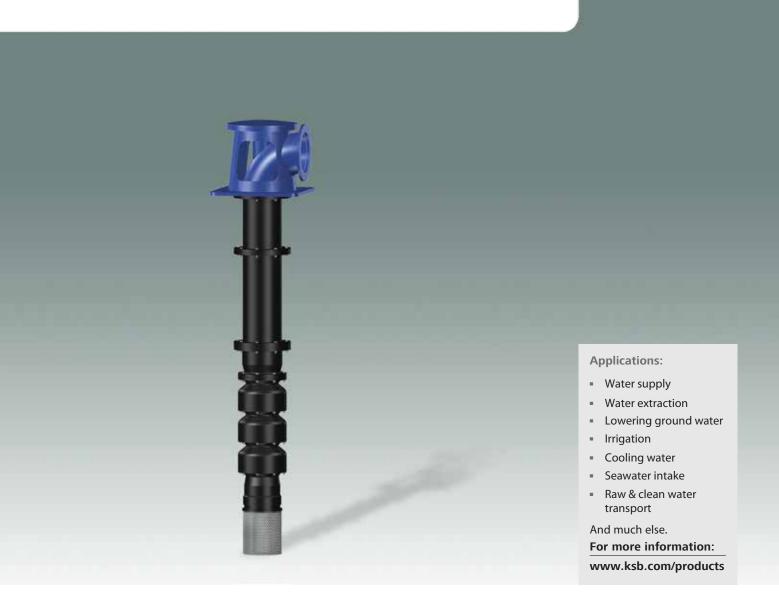
Pumps • Valves • Service



DWT (B-Pump) - Deep Well Turbine Pump



Your contact:

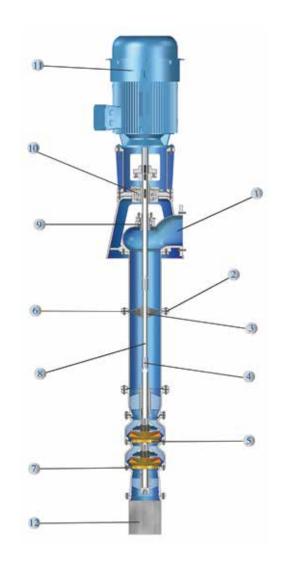
DWT (B-Pump) - Deep Well Turbine Pump

- One discharge elbow for all design variants.
- Flanged column pipe, diameter smaller than nominal well diameter.
- **Guiding bushes of shaft assembly** made of rubber, product lubricated, without spacer sleeve.
- 4 Thread coupling to connect shafts.
- Impellers fastened to the shaft with tapered locking sleeves for easy dismantling.
- 6 **Bearing spider** to align intermediate shafts.
- Wear ring made of bronze and cast steel easy to replace, prevents wear on casing and impeller.
- Shaft assembly made of stainless steel or carbon steel.
- 9 Shaft sealing gland packing, option of mechanical seal also available.
- 10 Thrust bearing for a very long service life.
- **Different drive option** available on request VHS, VI Motor Gear head, pulley drives.
- 12 Suction strainer.

Mate	rials	of C	onst	ruction

Part/Component	Material
Suction piece, discharge piece, intermediate bowl, discharge head, spider	Grey cast iron
Wear ring	Grey cast iron/Bronze
Impeller	Tin bronze
Bearing sleeve	Pb Sn Bz 15
Pump shaft, pump shaft coupling column shaft	Steel/Stainless steel
Rubber bearing	St/Rub/Thordon
Motor stool	RSt 37 - 2
Column pipe	ASTM A53

^{*}Other materials upon request (Stainless steel, Ni-resist, Duplex)



Operating Data

- p	
Flow rate	Up to 2600m³/hr
Head	Up to 160 m
Pressure	Up to 16 bar
Temperature	Up to 105 ℃
Suspended depth	Up to 120 m
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Drives

DWT Pumps are driven either by the vertical hollow/solid shaft electric motor or a diesel (IC) engine. If an IC engine is used as the drive, transmission can be affected via bevel gears. A torsionally flexible cardan shaft is fitted as a coupling in this case. The different types of drives are:

••
ET - Vertical hollow shaft motor
V1 - Solid shaft motor through flexible coupling
KT - Diesel engine via bevel gears
EK - Combine drive either by ET or KT
RT- Diesel engine via flat belt

