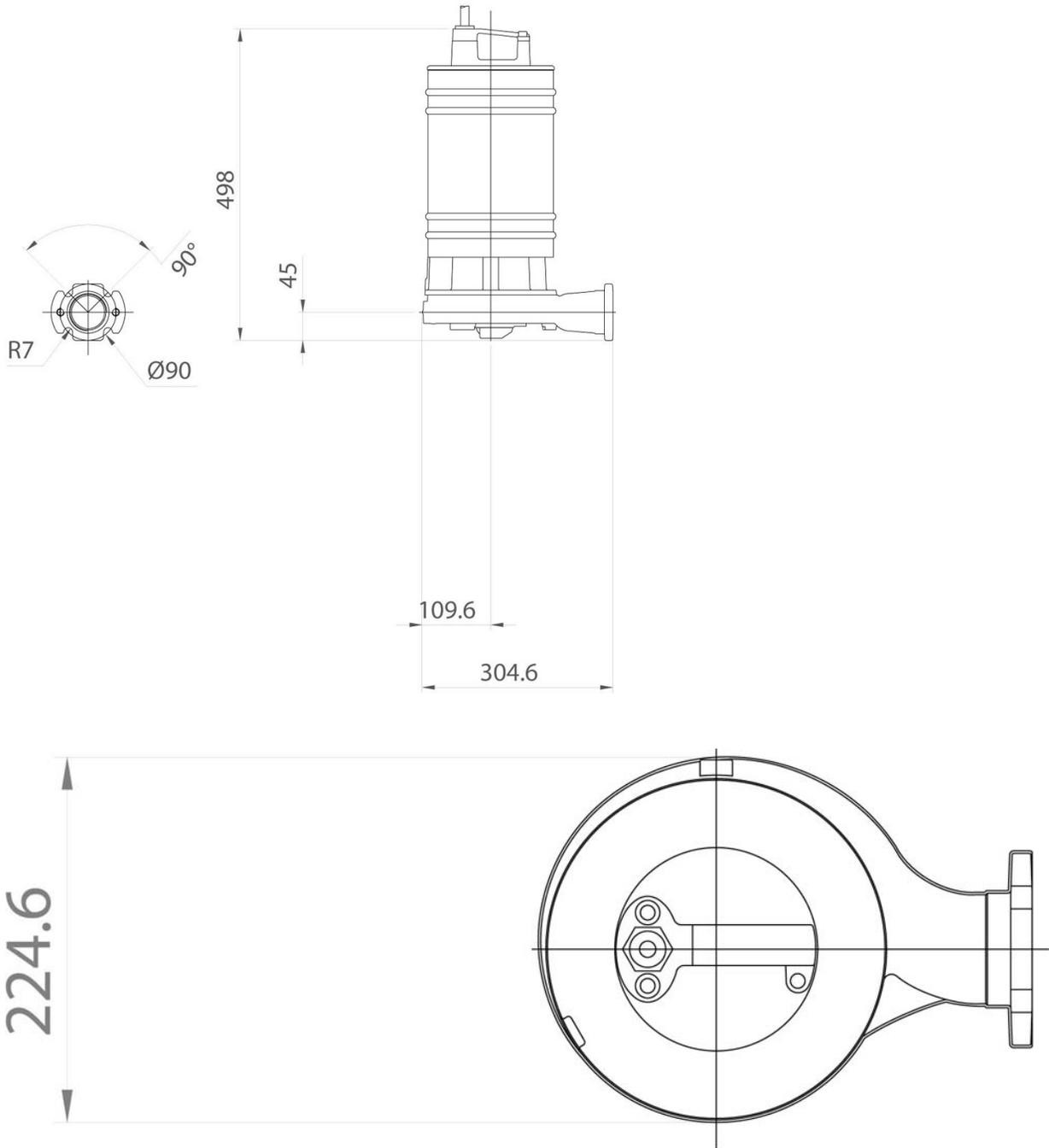
Materials

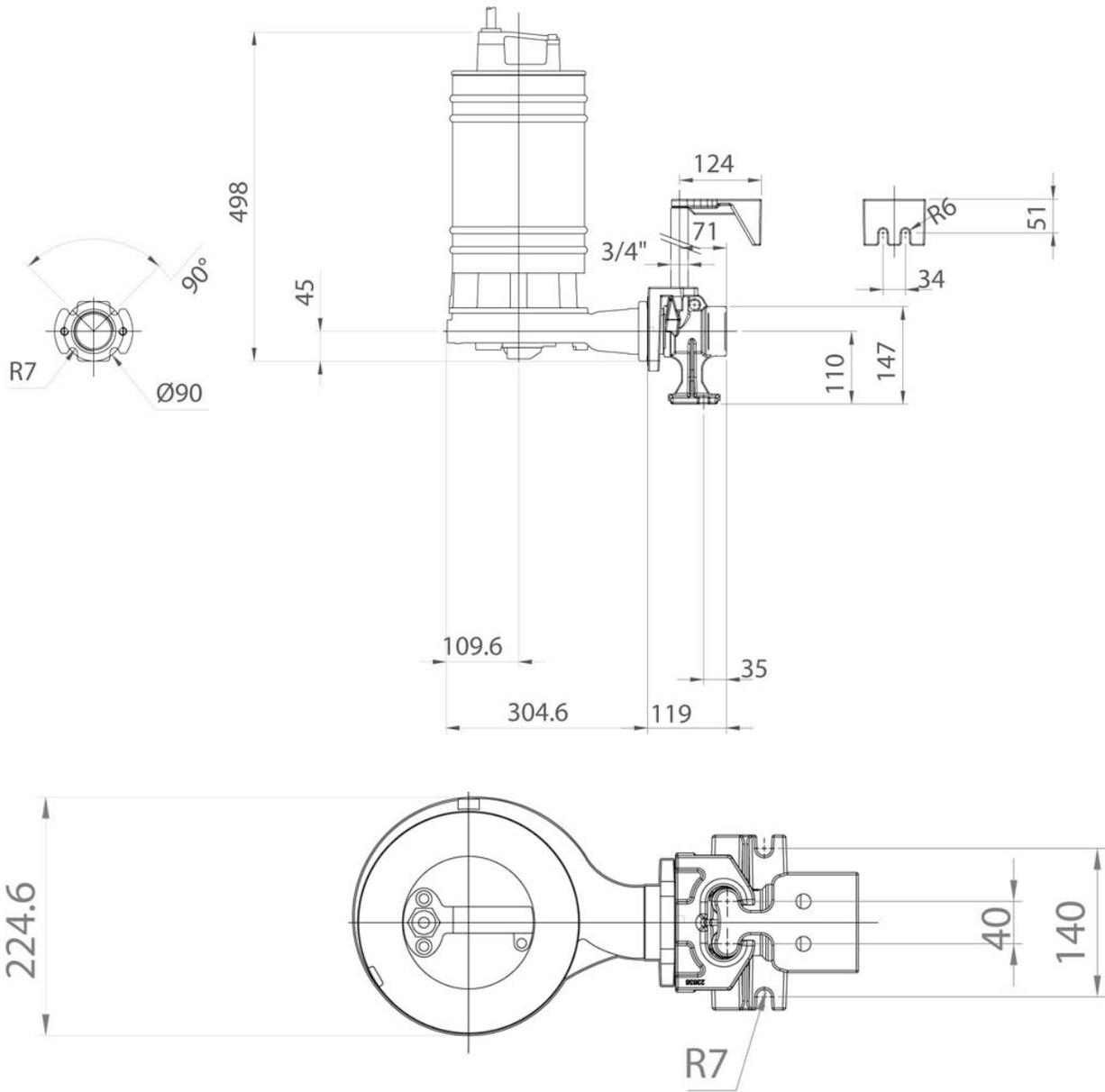
Case	Grey Cast Iron - EN-GJL 250 (02)
Shaft	Stainless Steel - AISI 420 (23)
Cooling jacket	Stainless Steel - AISI 304 (20)
Standard gasket	Rubber - NBR (77)
EX gasket	Rubber - VITON (78)
Nuts and bolts	Stainless Steel - Class A2-70 (42)
Hydraulic	Grey Cast Iron - EN-GJL 250 (02)
Impeller	Grey Cast Iron - EN-GJL 250 (02)
Cutting disk	Tool Stainless Steel - X102 CrMo17 KU (16)
Cutter	Tool Stainless Steel - X102 CrMo17 KU (16)
Grid	Not applicable (00)

Test limits

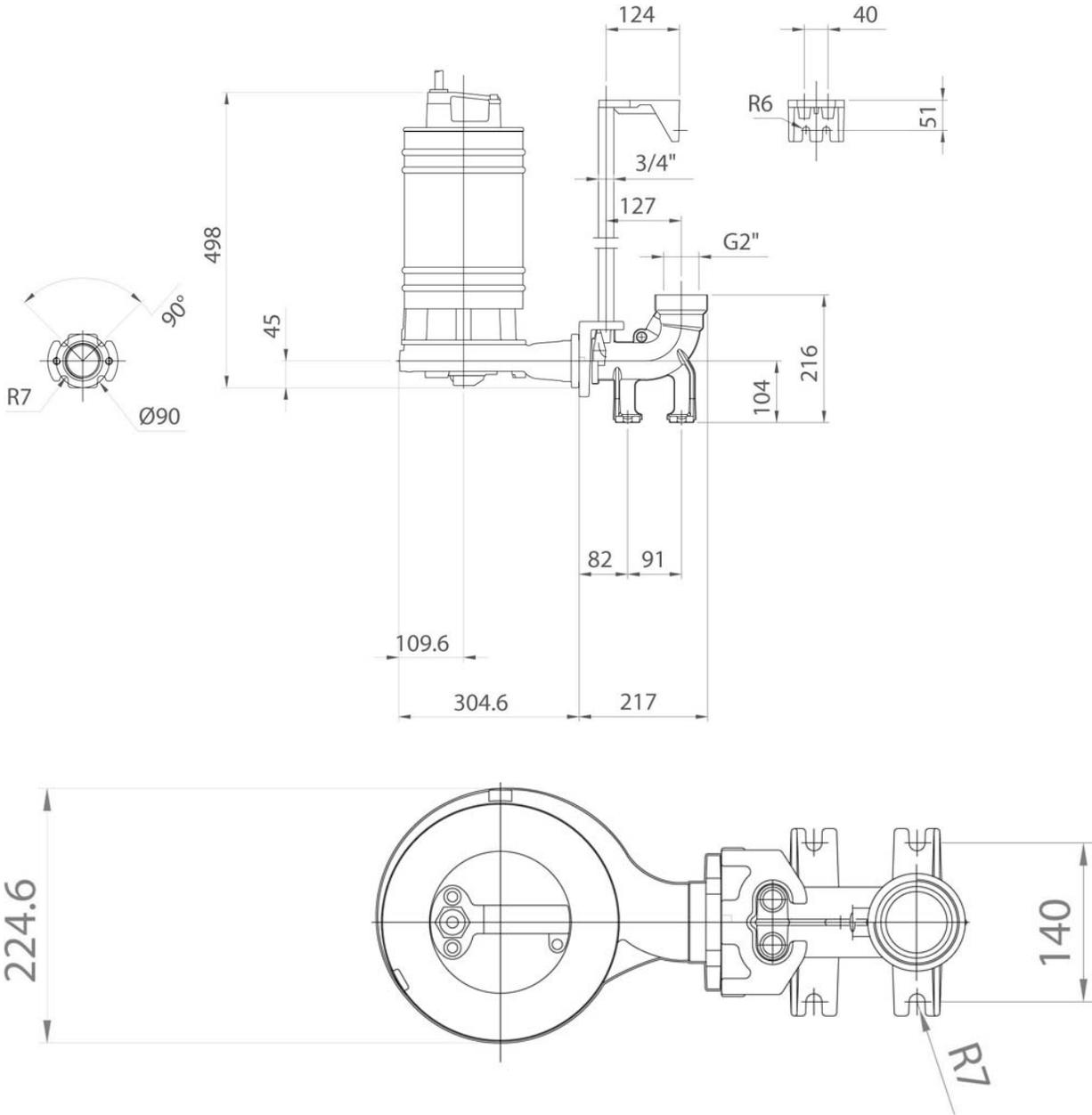
Density of treated fluid	1 Kg/dm ³
Viscosity of treated fluid	1 mm ² /s

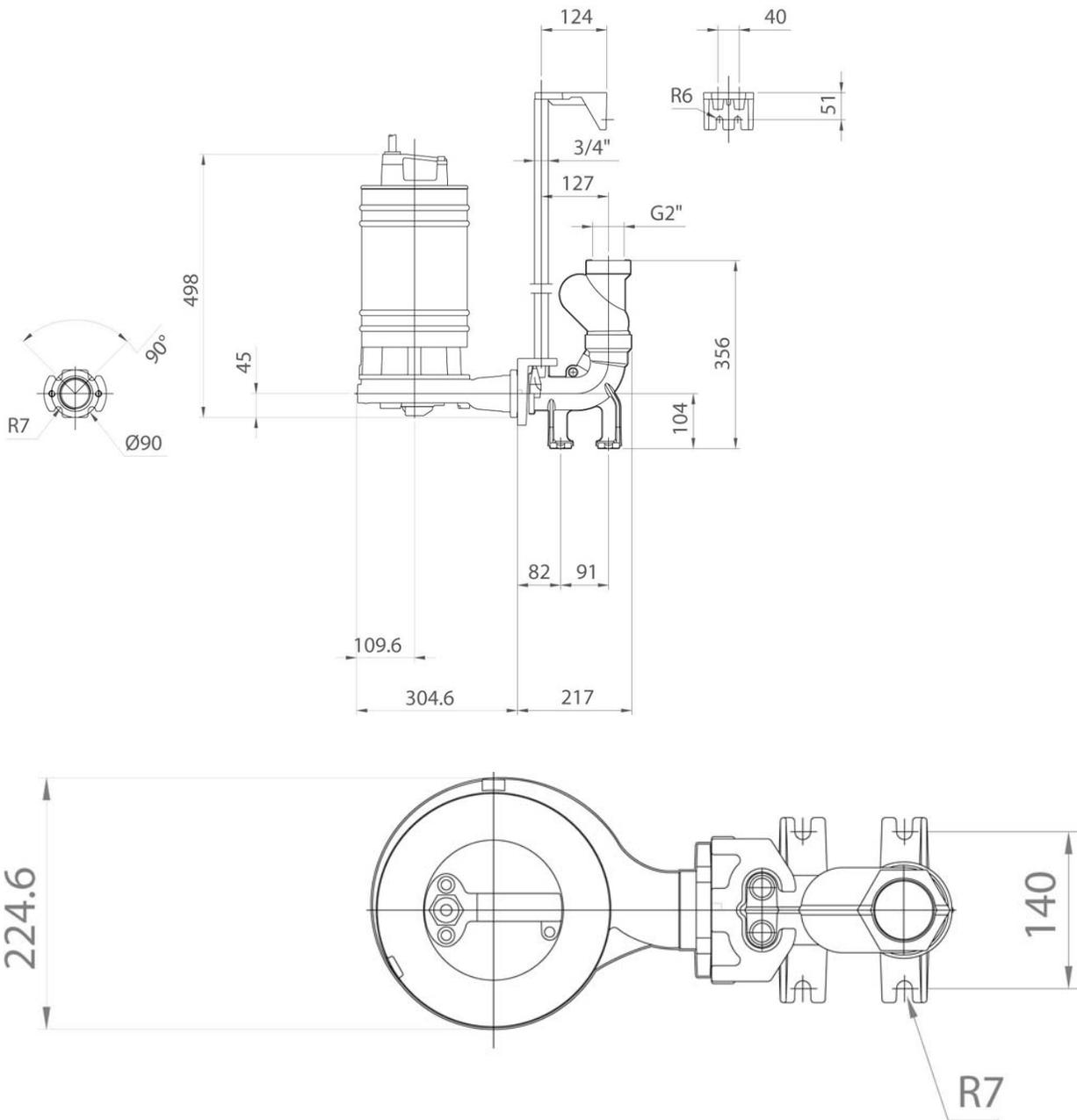
Pump

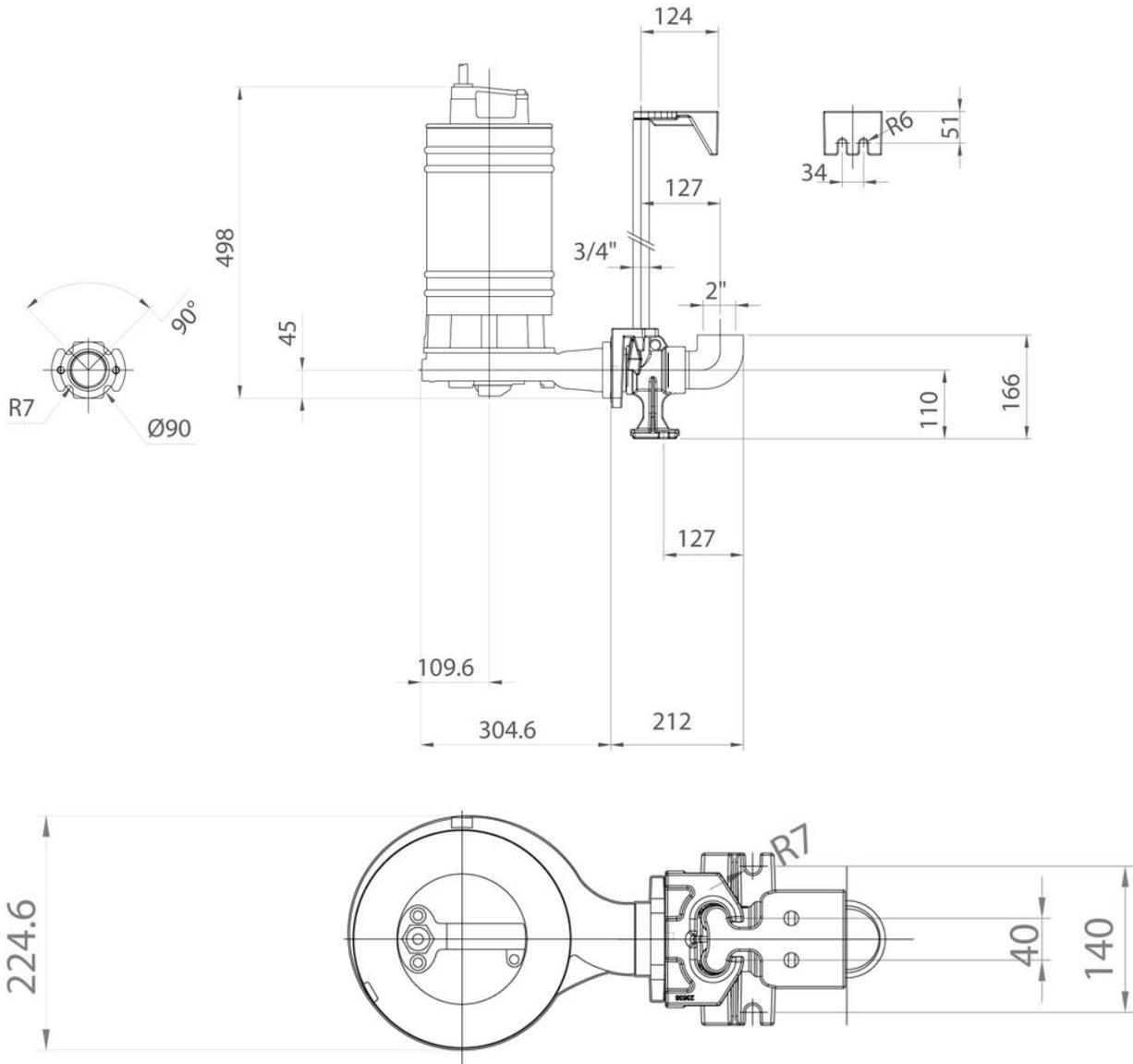


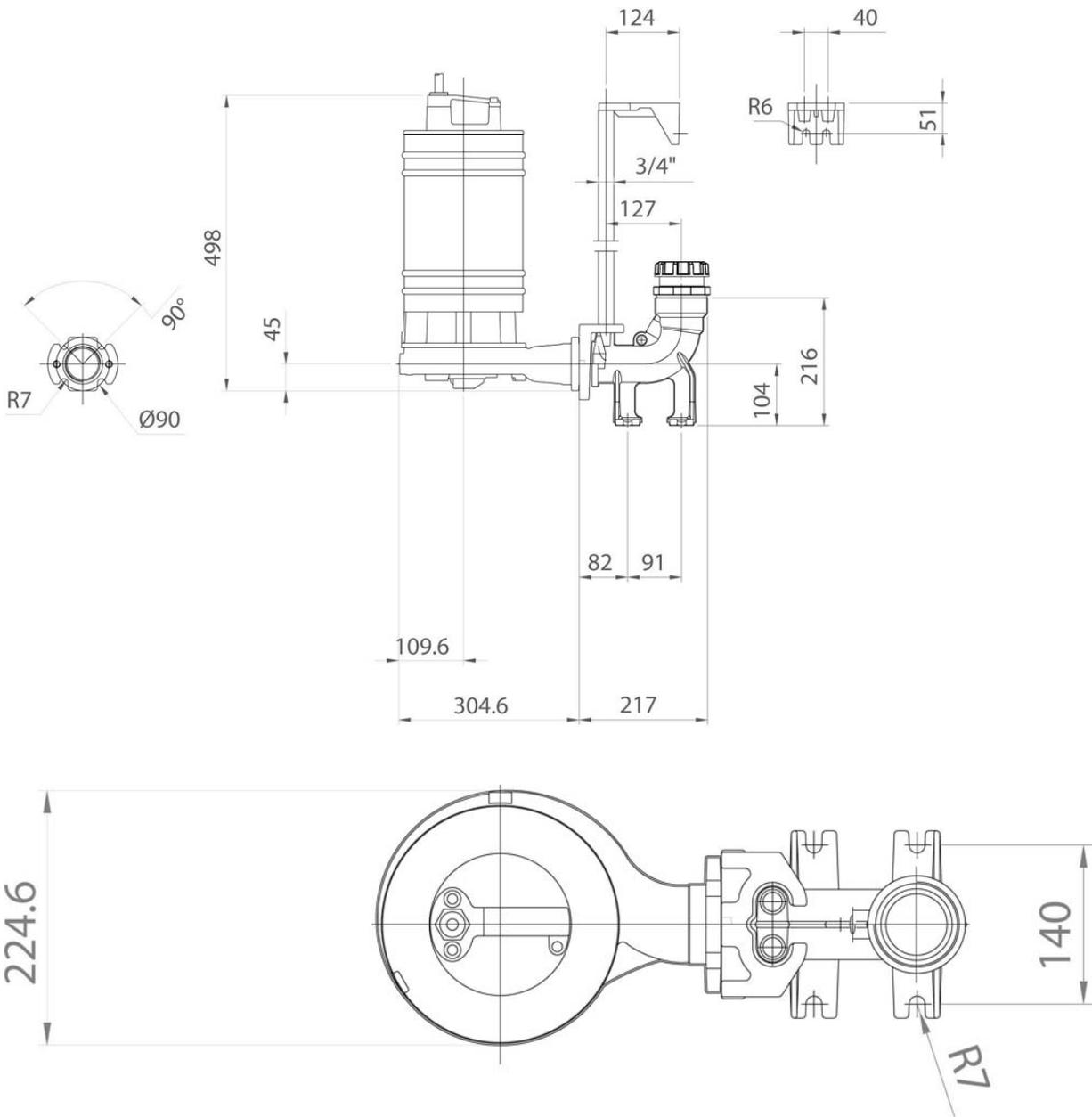


Bottom coupling devices with vertical outlet









Base plate

