



Bekenflo

BEST OEM

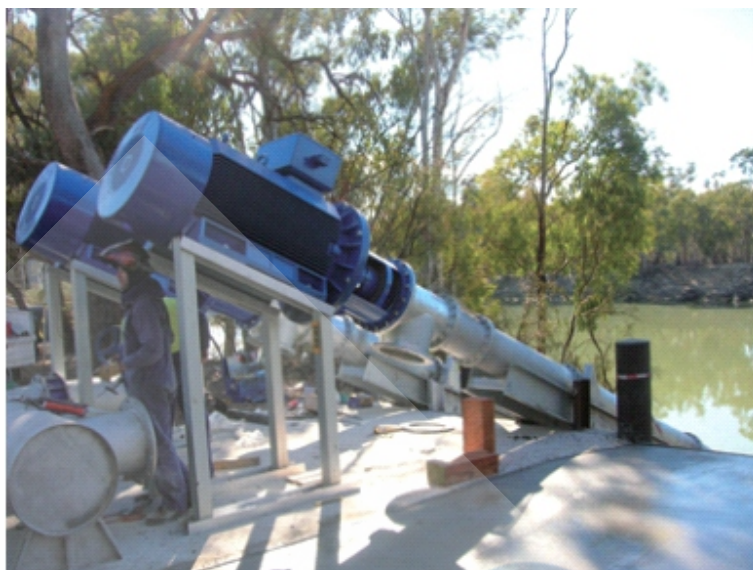
INNOVATION

CATALOGUE 2020

BEL series Line Shaft Deep Well Pump

Applications:

Water supply
Irrigation
Untreated water extraction
Sea water extraction
Flood protection and drainage
Storage Tanks
Industrial Cooling systems
Fire fighting systems
Desalination plants
Power generation
Industrial Applications



SPECIFICATIONS:

Speed: 1475rpm/2875rpm/1770rpm/3450rpm
Capacity: 2400m³/h (900kw/50Hz)
Head: 270m
Max Depth: 210m
Efficiency: 85%
Working Condition: Temperature of water $\leq 115^{\circ}\text{C}$

Application Std : Flange std can be BS,DIN,ISO,etc

Remarks:

We have been OEM for many brands from Europe and USA

Innovation points:

The line shaft deep well pump can be installed as inclined direction.



Constructure:

Water Lubrication

1 Adjusting Nut

Permits exact impeller adjustment for maximum performance.

2 Discharge Head

Heavy-duty head provides maximum accessibility to service packing box assembly. Two piece head shaft is standard.

3 Prelube Connection

4 Column Adapter

Accepts threaded or flanged column.

5 Adjusting Nipple

Threads directly into column adapter. Headshaft stickup set exactly by threading head on column as required.

6 Discharge Bowl Bearing

Bronze.

7 Discharge Bowl

Close grained cast iron.

8 Pump Shaft

Oversized high strength polished stainless steel.

9 Intermediate Bowls

Close grained cast iron. Waterways glass lined for maximum efficiency.

10 Impellers

Silicon bronze, designed for maximum efficiency. Precision balanced for smooth operation.

11 Intermediate Bowl Bearings

Bronze or rubber for long pump life under any well conditions.

12 Lock Collets

Steel construction secures impeller to pump shaft.

13 Sand Collar

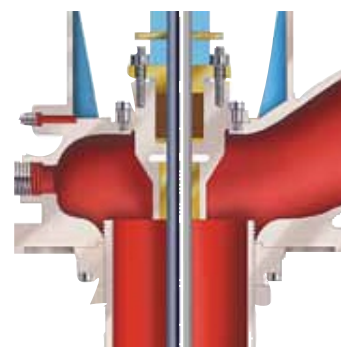
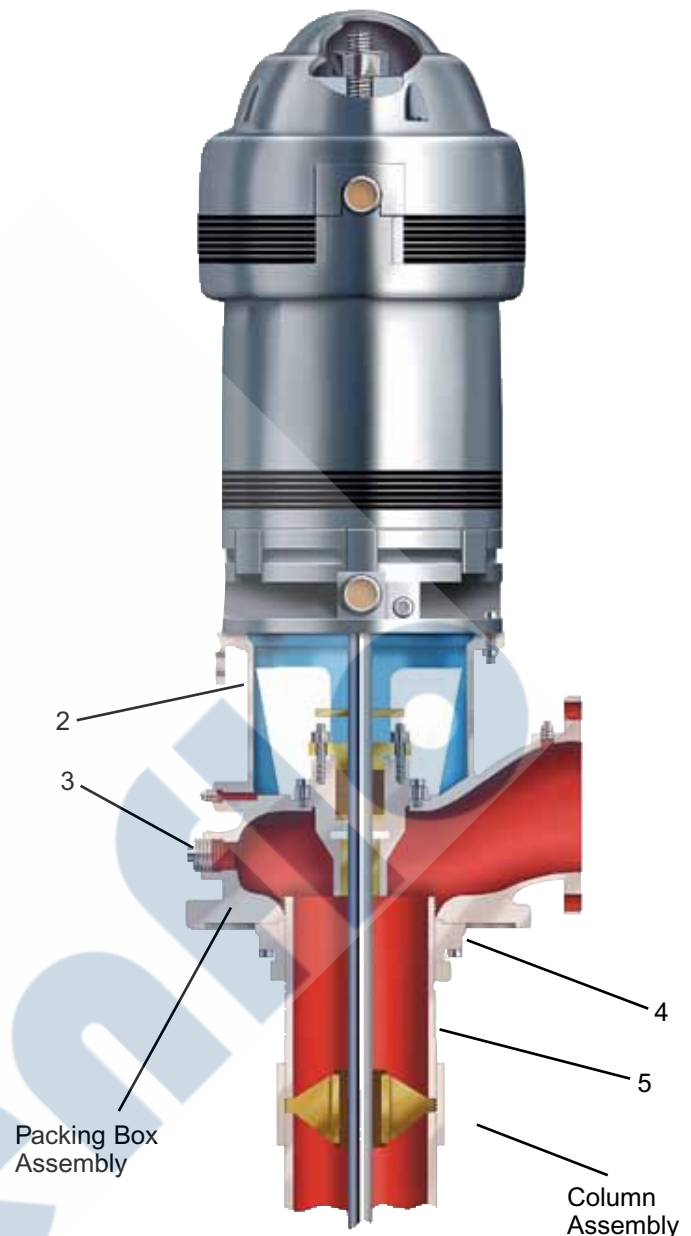
Accurately located at suction bowl bearing to eliminate possible sand buildup.

14 Suction Bowl Bearing

Bronze. Grease packed for long trouble-free life.

15 Tail Pipe or Strainer — Optional

Optional tail pipe cut to desired length for best suction conditions. Strainer provides protection from large solids.

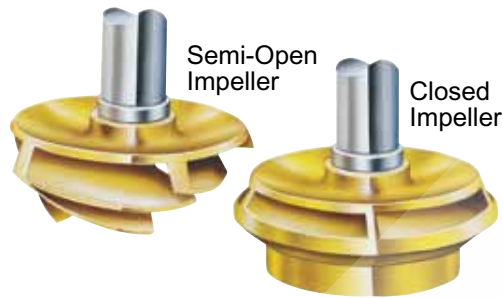


Headshaft
Stainless Steel.

**Bronze Packing
Gland Cast Iron Box**

Throttle Bushing
Extra length bronze for
better shaft support,
longer packing life.

Impellers



Optional Long Lateral
Long lateral adjustment on some models for maximum setting capabilities.



Glass Lined Bowls

Heavy-duty Class 30 cast iron intermediate bowls with standard feature of vitra-glass lined waterways for maximum efficiency and wear protection.



Column Assembly

Lineshaft
High strength steel with chrome spots. Ground and polished for exact bearing fit. Available in carbon steel or stainless steel.

Bearing Retainer
Bronze.

Lineshaft Bearings
Fluted rubber, designed to flush sand and grit rapidly.

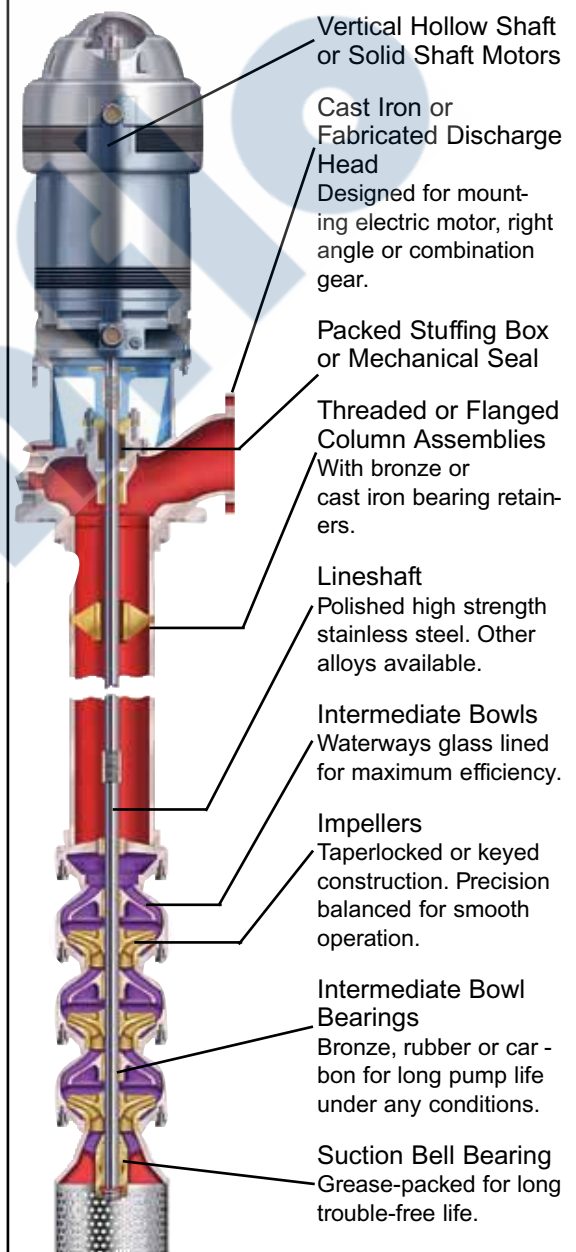
Column Pipe and Couplings
Parallel thread, accurately machined for easy installation, accurate alignment.

Lineshaft Short Set Turbine

- Capacities to 9000 GPM (2043 m³/h)
- Heads to 1400 feet (427 m)

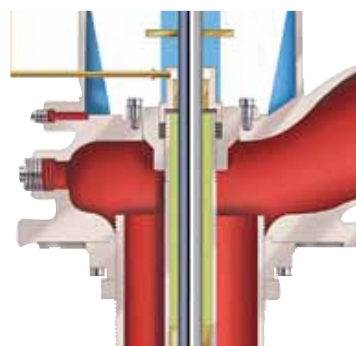
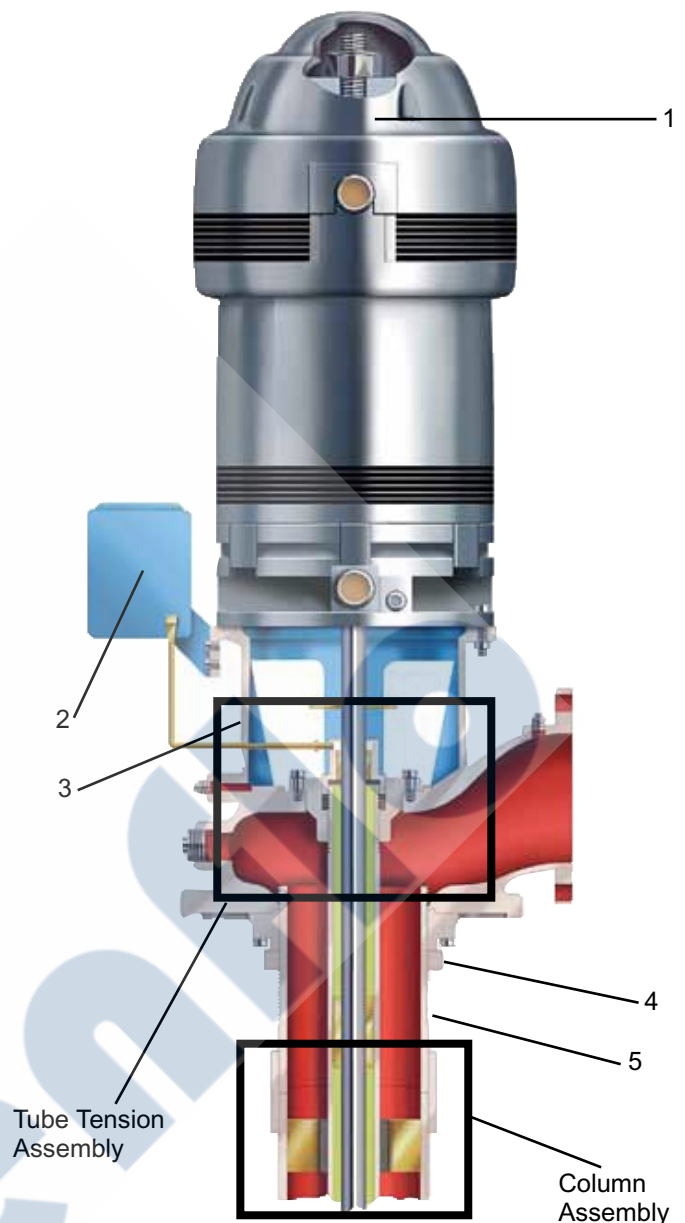
Design Flexibility

Goulds Water Technology offers a wide variety of design options to suit most any short set turbine applications.



Oil Lubrication

- 1 Adjusting Nut**
Permits exact impeller adjustment for maximum performance.
- 2 Large Capacity Manual or Solenoid Oiler**
Assures constant oil supply.
- 3 Discharge Head**
Heavy-duty head provides maximum accessibility to service tube tension assembly. Two piece headshaft is standard.
- 4 Lock Ring**
Positively locks adjusting nipple to discharge head.
- 5 Adjusting Nipple**
Threads directly into column adapter. Headshaft stickup set exactly by threading head on column as required.
- 6 Tube Adapter Bushing**
Bronze.
- 7 Double Bowl Seal — Optional**
Provides positive sealing of developed head.
- 8 Pump Shaft**
Oversized high strength polished stainless steel.
- 9 Discharge Bowl**
Close grained cast iron. Relief ports insure positive bearing lubrication.
- 10 Discharge Bowl Bearing**
Bronze. Close tolerance fit for minimum leakage.
- 11 Impellers**
Silicon bronze. Designed for maximum efficiency. Precision balanced for smooth operation.
- 12 Intermediate Bowls**
Close grained cast iron. Waterways glass lined for maximum efficiency.
- 13 Intermediate Bowl Bearings**
Bronze or rubber for long pump life under any well conditions.
- 14 Lock Collets**
Steel construction secures impeller to pump shaft.
- 15 Sand Collar**
Accurately located at suction bowl bearing to eliminate possible sand buildup.
- 16 Suction Bowl Bearing**
Bronze. Grease packed for long trouble-free life.
- 17 Tail Pipe or Strainer — Optional**
Tail pipe cut to desired length for best suction conditions. Strainer provides protection from large solids.



Headshaft
Steel.

Tube Tension Nut
Heavy-duty cast iron.

Tension Nut Bushing
Bronze construction. Spiral groove insures positive lubrication to lineshaft bearings.

Heavy-Duty Tension Plate
For positive alignment of lineshaft bearings.

Brands interchangeable:

Sulzer APP/AUP/CPT/MBN/MC/ZE,
Andritz ACP/MC, Godwin, Pioneer, KSB, Goulds 3196,
Durco Mark III, Gorman-rupp. Monoyo/Seepex/Netzsch,
Warman AH, Flowserve LC, Tsurumi pump, etc.



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INNOVATION

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