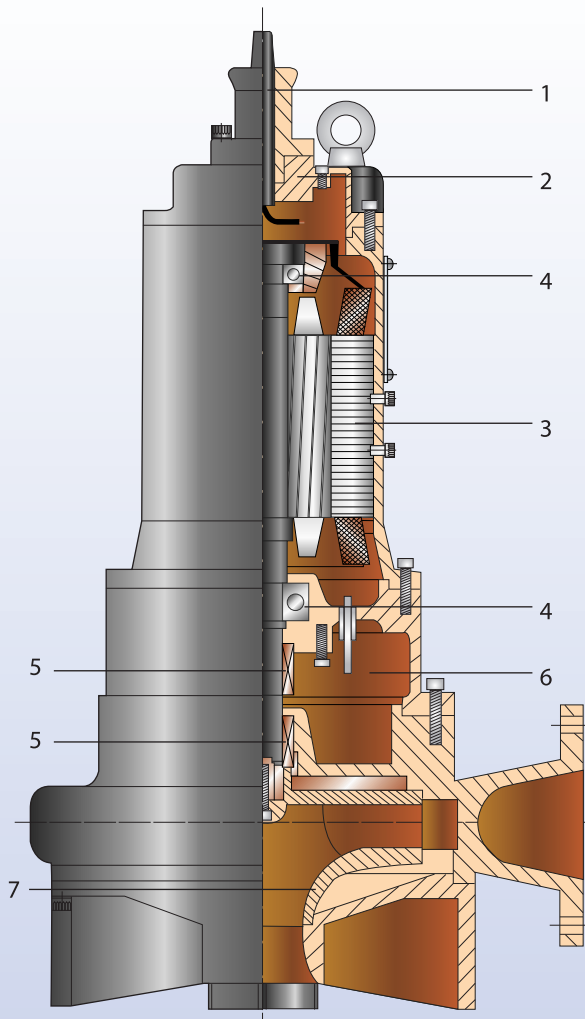


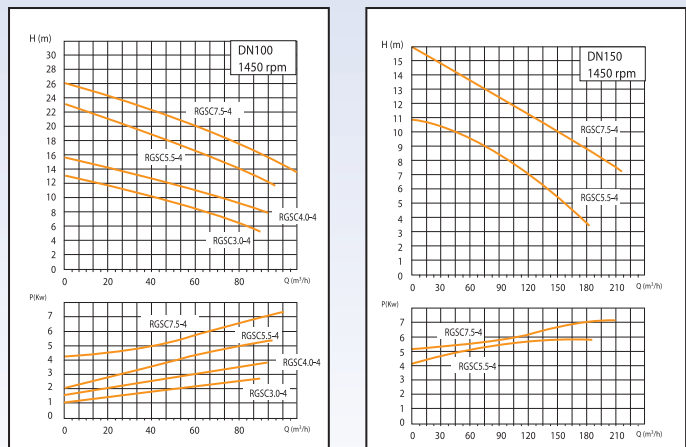
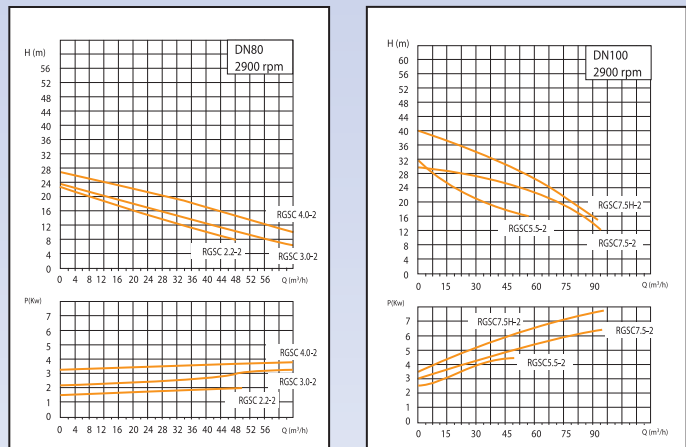
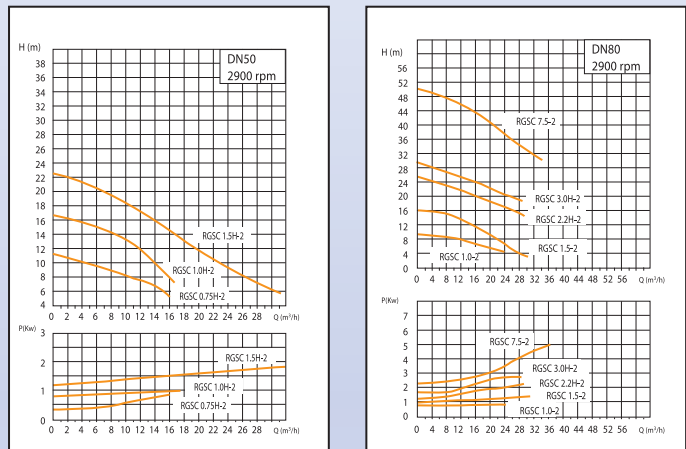


**SUBMERSIBLE
SEWAGE PUMPS**



1. Water-tight cable joint with cable sleeve and strain relief.
2. Built-in terminal box with an integrated circuit for connection to float switch, thermal overload protection, humidity sensor for seal leakage etc.
3. Motor - IP68, class F (155 C), thermal sensors embedded in stator windings.
4. Bearings - quality bearings to ensure long term operation.
5. Mechanical Seal - strong, abrasion resistant double mechanical seal with super hard faces silicon carbide combinations. Smaller pumps are supplied with mechanical seal/ lip seal.
6. Oil chamber - filled with oil for lubrication and cooling. Humidity sensor may be installed to detect seal leakage.
7. RGSC series with open / semi-open impeller and a hardened cutting edge to enable cutting of fibrous materials, weeds, solids to prevent clogging. RGSK series are equipped with grinder to cut the sewage before entering the impeller.

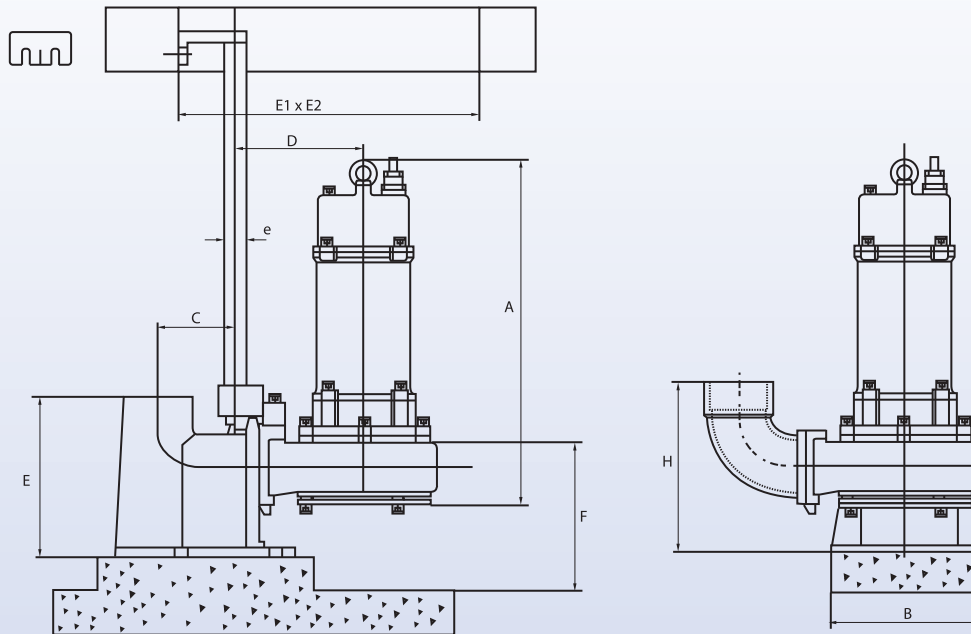
PERFORMANCE CURVE (RGSC SERIES)



SPECIFICATIONS

Discharge Diameter		32 - 150mm
Pumped Fluid	Temperature	0 to 40 °C
	pH	5 to 9
	Medium	Waste water, sewage, industrial waste.
	Maximum depth	10m
Solid content		< 10% (by weight)
Material of Construction	Casing	Cast iron
	Impeller	Cast iron / Stainless Steel
	Rotor shaft	Stainless Steel
	Fasteners	Stainless Steel
	Mechanical Seal	Silicon carbide / Tungsten carbide

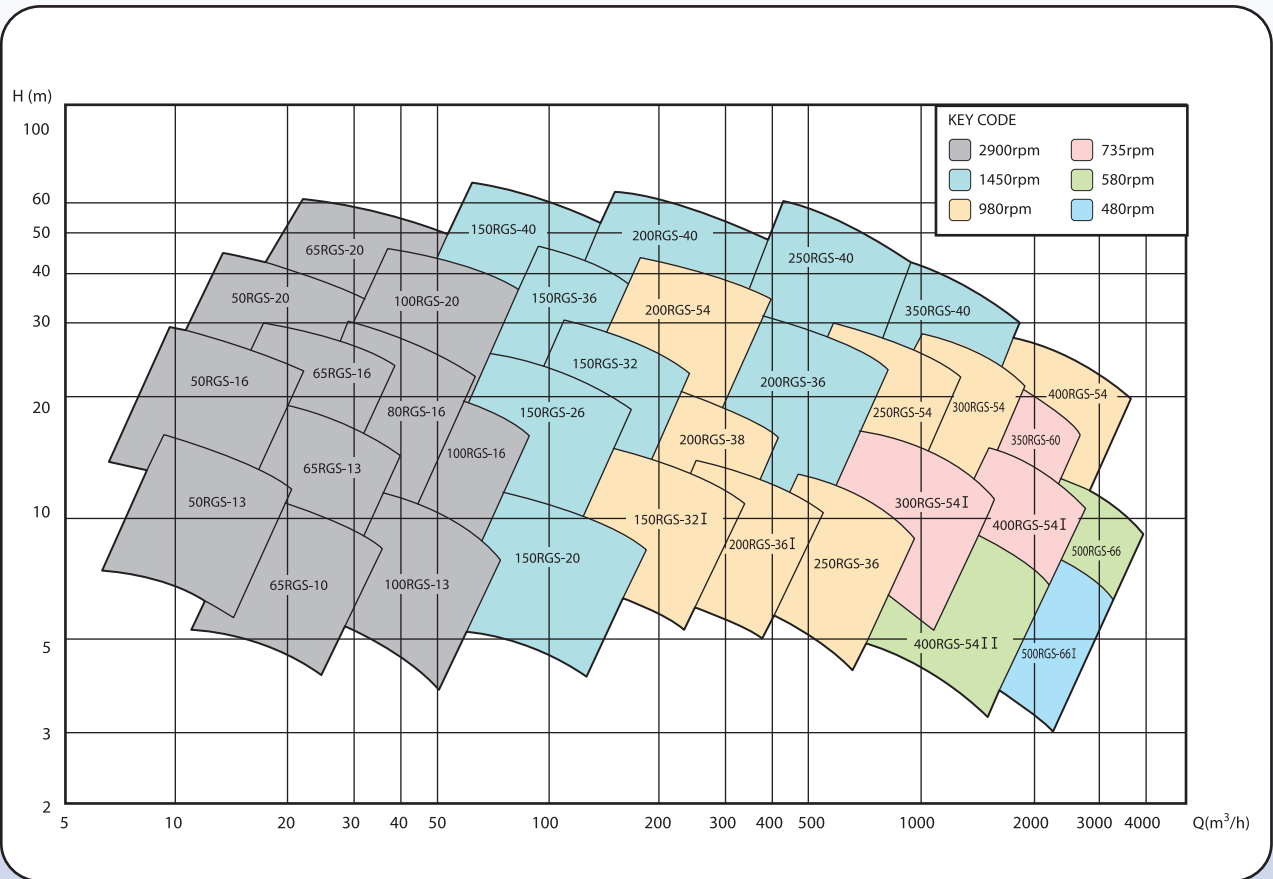
INSTALLATION DIMENSIONS (mm)



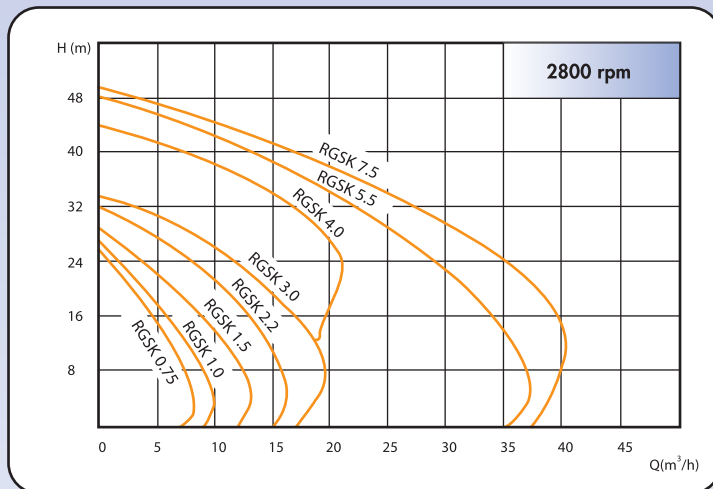
MODEL	A	B	C	D	E	H	F	e	E1 x E2 (min)	Free Solid Passage	Weight (kg)
50RGSC0.75H-2	515	195	75	170	175	175	185	3/4"	500 x 500	25	33
50RGSC1.0H-2	550	220	75	170	175	200	185	3/4"	500 x 500	25	33
50RGSC1.5H-2	585	220	75	170	175	200	185	3/4"	500 x 500	25	35
80RGSC1.0	550	240	120	205	240	200	200	1"	500 x 500	30	33
80RGSC1.5	585	240	120	205	240	235	200	1"	500 x 500	30	35
80RGSC2.2	615	240	120	205	240	250	200	1"	500 x 500	40	45
80RGSC3.0	615	240	120	205	240	250	200	1"	500 x 500	40	45
80RGSC4.0	695	240	120	205	240	285	200	1"	500 x 500	40	65
100RGSC5.5-4	915	450	238	326	385	526	450	2"	500 x 700	50	200
100RGSC7.5-4	915	450	238	326	385	526	450	2"	500 x 700	50	200
100RGSC5.5	915	450	238	326	385	526	450	2"	500 x 700	50	165
100RGSC7.5	915	450	238	326	385	526	450	2"	500 x 700	50	185
150RGSC5.5-4	970	450	310	450	435	572	335	2"	500 x 700	70	180
150RGSC7.5-4	970	450	310	450	435	572	335	2"	500 x 700	70	200
50RGSK0.75	515	185	84	170	175		185	3/4"	500 x 500	25	30
50RGSK1.0	515	185	84	170	175		185	3/4"	500 x 500	25	32
50RGSK1.5	515	185	84	170	175		185	3/4"	500 x 500	25	33
50RGSK2.2	850	250	85	355	248		185	3/4"	500 x 500	30	52
50RGSK3.0	850	250	85	355	248		185	3/4"	500 x 500	30	52
50RGSK4.0	850	250	85	355	248		185	3/4"	500 x 500	30	75
80RGSK5.5	850	450	105	370	300		200	1"	500 x 500	40	150
80RGSK7.5	850	450	105	370	300		200	1"	500 x 500	40	160

All the pumps can be installed in fixed wet installation with duck foot pedestal or free standing. The guide rail fitting system is recommended for all fixed position pumping stations. The pump slides down the duck foot pedestal along the guide rail and automatically positioned. It is convenient to carry out routine maintenance and servicing without having to go into the sump.

RGS SERIES



RGSK SERIES



CONSTRUCTION

RGS series submersible pumps are constructed of rugged cast iron for sewage and waste water applications. Designed with non-clog semi-open / open impeller with large free solid passage. Models with hardened steel cutter or grinder are also suitable for waste water and sewage containing solids and fibrous materials.

APPLICATIONS

- Drainage of sewage from industry, factories, septic tanks and stock farm.
- Drainage of waste water from basement, hotels, underground garages.
- Pumping sewage and effluent from schools, hospitals, municipals, restaurants, flood control, construction sites etc.

For enquiries, please contact :