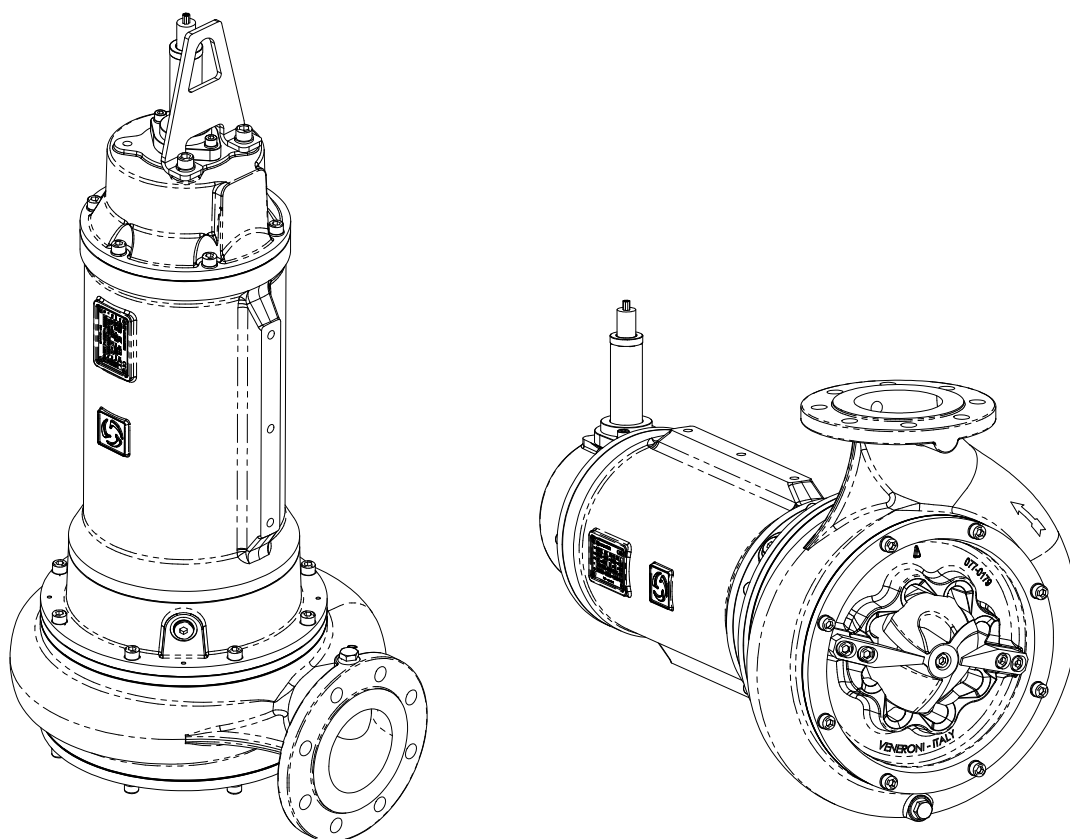


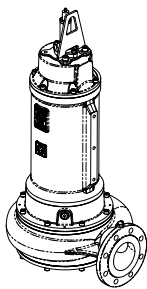
RSE

POMPA TRITURATRICE SOMMERGIBILE ELETTRICA ELECTRIC SUBMERSIBLE CHOPPER PUMP

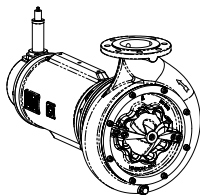


VENERONI
ADVANCED FLUID MOTION

RSE



RSE B



Caratteristiche di serie

- Azionamento con motore elettrico sommergibile
- Idraulica centrifuga
- Doppio sistema di triturazione con girante ad effetto inducer
- Trasmissione in bagno d'olio con doppia tenuta meccanica in carburo di silicio
- Verniciatura con fondo epossidico e smalto poliuretanico

Caratteristiche motore sommergibile

- Motore elettrico asincrono con rotore a gabbia di scoiattolo
- Grado di protezione IP68
- Isolamento classe F
- Max profondità di immersione 10 m
- Max temperatura liquido 40°C
- pH liquido 5 ÷ 12
- Servizio continuo (S1)
- Idoneo all'utilizzo con inverter
- N°2 sonde termiche inserite nell'avvolgimento statorico
- Sonda umidità
- LITEC (dispositivo per controllo elettrico infiltrazione liquidi e della temperatura)

Standard features

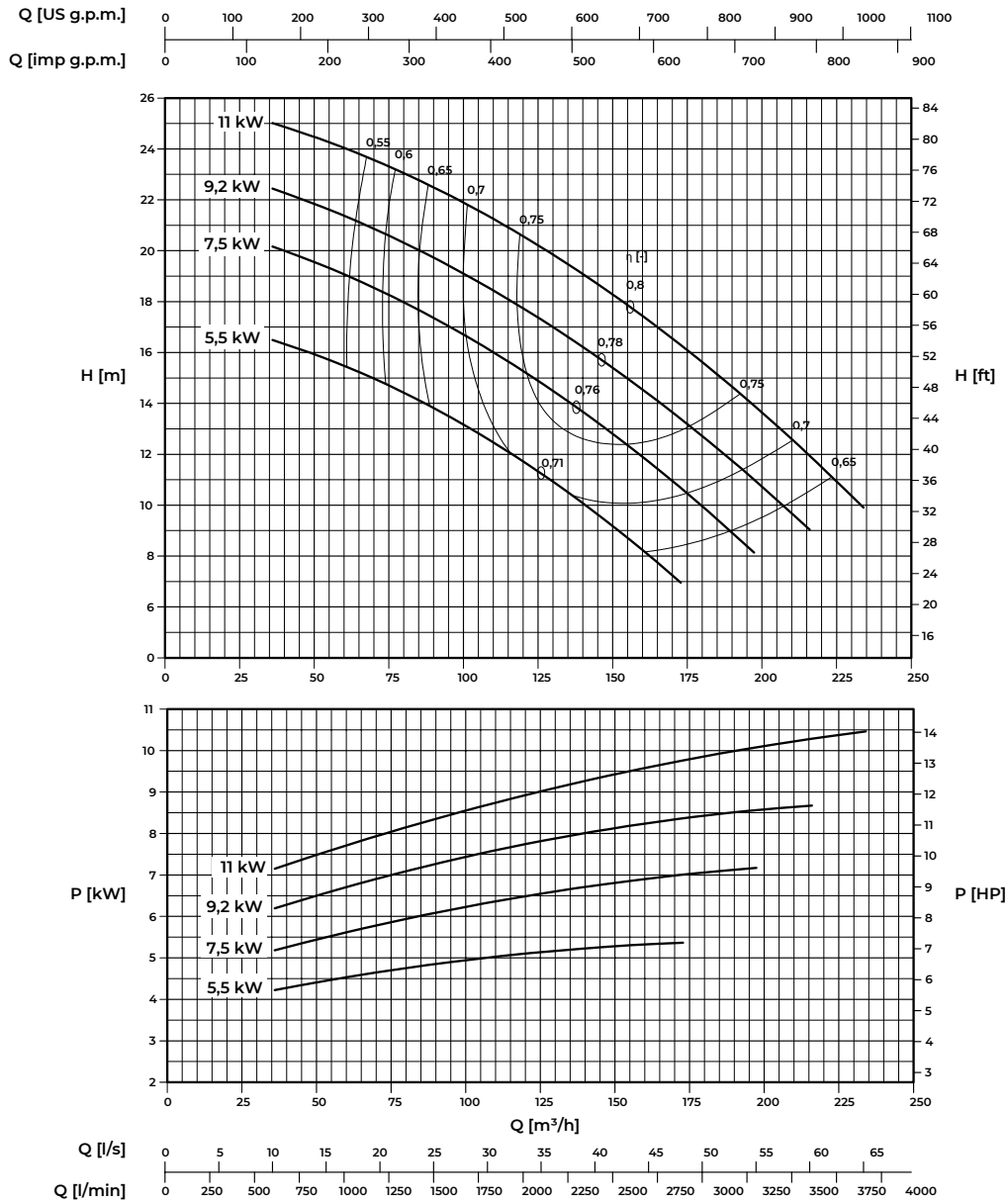
- Submersible electric motor drive
- Centrifugal pump design
- Double chopping system with inducer effect impeller
- Oil-bath transmission with double silicon carbide mechanical seal
- Painted with epoxy primer and polyurethane enamel

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)

Caratteristiche motori trifase - 50 Hz - 400 V ±10%									
Three fase motor features - 50 Hz - 400 V ±10%									
Modello Type	Potenza Power [kW]	Tensione Voltage [V]	Assorbimento Absorption [A]	N. poli N. poles	Giri/Min RPM	N. conduttori cavo N. wires	Lunghezza cavo Wire length [m]	Avviamento Start	
								Diretto 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

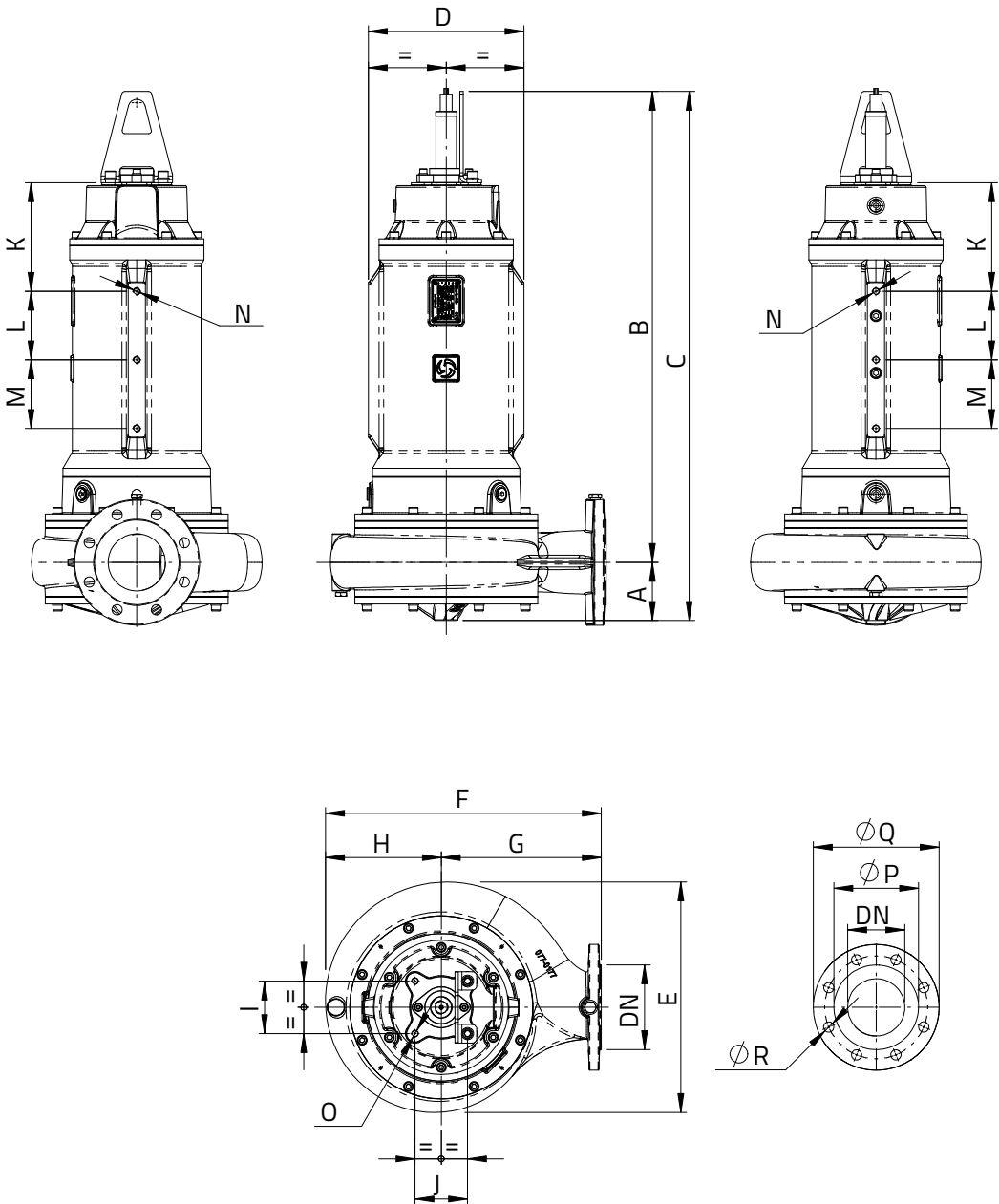
Caratteristiche di funzionamento
Operating features



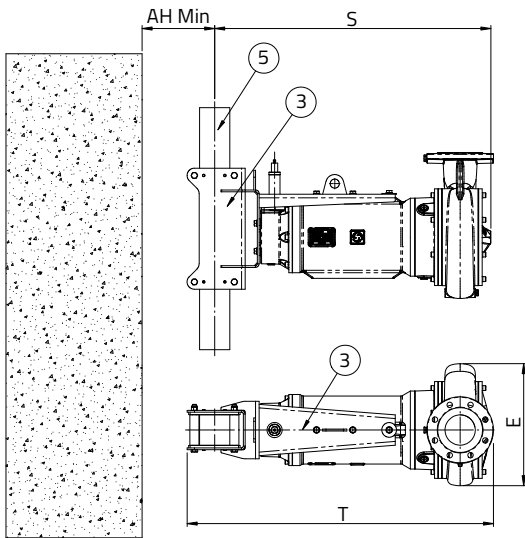
Modello Type	Giri/Min RPM	P [kW]	l/s	10	15	20	25	30	35	40	45	50	55	60	65	Passaggio libero Free passage [Ø - mm]
			l/min	600	900	1200	1500	1800	2100	2400	2700	3000	3300	3600	3900	
			m3/h	36	54	72	90	108	126	144	162	180	198	216	234	
			US gpm	158	238	317	396	475	554	634	713	792	871	950	1030	
			Imp gpm	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	

Curve per liquidi aventi densità 998 kg/m³ - Viscosità 1 mm²/s alla temperatura di 20°C - Tolleranze sulle prestazioni secondo norma UNI EN ISO 9906-2012 - Grado 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

Dimensioni
Dimensions

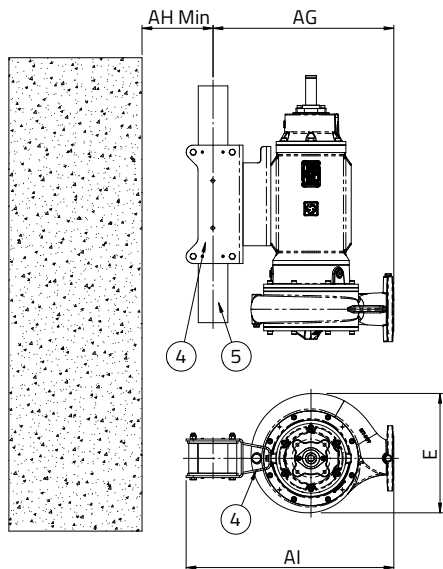


Modello Type	Dimensioni Dimensions [mm]																Peso Weight [kg]			
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Flangia Flange				
																DN		P	Q	R
RSE 100-M1-5.5	102	825	926	272	403	483	280	203	92	92	190	120	120	N.3 - M12	N.4 - M12	100	148	220	N.8 - Ø18	140
RSE 100-M1-7.5																				145
RSE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



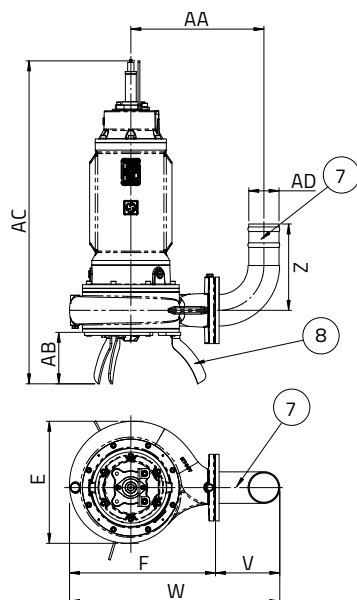
Installazione orizzontale
Horizontal installation

Modello Type	Dimensioni Dimensions [mm]			
	E	S	T	AH Min
RSE 100-M1-5.5B÷11B	403	913	1013	240



Installazione verticale
Vertical installation

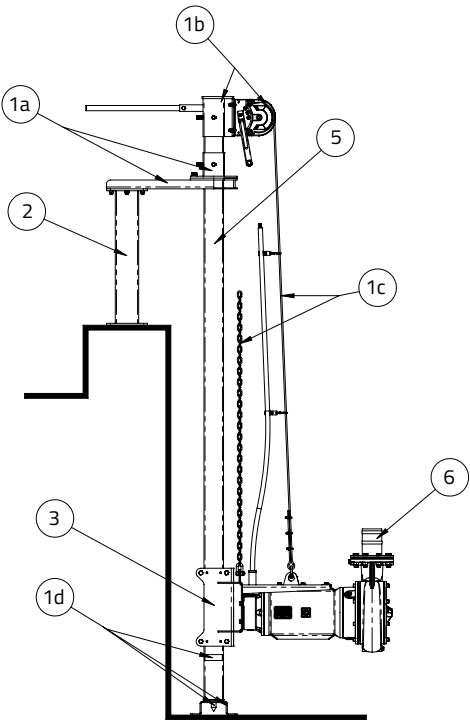
Modello Type	Dimensioni Dimensions [mm]			
	E	AG	AH Min	AI
RSE 100-M1-5.5÷11	403	611	240	702



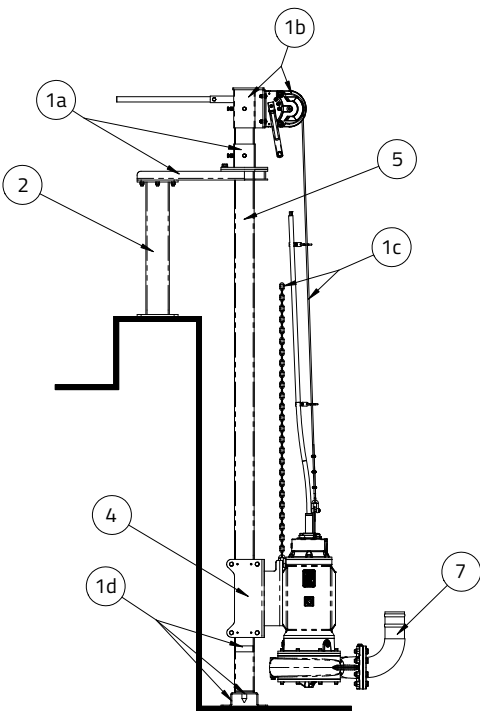
Installazione verticale con piede d'appoggio
Vertical installation with support foot

Modello Type	Dimensioni 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

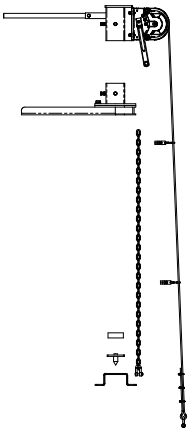
Schema installazione orizzontale
Horizontal installation diagram



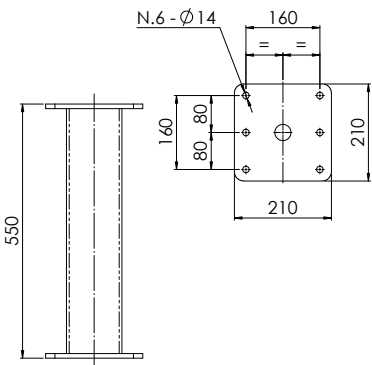
Schema installazione verticale
Vertical installation diagram



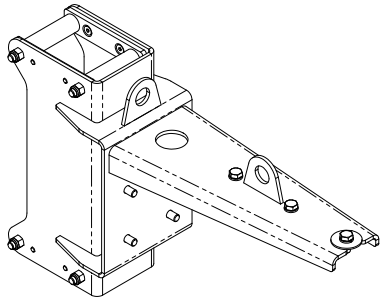
Accessori
Accessories



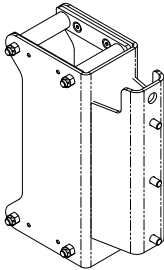
Pos.	Modello Type	Codice Code	Descrizione Description
1a	RSE 100-M1-5.5÷11	159-0094	Kit sollevamento completo senza piantone e tubo guida con piastra e verricello zincati Complete lifting kit without spacer and rail pipe with plate and winch galvanized
1b			
1c			
1d			
1a	RSE 100-M1-5.5÷11	159-0099	Kit sollevamento completo senza piantone e tubo guida con piastra e verricello AISI 304L Complete lifting kit without spacer and rail pipe with plate and winch AISI 304L
1b			
1c			
1d			



Pos.	Modello Type	Codice Code	Descrizione Description
2	RSE 100-M1-5.5÷11	G27-0114	Piantone per kit sollevamento zincato Spacer for lifting kit galvanized
2	RSE 100-M1-5.5÷11	G27-0113	Piantone per kit sollevamento AISI 304L Spacer for lifting kit AISI 304L



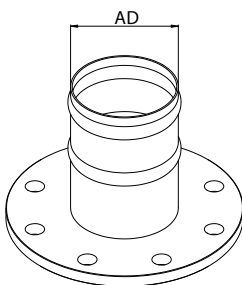
Pos.	Modello Type	Codice Code	Descrizione Description
3	RSE 100-M1-5.5+11B	G08-0197	Supporto orizzontale scorrevole AISI 304L Horizontal sliding support AISI 304L



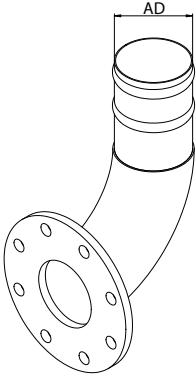
Pos.	Modello Type	Codice Code	Descrizione Description
4	RSE 100-M1-5.5+11	G08-0212	Supporto verticale scorrevole AISI 304L Vertical sliding support AISI 304L

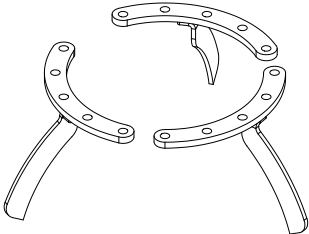


Pos.	Modello Type	Dim [mm]	Codice Code	Descrizione Description
5	RSE 100-M1-5.5+11	100x100x4	032-0573	Tubo guida per kit sollevamento per profondità vasca fino a 5 metri AISI 304 Rail pipe for lifting kit for tank depth up to 5 metres AISI 304



Pos.	Modello Type	AD [mm]	Codice Code	Descrizione Description
6	RSE 100-M1-5.5+11	100	159-0096	Kit portagomma con flangia con guarnizione e bulloneria AISI 304L
6	RSE 100-M1-5.5+11	120	159-0103	Kit hose connector with flange with gasket and bolts AISI 304L

	Pos.	Modello Type	AD [mm]	Codice Code	Descrizione Description
	7	RSE 100-M1-5.5÷11	100	159-0097	Kit portagomma con curva 90° e flangia con guarnizione e bulloneria AISI 304L Kit hose connector with elbow 90° and flange with gasket and bolts AISI 304L
	7	RSE 100-M1-5.5÷11	120	159-0104	

	Pos.	Modello Type	Codice Code	Descrizione Description
	8	RSE 100-M1-5.5÷11	G07-0034	Kit piede di appoggio verticale AISI 304L Kit vertical support foot AISI 304L