

RW 4000

AlmaPompe



Application

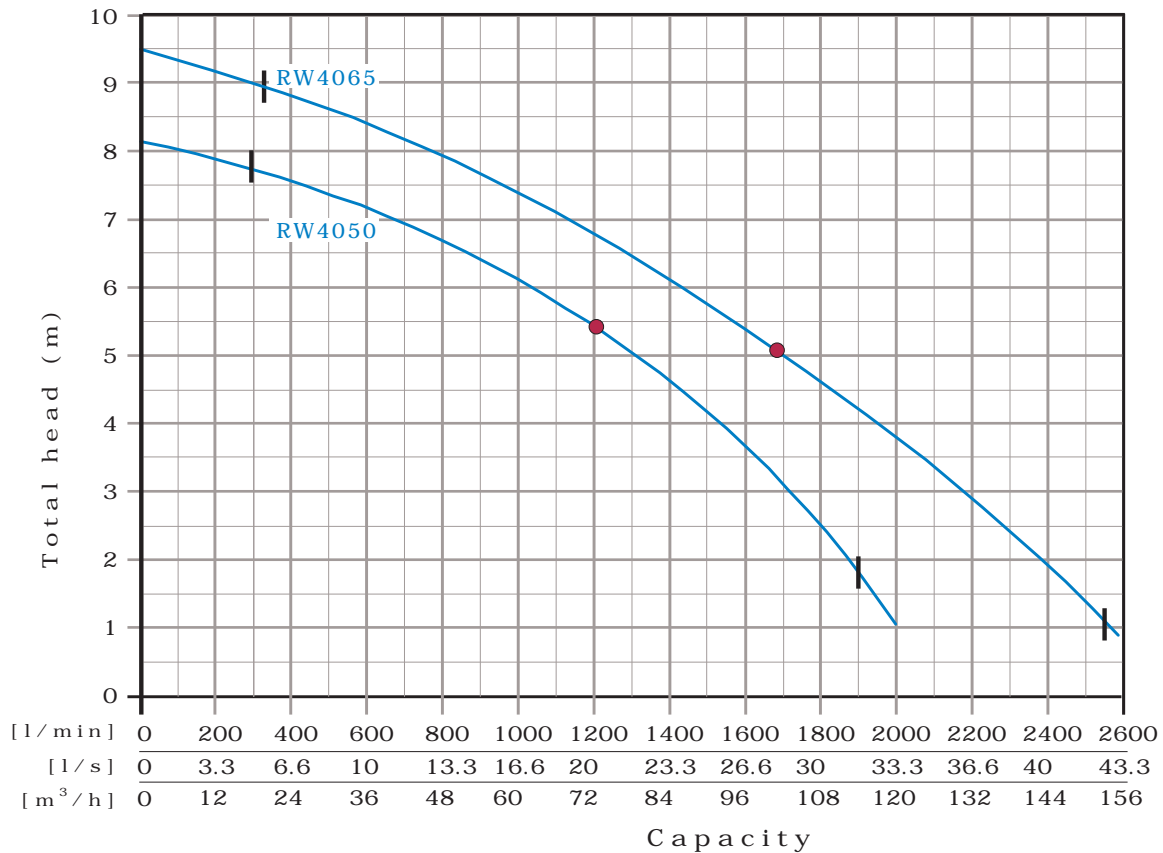
- For continuous operation, the pump must be submerged for 2/3 of its height
- Suitable for fixed installation with coupling foot; portable installations with quick rails, suspended or rested.

Specifications

- Capacity up to 154 m³/h
- Head up to 38 m
- Free passage 98 mm
- Power up to 15 kW
- Discharge outlet: DN100
- Max. water temperature: 40 °C
- Max. starts per hour:
 - 20 ≤ 5,5 kW
 - 15 > 5,5 kW
- pH of pumped liquid: 6 / 11
- Max. Immersion depth: 20 m
- Starting:
 1. D.O.L up to 9 kW (on demand:star-delta)
 2. D.O.L. / star-delta over 9 kW
- Available in standard-, explosion-proof version

Materials

- Made of high quality engineering cast iron
- Vortex impeller
- Dry chamber motor - insulation class F, IP68 protection
- Rotor supported by long-life self-lubricated roller bearings
- Winding protection by double mechanical seal
 - pump side: silicon carbide / silicon carbide
 - motor side: carbon/ceramic in oil filled chamber
- On request, the mechanical seal - motor side can be supplied in silicon carbide
- Neoprene H07RN-F cable, with brass cable clamps, 10 m long
- The submersible pumps are supplied complete with threaded counter flanges, packings and stainless steel bolts
- Optional:
 - Thermal protection built-in to the motor windings
 - Electric power cable for star-delta starting
 - Mechanical seal probe to detect water ingress into oil chamber

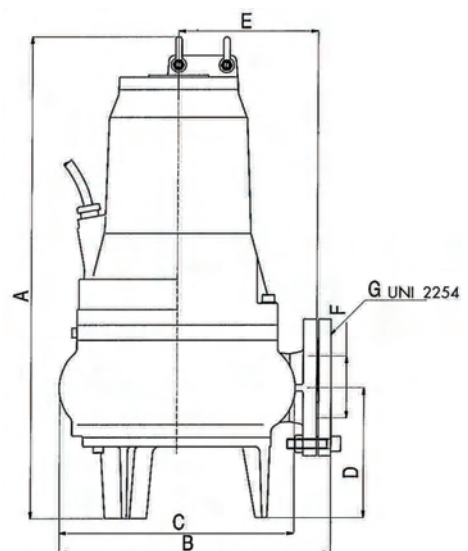


Pump Model RW 4000 4" (6 pole)

Type	A	B	C	D	E	F	Free passage mm	Ø Impeller mm	Weight kg
RW 4050 - 6	774	410	366	227	225	4"	98	238	138
RW 4065 - 6	774	410	366	227	225	4"	98	242	143

Pump Model RW 4000 4" (6 pole)

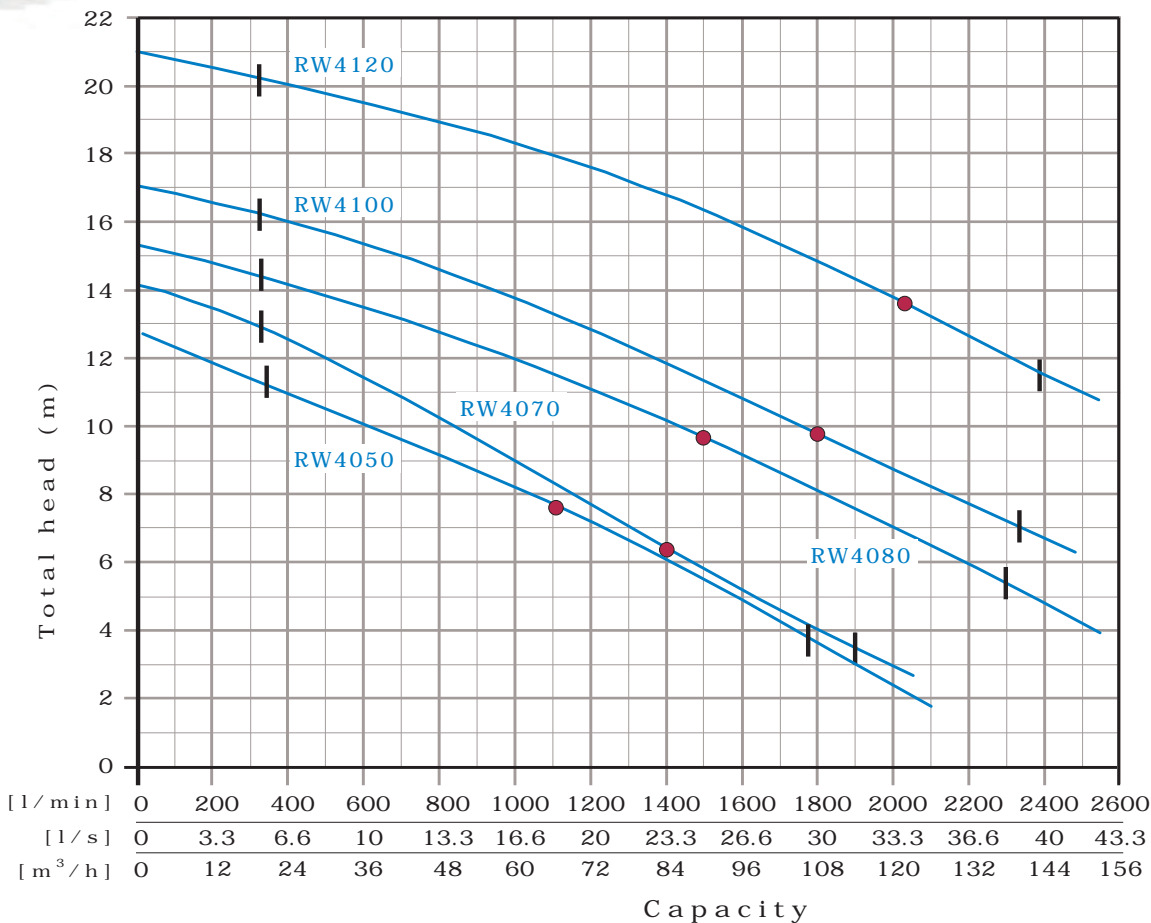
Type	kW	Ampere 400V T	R.P.M.
RW 4050 - 6	3.7	8.5	965
RW 4065 - 6	4.8	11	965





RW 4000

4-pole

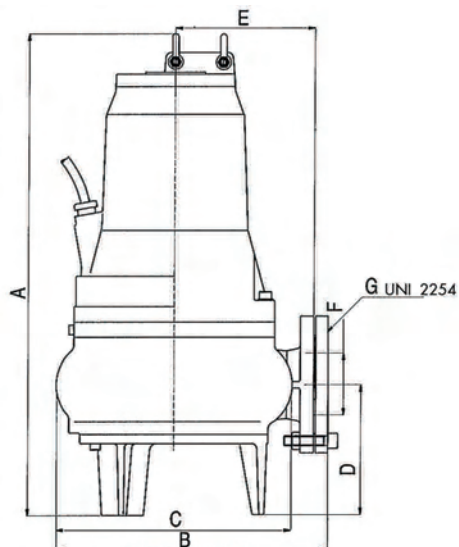


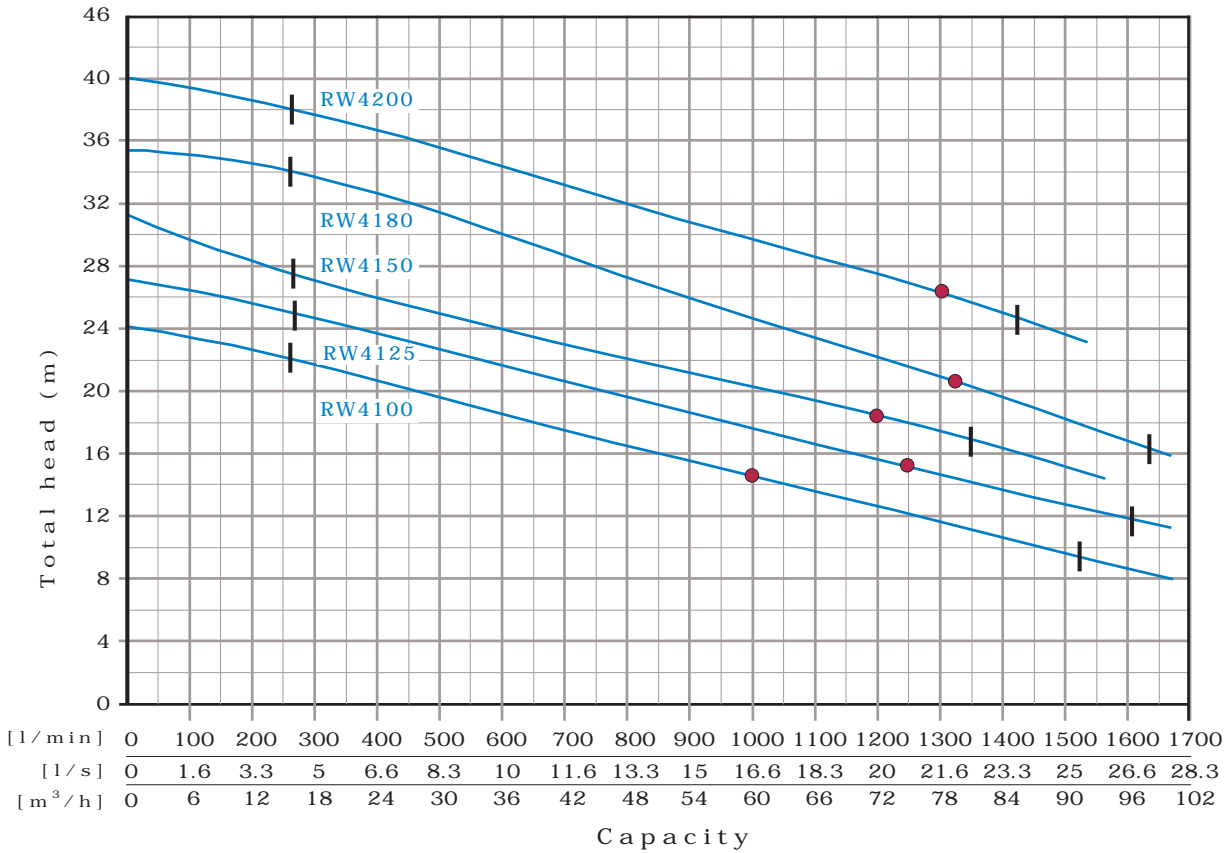
Pump Model RW 4000 4" (4 pole)

Type	A	B	C	D	E	F	Free passage mm	Ø Impeller mm	Weight kg
RW 4050 - 4	774	410	366	227	225	4"	98	210	138
RW 4070 - 4	774	410	366	227	225	4"	98	230	143
RW 4080 - 4	774	410	366	227	225	4"	98	220	149
RW 4100 - 4	774	410	366	227	225	4"	98	238	158
RW 4120 - 4	874	410	366	227	225	4"	98	242	160

Pump Model RW 4000 4" (4 pole)

Type	kW	Ampere 400V T	R.P.M.
RW 4050 - 4	3.7	8.7	1430
RW 4070 - 4	5	12	1450
RW 4080 - 4	6	15	1450
RW 4100 - 4	7.5	20	1450
RW 4120 - 4	8.8	24	1450





Pump Model RW 4000 4" (2 pole)

Type	A	B	C	D	E	F	Free passage mm	Ø Impeller mm	Weight kg
RW 4100 - 2	774	410	366	227	225	4"	83	172	142
RW 4125 - 2	774	410	366	227	225	4"	83	178	148
RW 4150 - 2	874	410	366	227	225	4"	83	188	190
RW 4180 - 2	874	410	366	227	225	4"	83	195	196
RW 4200 - 2	874	410	366	227	225	4"	83	205	200

Pump Model RW 4000 4" (2 pole)

Type	kW	Ampere 400V T	R.P.M.
RW 4100 - 2	7.5	21	2915
RW 4125 - 2	9.2	26	2930
RW 4150 - 2	11	23	2890
RW 4180 - 2	13	30	2910
RW 4200 - 2	15	31	2920

