

KRTU

Submersible Motor Pump



Operating data

Characteristic		Value
Size	DN	65 and DN 100
Flow rate	Q [m ³ /h]	up to 200 m ³ /hr
Head	H [m]	up to 24 m
Fluid temperature	T [°C]	up to 70°C
Operating pressure	p ₂ [bar] ²⁾	≤ 100 ¹⁾

Applications

KRTU pumpsets are used for handling all kinds of waste water in :

Municipal sector

- Pumping stations : Untreated domestic sewage
- Hotels, Subways & Airports : Faeces, mixed liquor, eatables etc.
- Lifting stations : Storm water
- Sewage works (Treatment plants) : Grit trap pumping, raw sludge, activated sludge, digested sludge

Industrial sector

- Iron & Steel : Raw water, sinter water, cooling water with solids, scrubber liquor
- Cellulose, Paper : Process water
- Manufacturer of insulation materials : Process water with glass wool, Asbestos fibre
- Mechanical engineering : Cutting oil
- Chemical : All kinds of effluents
- Sugar : Sugarcane tails, wash water etc.
- Food processing : Transportation of tomatoes etc.
- Sea water, Industrial water : Sandy water, Waste water
- Refinery : Hydrocarbons (Oil, Gasoline, Butane, Methane etc.)

Materials

Part Name	KRTU 65	KRTU 100
Pump casing	C.I.	C.I.
Impeller	C.I.	C.I.
Shaft	Carbon steel	Carbon steel
Motor casing	C.I.	C.I.
Shaft protection sleeve	–	Stainless steel
Guide rope	Stainless steel	Stainless steel