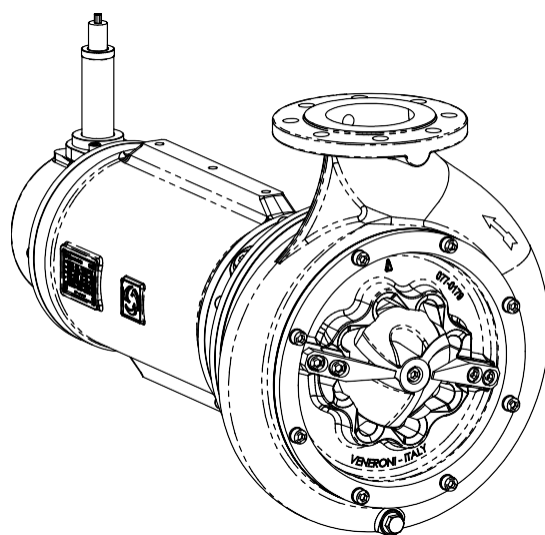
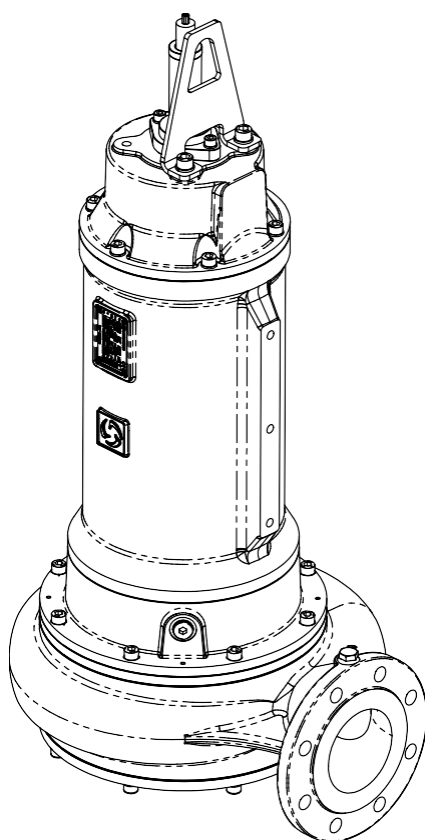


RSE

ELEKTRIČNA POTOPNA PUMPA SA SJEKAČEM ELECTRIC SUBMERSIBLE CHOPPER PUMP

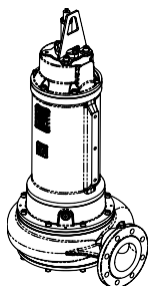


DABAL d.
OPREMA o.

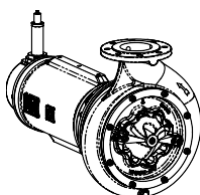


VENERONI
ADVANCED FLUID MOTION

RSE



RSE B



Značajke serije

- Pogon potopnim elektromotorom
- Centrifugalna pumpa
- Dvostruki sustav sjekača s radnim kolom s indukcijskim efektom
- Prijenos u uljnoj kupki s dvostrukom mehaničkom brtvom od silicij-karbida
- Temeljni epoksi premaz i poliuretanska emajlirana boja

Značajke potopnog motora

- Asinkroni trofazni električni motor s kaveznom rotorom
- Stupanj zaštite IP68
- Izolacija klase F
- Maksimalna dubina uranjanja 10 m
- Maksimalna temperatura tekućine 40°C
- pH tekućine 5 ÷ 12
- Neprekidan rad (S1)
- Pogodno za korištenje s inverterima
- Dvije toplinske sonde umetnute u namotaj statora
- Sonda za vlažnost
- LITEC (Električni uređaj za nadzor prodora tekućine i temperature)

Standard features

- Submersible electric motor drive
- Centrifugal pump design
- Double chopping system with inducer effect impeller
- Oil-bath transmission with double silicon carbide mechanical seal
- Painted with epoxy primer and polyurethane enamel

Submersible motor features

- Asynchronous three phase electric motor with squirrel cage rotor
- IP68 protection
- F class insulation
- Max submergence depth: 10 m
- Max temperature of pumped liquid: 40°C
- Liquid pH: 5 ÷ 12
- Continuous motor service (S1)
- Suitable for use with inverter
- N.2 thermal probes inserted into the stator winding
- Humidity probe
- LITEC (electrical liquid infiltration and temperature monitoring device)

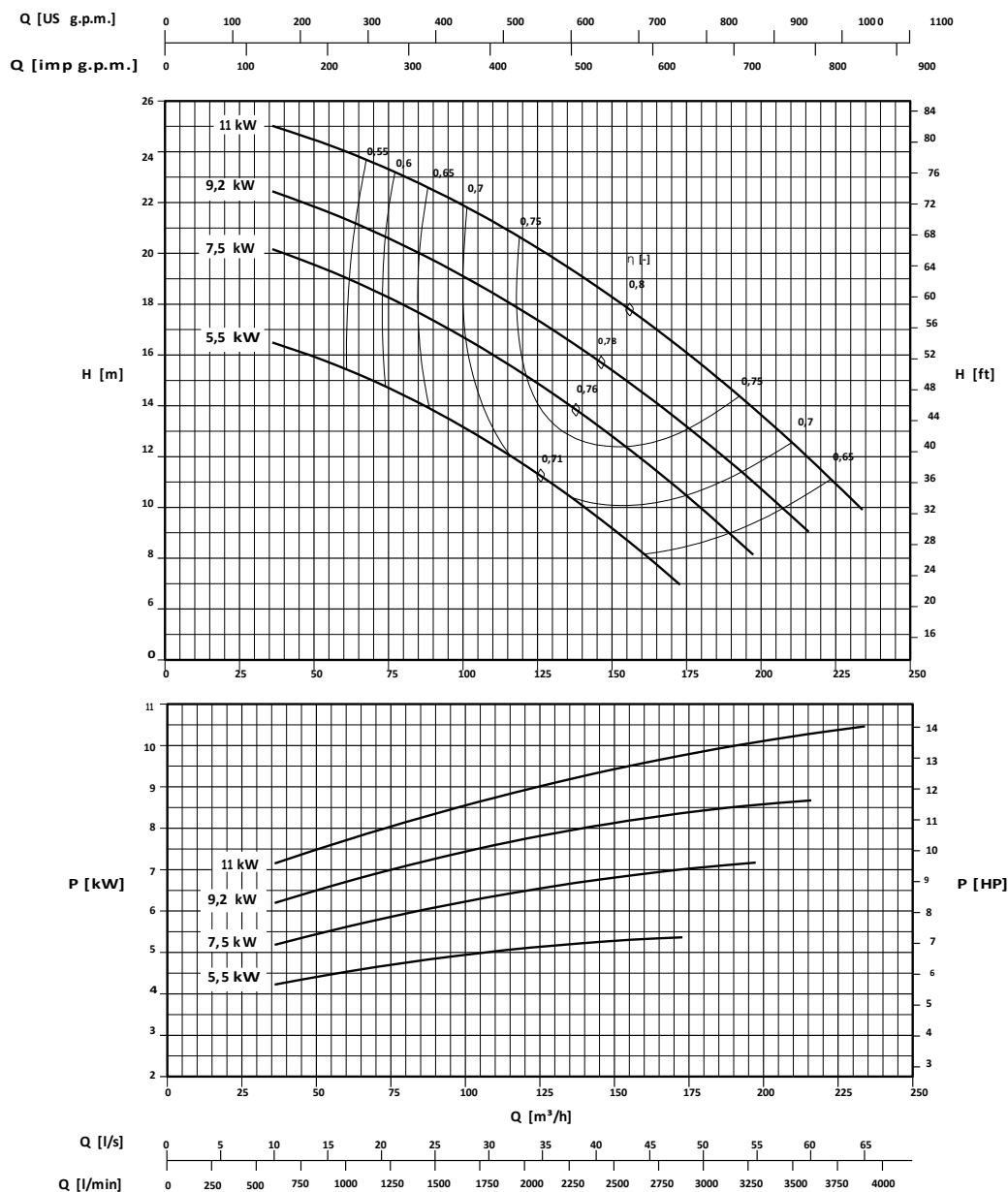
Značajke trofaznih motora - 50 Hz - 400 V ±10%

Three fase motor features - 50 Hz - 400 V ±10%

Model Type	Snaga Power [kW]	Napon Voltage [V]	Struja Absorption [A]	Br. polova N. poles	o/min RPM	Br. žica N. wires	Duljina žica Wire length [m]	Pokretanje Start	
								Izravno Direct	Y - Δ
RSE 100-M1-5.5	5,5	400/690	11,4/6,6	4	1410	7G4 + 4X1	10	Δ	Y - Δ
RSE 100-M1-7.5	7,5	400/690	15,3/8,9	4	1425	7G4 + 4X1	10	Δ	Y - Δ
RSE 100-M1-9.2	9,2	400/690	19,2/11,1	4	1435	7G4 + 4X1	10	Δ	Y - Δ
RSE 100-M1-11	11	400/690	24/13,9	4	1450	7G4 + 4X1	10	Δ	Y - Δ

Radne značajke

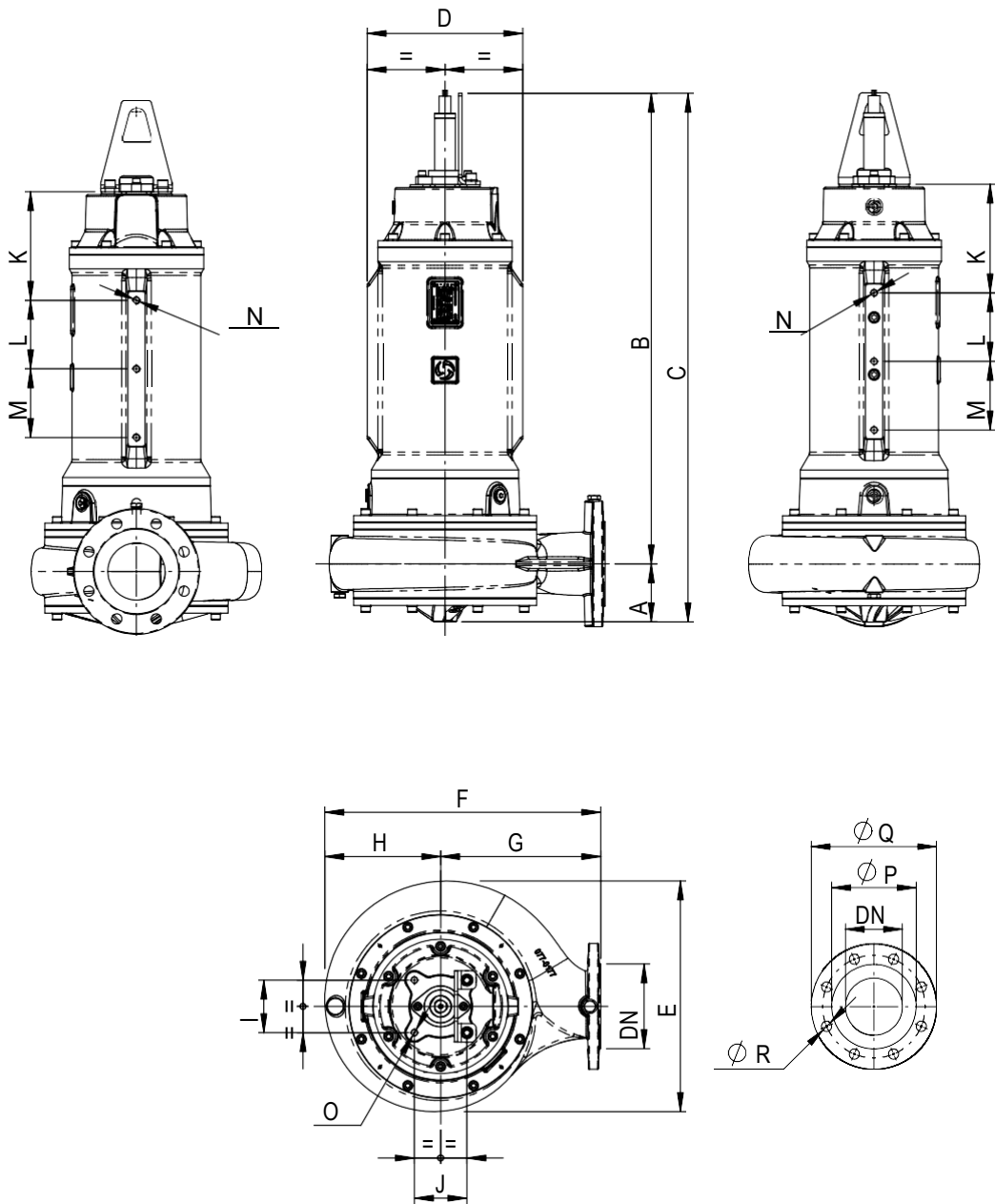
Operating features



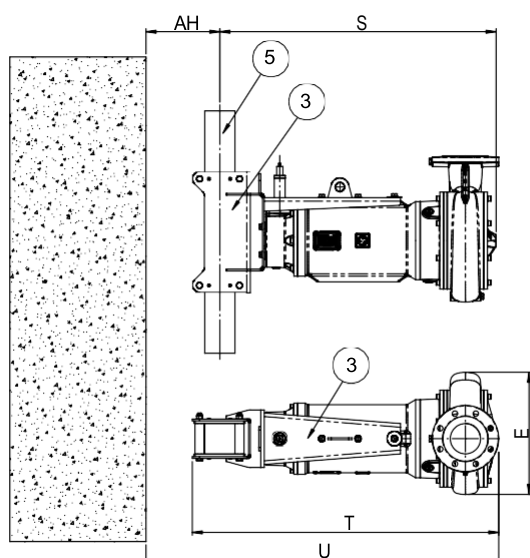
Model Type	o/min RPM	P [kW]	l/s	10	15	20	25	30	35	40	45	50	55	60	65	Slobodan prolaz Free passage [Ø - mm]
			l/min	600	900	1200	1500	1800	2100	2400	2700	3000	3300	3600	3900	
			m3/h	36	54	72	90	108	126	144	162	180	198	216	234	
			US gpm	158	238	317	396	475	554	634	713	792	871	950	1030	
			Imp gpm	132	198	264	330	396	462	528	594	660	726	792	858	
RSE 100-M1-5.5	1450	5,5	Hm [m]	16,5	15,8	14,9	13,8	12,6	11,2	9,7	8	6,2				42
			P [kW]	4,2	4,5	4,7	4,9	5	5,1	5,3	5,3	5,4				
RSE 100-M1-7.5	1450	7,5	Hm [m]	20,2	19,4	18,4	17,4	16,2	14,8	13,3	11,7	10	8,1			42
			P [kW]	5,2	5,5	5,8	6,1	6,3	6,6	6,8	6,9	7,1	7,2			
RSE 100-M1-9.2	1450	9,2	Hm [m]	22,4	21,7	20,8	19,7	18,6	17,3	15,9	14,4	12,7	10,9	9		42
			P [kW]	6,2	6,6	6,9	7,3	7,6	7,8	8,1	8,3	8,4	8,6	8,7		
RSE 100-M1-11	1450	11	Hm [m]	25	24,3	23,5	22,5	21,4	20,1	18,8	17,3	15,6	13,8	11,9	9,9	42
			P [kW]	7,1	7,6	8	8,4	8,7	9	9,3	9,6	9,9	10,1	10,3	10,5	

Krivulje za tekućine gustoće 998 kg/m³ - Viskoznost 1 mm²/s na temperaturi od 20 °C - Tolerancije performansi prema UNI EN ISO 9906-2012 - Razred 2B
Curves tested on liquid density 998 kg/m³ - Viscosity 1 mm²/s at temperature 20 °C - Performance tolerances according to UNI EN ISO 9906-2012 - Grade 2B

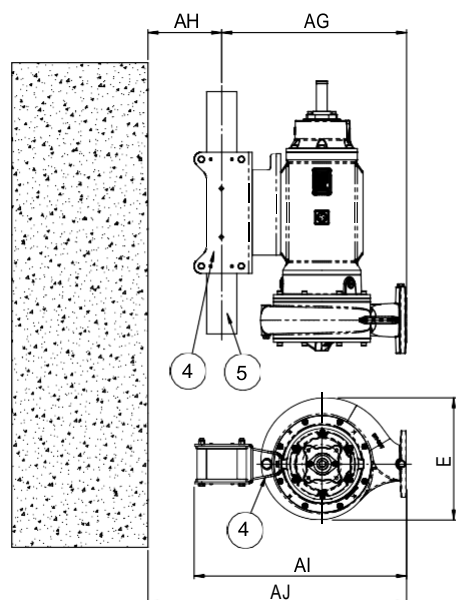
Dimenzije
Dimensions



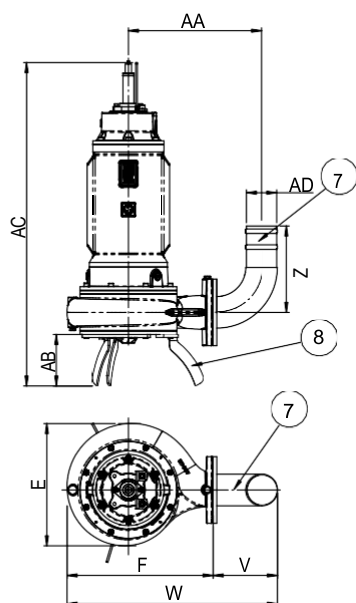
Model Type	Dimenzije Dimensions [mm]																Težina Weight [kg]			
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Prirubnica Flange				
																DN		P	Q	R
RSE 100-M1-5.5	102	825	926	272	403	483	280	203	92	92	190	120	120	N.3 - M12	N.4 - M12	100	148	220	N.8 - Ø18	140
RSE 100-M1-7.5																				145
RSE 100-M1-9.2																				150
RSE 100-M1-11																				155


Horizontalna ugradnja
 Horizontal installation

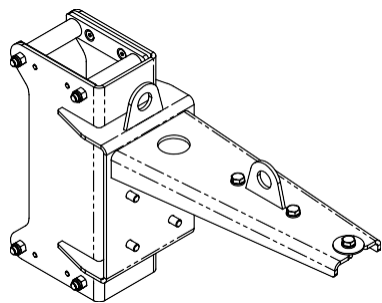
Model Type	Dimenzije Dimensions [mm]				
	E	S	T	U	AH
RSE 100-M1-5.5B÷11E	403	913	1013	1165	244


Vertikalna ugradnja
 Vertical installation

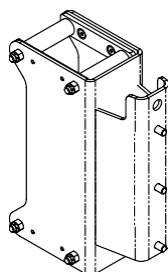
Model Type	Dimenzije Dimensions [mm]				
	E	AG	AH	AI	AJ
RSE 100-M1-5.5÷11	403	611	244	702	855


Vertikalna ugradnja s potpornom nogom
 Vertical installation with support foot

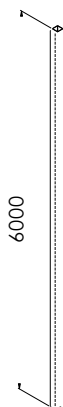
Model Type	Dimenzije Dimensions [mm]								
	E	F	V	W	Z	AA	AB	AC	AD
RSE 100-M1-5.5÷11	403	483	213	695	286	440	170	1068	100



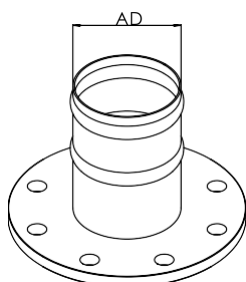
Br.	Model Type	Šifra Code	Opis Description
3	RSE 100-M1-5.5÷11B	G08-0197	Klizni horizontalni nosač AISI 304L Horizontal sliding support AISI 304L



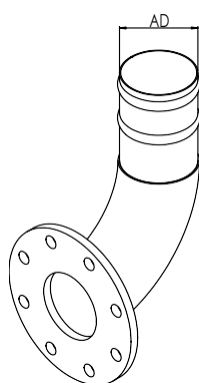
Br.	Model Type	Šifra Code	Opis Description
4	RSE 100-M1-5.5÷11	G08-0212	Klizni vertikalni nosač AISI 304L Vertical sliding support AISI 304L



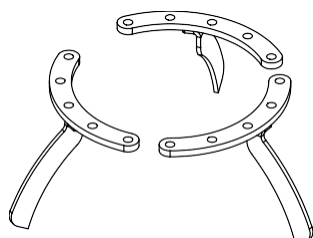
Br.	Model Type	Dim. [mm]	Šifra Code	Opis Description
5	RSE 100-M1-5.5÷11	100x100x4	032-0573	Vodilica za komplet za podizanje spremnika dubine do 5 metara AISI 304 Rail pipe for lifting kit for tank depth up to 5 metres AISI 304



Br.	Model Type	AD [mm]	Šifra Code	Opis Description
6	RSE 100-M1-5.5÷11	100	159-0096	Komplet držača crijeva s prirubnicom s brtvom i vijcima AISI 304L Kit hose connector with flange with gasket and bolts AISI 304L



Br.	Model Type	AD [mm]	Šifra Code	Opis Description
7	RSE 100-M1-5.5÷11	100	159-0097	Komplet priključaka za crijevo s koljenom od 90° i priрубnicom s brtvom i vijcima AISI 304L Kit hose connector with elbow 90° and flange with gasket and bolts AISI 304L



Br.	Model Type	Šifra Code	Opis Description
8	RSE 100-M1-5.5÷11	G07-0034	Komplet vertikalnih potpornih noža AISI 304L Kit vertical support foot AISI 304L